

## DOCUMENT RESUME

ED 068 787

AC 012 902

AUTHOR Mohler, Irvin C.; Bowers, Donald E.  
 TITLE Training Directory of the Rehabilitation Research and Training Centers, 1972-1973.  
 INSTITUTION George Washington Univ., Washington, D.C. Biological Sciences Communication Project.  
 SPONS AGENCY Rehabilitation Services Administration (DHEW), Washington, D.C.  
 PUB DATE Sep 72  
 NOTE 291p.  
 AVAILABLE FROM Research and Training Centers Division, Social and Rehabilitation Service, DHEW, Room 5416 HEW-S, Washington, D.C. (free)

EDRS PRICE MF-\$0.65 HC-\$9.87  
 DESCRIPTORS Administrative Personnel; \*Human Services; Practicums; \*Professional Continuing Education; Professional Education; Professional Personnel; Program Descriptions; \*Rehabilitation; Rehabilitation Centers; Rehabilitation Programs; Seminars; Short Courses; Trainees; \*Training; Workshops

## ABSTRACT

Courses, seminars, workshops, and practica offered by Rehabilitation Research and Training Centers during academic year 1972-73 are described in this directory. Programs are grouped by medical Research and Training Center and contain a brief description of the course's objectives, instructors, trainees for whom the course is intended, and schedule. A permuted title index is included, as is a list of the Research and Training Centers. (RS)

U S DEPARTMENT OF HEALTH,  
EDUCATION & WELFARE  
OFFICE OF EDUCATION  
THIS DOCUMENT HAS BEEN REPRO-  
DUCED EXACTLY AS RECEIVED FROM  
THE PERSON OR ORGANIZATION ORIG-  
INATING IT. POINTS OF VIEW OR OPIN-  
IONS STATED DO NOT NECESSARILY  
REPRESENT OFFICIAL OFFICE OF EDU-  
CATION POSITION OR POLICY.

ED 068787

---

TRAINING DIRECTORY  
OF THE  
REHABILITATION  
RESEARCH AND TRAINING  
CENTERS

---

1972-73

SOCIAL AND REHABILITATION SERVICE  
U. S. DEPARTMENT OF HEALTH,  
EDUCATION, AND WELFARE

WASHINGTON, D. C. 20201

FILMED FROM BEST AVAILABLE COPY

The directory is a product of the Research and Training Center Information Exchange and Clearinghouse Program established with the Biological Sciences Communication Project of The George Washington University Medical Center in cooperation with the University Research and Training Center. Additional copies, free of charge, are available upon request by writing to the Research and Training Centers Division, Social and Rehabilitation Service, The Department of Health, Education, and Welfare, Room 5416 HEW-S, Washington, D.C.

ED 068787

TRAINING DIRECTORY  
of the  
REHABILITATION  
RESEARCH and TRAINING  
CENTERS  
1972-1973

SOCIAL AND REHABILITATION SERVICE

John D. Twiname  
*Administrator*

Richard M. Longmire  
*Associate Administrator for  
Planning, Research, and Training*

James F. Garrett, Ph.D.  
*Assistant Administrator for  
Research and Demonstrations*

Joseph Fenton, Ed.D.  
*Chief, Special Centers*

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

September 1972

Prepared by Irvin C. Mohler and Donald E. Bowers,  
Biological Sciences Communication Project, The  
George Washington University Medical Center, in  
cooperation with The George Washington University  
Research and Training Center. Work supported by  
Grant SRS-16-P-56803/3-08, Social and Rehabilita-  
tion Service, U.S. Department of Health, Education,  
and Welfare.

GW BSCP 72-11P

## INTRODUCTION

The *Training Directory of the Rehabilitation Research and Training Centers*—now in its third edition—has been prepared in response to the continuing need for dissemination of information concerning the training opportunities being made available by the Research and Training Centers to regional and state SRS government and community agency staff.

The Directory contains the descriptions of 479 courses, seminars, workshops, and practica being offered by the Centers during the academic year 1972-73. Programs are being grouped by Research and Training Center with a brief description of the objectives of the course, the instructors, the trainees for whom the course is intended, and the schedule for the course, i.e., whether short- or long-term and the number of hours and days. Also included is the name and address of the appropriate contact for further information concerning the course. Access to programs in various subject categories is provided by a permuted index.

The listings of the training programs in this publication reflect a partial fulfillment of the Centers' objectives to: incorporate rehabilitation education into all rehabilitation related University undergraduate and graduate curricula; conduct short- and long-term, in-service and continuing education; assist in training and increasing the number of professional and non-professional rehabilitation personnel and widely disseminate and promote utilization of new knowledge resulting from research findings.

During FY 1972 the medical rehabilitation R&T Centers conducted 901 long- and short-term training courses which were attended by 42,532 trainees—the vocational rehabilitation R&T Centers conducted 151 long- and short-term training courses which were attended by 5,175 trainees—the mental retardation rehabilitation R&T Centers conducted 50 long- and short-term training courses which were attended by 1,426 trainees—the deafness rehabilitation R&T Center conducted 14 long- and short-term training courses attended by 438 trainees. In all, the Centers conducted 1,116 long- and short-term training courses which were attended by 49,571 trainees, including physicians, rehabilitation counselors, physical therapists, occupational therapists, nurses, social workers, psychologists, teachers, and other rehabilitation and allied health personnel.

The R&T Centers, because of their unique synergistic structure, have fostered rapid translation of research findings into training programs by substantially reducing the time lag between the findings and their application into practice.

*James F. Garrett, Ph.D.*

*Joseph Fenton, Ed.D.*

## CONTENTS

INTRODUCTION . . . . .	iii
RT-1 New York University Medical Center . . . . .	1
RT-2 University of Minnesota . . . . .	43
RT-3 University of Washington . . . . .	51
RT-4 Baylor University . . . . .	59
RT-6 Emory University . . . . .	75
RT-7 Tufts University . . . . .	103
RT-8 Temple University . . . . .	119
RT-9 The George Washington University . . . . .	145
RT-10 University of Colorado . . . . .	165
RT-11 University of Wisconsin . . . . .	173
RT-13 University of Arkansas . . . . .	179
RT-15 University of West Virginia . . . . .	199
RT-16 University of Oregon . . . . .	207
RT-17 New York University . . . . .	211
RT-18 University of Southern California . . . . .	219
RT-19 University of Alabama . . . . .	227
RT-20 Northwestern University . . . . .	249
RT-21 Texas Tech University . . . . .	263
RT-22 University of Wisconsin-Stout . . . . .	269
PERMUTED TITLE INDEX . . . . .	271
RESEARCH AND TRAINING CENTERS . . . . .	293

RT-1

1

RT-1

New York University Medical Center

001 CLINICAL AFFILIATION PROGRAM FOR OCCUPATIONAL THERAPY STUDENTS

Instructor: Mercedes Abella, O.T.R.

For: Graduate and Undergraduate Occupational Therapy Students

Description and Objectives:

This program is offered as an internship to all schools of occupational therapy throughout the country interested in a clinical experience for the junior and senior occupational therapy student. It affords the B.S. and M.S. student a practical experience of treatment under supervision, concurrent with their theoretical information provided through the academic program.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 65 days; January 1972 to December 1973

For Registration or Additional Information write to:

Mercedes Abella, O.T.R.  
Occupational Therapy  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

002 PARTICIPATION IN CONTINUING EDUCATION INSTITUTE OF REHABILITATION MEDICINE PROGRAMS

Instructors: Mercedes Abella, B.S.; Sophia K. Chiotelis, M.A.; Phyllis L. Palsgrove, B.S.; Liesl Friedmann, B.S.

For: Hospital Rehabilitation Personnel

Description and Objectives:

To educate medical, paramedical and other interested professions with the philosophy, treatment, methodology and techniques used in occupational therapy as an integral member of the rehabilitation team at the Institute of Rehabilitation Medicine.

To acquaint students with the goals of occupational therapy in order to educate them in choosing a health career.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 to 5 days; September 1972 to June 1973



For Registration or Additional Information write to:  
 Mercedes Abella, O.T.R.  
 Occupational Therapy  
 Institute of Rehabilitation Medicine  
 400 East 34th Street  
 New York, New York 10016

**003 PRECLINICAL EXPERIENCE FOR OCCUPATIONAL  
 THERAPY STUDENTS**

Instructor: Mercedes Abella, B.S.

For: Graduate and Undergraduate Occupational Therapy  
 Students

**Description and Objectives:**

The program is designed to provide the graduate and undergraduate student with a practical experience to mesh with the lectures/demonstrations given in class; to integrate these experiences so that the student understands the occupational therapy processes as they observe, practice, relate and evaluate treatment techniques in a clinical setting under direct supervision.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 6 days; April to May, February to March, September to October and November to December.

For Registration or Additional Information write to:  
 Mercedes Abella, O.T.R.  
 Occupational Therapy, Institute of Rehabilitation  
 400 East 34th Street  
 New York, New York 10016

**004 INTRODUCTION TO PRINCIPLES OF REHABILITATION  
 PSYCHOLOGY FOR HEALTH CAREER  
 AND REHABILITATION PROFESSIONAL  
 PERSONNEL**

Instructors: Joan L. Bardach, Ph.D.; Leonard Diller, Ph.D.; Frank J. Padrone, Ph.D., Julian L. Brower, Ed.D.

For: Physicians, Nurses, Physical Therapists, Physical Therapy Aides, Occupational Therapists, Nurses Aides, Attendants and Licensed Practical Nurses

**Description and Objectives:**

The purpose of this course is to impart practical knowledge concerning intellectual and emotional assessment, the role of the helping person from the point of view of the patient, and the process of emotional adjustment to disability, in an effort to maximize the therapeutic usefulness of the various disciplines that comprise the rehabilitation team.

Maximum Enrollment: 169; Outside Applicants Not Accepted; Academic Credit Not Available

RT-1

3

Schedule: Short-term; 2 hours per day for 10 days; six week intervals through the year

For Registration or Additional Information write to:

Joan L. Bardach, Ph.D.  
Chief, Psychology Department  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**005 TRAINING OF CLINICAL, COUNSELING, SCHOOL AND RESEARCH PSYCHOLOGISTS**

Instructors: Joan L. Bardach, Ph.D.; Leonard Diller, Ph.D.; Julian L. Brower, Ed.D.; Justus M. Libowitz, Ph.D.; Frank J. Padrone, Ph.D.; Rosemary Haraguchi, Ph.D.; Meyer S. Siegel, M.A.; Helen Hanesian, Ed.D.; Wayne A. Gordon, M.A.; L. Stewart Olsen, Ph.D.

For: Undergraduate, Predoctoral and Postdoctoral Psychology Students

**Description and Objectives:**

The objectives of this course are to train psychologists in areas of particular need in rehabilitation. The predoctoral trainees were trained in evaluation procedures and treatment techniques for a broad range of psychological conditions occurring in a population of physically disabled individuals, including emotional problems, cognitive impairments and perceptual difficulties that can hinder academic education, vocational training and ability to find and hold a job.

Maximum Enrollment: 22; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7 hours per day for 250 days; September 1972 to June 1973

For Registration or Additional Information write to:

Joan Bardach, Ph.D.  
Chief, Psychology Department  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**006 MEDICAL STUDENT TRAINING IN ADVANCED NUCLEAR AND COMPUTER APPLICATIONS RELATED TO CEREBRAL LOCALIZATION OF BLOOD FLOW**

Instructors: J.N. Barker, Ph.D.; J.J. Lim, Ph.D.

For: Medical Students, preferably with Premedical Engineering background

**Description and Objectives:**

On-the-job instruction in the Goldman Cerebrovascular Laboratory provides specialized training in advanced nuclear medical techniques and computer applications related to cerebral blood flow localization studies.

4

RT-1

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 104 days; September 1972 to June 1973

For Registration or Additional Information write to:

J.N. Barker, Ph.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

007 COOPERATIVE EDUCATION AND WORK PROGRAM

Instructors: Melanie Barron, B.A., Meyer S. Siegel, M.A.

For: Junior High School Students

Description and Objectives:

This program, initiated in 1968, has been a cooperative venture involving the Institute of Rehabilitation Medicine, New York University Medical Center and a public junior high school in the inner city. In September 1971, the content of the program was expanded and additional cooperating facilities added—the Metropolitan Museum of Art and several employers. One hundred ninth grade students participate in this satellite school, receiving their full educational program outside of the regular school building from a team of nine experienced teachers, four graduate student science interns and several student teachers. In addition, neighborhood resources personnel teach a variety of mini-courses and student aides provide tutoring.

The objectives of the program are: to develop an innovative, exciting educational model for junior high school students; to expose students to a range of rehabilitation and health service careers that may lead to increased interest in health career goals; to provide paid employment for economically disadvantaged students; to provide experiences and services that by improving motivation and raising aspiration levels will reduce this group's potential for dependency.

Maximum Enrollment: 100; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 7 hours per day for 200 days; September 1972 to June 1973

For Registration or Additional Information write to:

Meyer S. Siegel, M.A.  
Vocational Rehabilitation  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

008 COURSE IN REHABILITATION OF PATIENTS WITH CHRONIC PULMONARY DISEASE AND WITH NEUROMUSCULAR DYSFUNCTION FOR PHYSIATRISTS AND OTHER PHYSICIANS

RT-1

5

Instructors: E.H. Bergofsky, M.D.; Albert Haas, M.D.; Ramanada Sinha, M.D., Ph.D.; Immanuella Moss, M.D., Ph.D.

For: Physicians, Graduate Physical Therapists

**Description and Objectives:**

This course was designed as an advanced tutorial in the techniques of physical therapy and rehabilitation for patients with chronic lung disease such as: asthma, pulmonary emphysema and chronic bronchitis and also for the maintenance, therapy and care of patients with neuromuscular disease. Formal lectures in respiratory physiology, pulmonary anatomy, blood gas chemistry and general pathogenesis of these diseases was given, along with practical and individual demonstrations of pulmonary function techniques, analysis of static and inhalation therapy along with physical therapy.

Maximum Enrollment: 39; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 2 days; March 1972

For Registration or Additional Information write to:

E.H. Bergofsky, M.D.  
Pulmonary Laboratories  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**009 RESPIRATORY PATHO-PHYSIOLOGY FOR PHYSICAL THERAPISTS**

Instructor: Edward H. Bergofsky, M.D.

For: Undergraduate Medical Students, Graduate Students, Nurses, Physical Therapists

**Description and Objectives:**

To train physical therapists in various modalities applicable to patients with lung disease and other patients in the postoperative states (for retained pulmonary secretions); this training is in respiratory pathophysiology, mechanisms of breathing and cough and the other methods employed by physicians in the treatment of respiratory failure.

Also a course in the specific rehabilitation of patients with chronic bronchitis, pulmonary emphysema and bronchial asthma has been added.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 44 days; September 1972 to June 1973

For Registration or Additional Information write to:

E.H. Bergofsky, M.D.  
Pulmonary Laboratories  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

6

RT-1

010 IN-SERVICE CONTINUING EDUCATION, OCCU-  
PATIONAL THERAPY DEPARTMENT

Instructor: Sophia K. Chiotelis, M.A.

For: Occupational Therapists, Nurses, Physical Therapists,  
Psychologists

Description and Objectives:

This education program is implemented in order to provide continuing education and professional growth and development to staff. The content of the program provides education through lectures, films, special projects, ongoing research and presentation of new methodology and techniques in the profession. The program is open to all rehabilitation personnel.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 44 days; September 1972 to June 1973

For Registration or Additional Information write to:

Sophia K. Chiotelis, M.A.  
Occupational Therapy  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

011 ORIENTATION AND OBSERVATION TO OCCU-  
PATIONAL THERAPY FOR REHABILITATION  
PROFESSIONALS

Instructors: Sophia K. Chiotelis, M.A.; Phyllis L. Palsgrove, B.S.;  
Mercedes Abella, B.S.; Liesl Friedmann, B.S.

For: Occupational Therapists, Nurses, Social Workers,  
Orthotists, Administrators, Physicians, Occupational  
Therapy Students, Educators, Speech Therapists, Other  
Students, Nurses Aides, Physical Therapists,  
Psychologists

Description and Objectives:

This project includes lectures, observation from one day to two weeks, and consultations to medical and paramedical personnel for the purpose of providing information related to the philosophy and practice of occupational therapy at the Institute of Rehabilitation Medicine. A second objective is to provide comprehensive but short-term assistance for establishing similar programs to administrators and doctors of other institutions.

Maximum Enrollment: --; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 to 14 days; January 1972 to December 1972

For Registration or Additional Information write to:

Sophia Chiotelis, M.A.  
Occupational Therapy

RT-1

7

Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**012 AFFILIATION PROGRAM FOR UNDERGRADUATE  
OCCUPATIONAL THERAPY STUDENTS**

Instructors: Elizabeth Caramintzou, B.A.; Frances Corey, B.S.

For: Undergraduate Occupational Therapy Students

**Description and Objectives:**

Students come for three months, full time, as part of the required training for registry as occupational therapists. Students work directly with the patients, as "interns" under supervision of a registered therapist. Emphasis is on techniques of physical reconditioning in increasing range of motion, coordination, muscle strength and self-care in activities of daily living and homemaking with the use of adaptive equipment where needed. Intensive review and application of course material in anatomy, neuroanatomy, facilitation techniques and kinesiology are given. Students are expected to be competent to function as graduate therapists in treatment of any type of physical disability on completion of the period.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 6 days; September to November, December to February, March to May, June to August

For Registration or Additional Information write to:

Frances Corey, O.T.R., Chief of Division  
Bellevue Hospital  
28th Street & 1st Avenue  
New York, New York

**013 PRECLINICAL EXPERIENCE FOR OCCUPATIONAL  
THERAPY STUDENTS**

Instructors: Frances Corey, B.S.; Elizabeth Carmintzou, B.S.

For: Preclinical Occupational Therapy Students

**Description and Objectives:**

Students come for short periods, usually 6 days, concurrent with academic courses in physical disabilities. The purpose is to acquaint students with the spectrum of physical disabilities being discussed in lecture materials, give them an opportunity to observe and to work with patients as fully as possible within their time and knowledge limitations, and to become aware of the procedures and methods of treatment in the physical disability area. A case study is usually required by the University assigning the student. A seminar involving the students, clinical instructor concludes the period, as a means of evaluating the program.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 6 days; semester to interval

For Registration or Additional Information write to:  
 Frances Corey, O.T.R., Chief of Division  
 Bellevue Hospital  
 28th & 1st Avenue  
 New York, New York

014 NEUROPSYCHOLOGY OF BEHAVIOR (Course E. 35.2001)

Instructor: Leonard Diller, Ph.D.

For: Graduate Students in Psychology, Education, Physical Therapists, Occupational Therapists, Speech

Description and Objectives:

A course offered at the graduate school of education for graduate students in education, psychology and allied health fields. It covers the following topics: relations of historical and current models of cognitive development, syndromes of central nervous system dysfunctioning in children and adults. Recent advances in the use of behavioral measures to detect neurological abnormalities and approaches to remediation.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 16 days; February to May

For Registration or Additional Information write to:  
 Leonard Diller, Ph.D.  
 Institute of Rehabilitation Medicine  
 400 East 34th Street  
 New York, New York 10016

015 REMEDIAL TECHNIQUES FOR COGNITIVE AND PERCEPTUAL DIFFICULTIES IN BRAIN DAMAGED PERSONS

Instructors: Leonard Diller, Ph.D.; Joan L. Bardach, Ph.D.; Yehudia Ben-Yishay, Ph.D.; Robert Goodkin, Ph.D.; Joseph Weinberg, M.A.; Helen Hanesian, Ed.D.; Wayne Gordon, M.A.; Ian Mandelberg, B.S.; Paul Schulman, M.A.; Nandini Shah, M.A.

For: Psychologists, School Psychologists, Occupational Therapists, Language Pathologists, Rehabilitation Counselors, Dean — Psychology, Graduate Assistant, School of Education, Neuropsychological Technician, Neuropsychologist, Associate Professor of Psychology, SRS Representative, Registered Nurse, Teacher of Brain Damaged, Physical Therapist, Psychiatrist, Teacher — Rehabilitation

Description and Objectives:

This course was designed to present some basic principles and techniques for the treatment of cognitive and perceptual problems of brain damaged people, with emphasis on adult

patients; for psychologists, physicians, occupational therapists, speech therapists, and others. Content will be based on clinical experiences derived from intensive research conducted over the past decade at New York University Medical Center's Institute of Rehabilitation Medicine. The course included those new approaches and remediation that had been found clinically useful in the treatment of these heretofore refractory impairments.

Maximum Enrollment: 46; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; April 25 to April 27, 1973

For Registration or Additional Information write to:

Leonard Diller, Ph.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**016 CLINICAL ORIENTATION TO PHYSICAL THERAPY FOR REGISTERED NURSES**

Instructors: Alice Eason, B.S.; Ann Goerdt, B.S.

For: Registered Nurses

**Description and Objectives:**

Basics in physical therapy; physical therapy in a chronic hospital; review of transfer activities for disabled patients; review of components of braces and prostheses and how to apply the appliances; nurses' roles in this aspect of the patient's rehabilitation; discussions and presentation of patients with various disabilities and appliances.

Objective: To familiarize nurses with the basics in physical therapy and practical application of orthopedic appliances in relation to patient treatment. To reinforce the patient's physical therapy training through the utilization of nursing personnel.

Maximum Enrollment: 170; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 4 days; February 1972 to November 1972

For Registration or Additional Information write to:

Alice Eason, R.P.T.  
Chief, Physical Therapy Service  
Goldwater Memorial Hospital  
Welfare Island, New York

**017 LECTURE AND DEMONSTRATION COURSE IN THE USE OF ORTHOPEDIC APPLIANCES**

Instructors: Alice Eason, B.S.; Ann Goerdt, B.S.; Carolyn P. Clarke, B.S.

For: Practical Nursing Students



10

RT-1

**Description and Objectives:**

To familiarize nurses with the basics and practical application of braces and prostheses in relation to patient treatment on a rehabilitation program. To reinforce the patients' physical therapy training through the utilization of nursing personnel in the carryover of the patients' physical program on the ward.

Review of the components of braces and prostheses; disabilities of patients requiring braces; types of amputations; how to apply the appliances; nursing roles in this aspect of the patient's rehabilitation; discussions, presentation of patients utilizing both appliances.

Maximum Enrolment: 120; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per day for 8 days; March 1973 to June 1973

For Registration or Additional Information write to:

Alice Eason, R.P.T.  
Chief, Physical Therapy Service  
Goldwater Memorial Hospital  
Welfare Island, New York

**018 PRACTICUM IN CLINICAL EDUCATION FOR PHYSICAL THERAPISTS**

Instructors: Alice Eason, B.S.; Ann Goerd, B.S.; Carolyn Clarke, B.S.; Emily Mays, B.S.; Barbara Goldsmith, B.S.

For: Physical Therapy Students

**Description and Objectives:**

Each student is given a period of orientation to the policy, routine and physical plan of the Service and the Rehabilitation Department. They are assigned a caseload under the supervision of a staff therapist and supervisor, responsible for writing of all reports and statistical data on their assigned patient, perform manual muscle tests, rotate to special areas of the Physical Therapy Service, attend and participate in all clinics and evaluations, present a case report on one patient and attend special lectures and observe treatment of their assigned patients by other disciplines.

Develop attitudes and abilities or skills appropriate to their academic level; gain an awareness of the concept of Rehabilitation in a Chronic Disease Hospital.

Maximum Enrollment: 21; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; hours per day and number of days vary; January 1973 to August 1973

For Registration or Additional Information write to:

Alice Eason, R.P.T.  
Chief, Physical Therapy Service  
Goldwater Memorial Hospital  
Welfare Island, New York

RT-1

11

019 CLINICAL AFFILIATION PROGRAM FOR PHYSICAL THERAPY STUDENTS

Instructors: Marguerite Fortmann, B.S.; Barbara Schad, B.S.; Martha Kruttwig, B.S.; Scharlyn Bolling, B.S.

For: Physical Therapy Students

Description and Objectives:

This program is designed to provide the student with a clinical setting in which the physical therapist practices his profession and is geared to prepare physical therapy students to function effectively in a clinical setting. It provides clinical training concurrent with theoretical classroom courses and is planned for four levels of students.

Clinical Training I. This phase is planned to orient the student to a hospital setting and rehabilitation medicine, and provides for patient contact, experience in medical terminology, and observation of various disabilities.

Clinical Training II. This phase provides observation and selective practice in therapeutic procedures.

Clinical Training III. This phase provides for observation, practice and evaluation of therapeutic procedure with provisions for oral and written communications with physicians and other members of the rehabilitation team.

Clinical Training IV. This phase provides the student with the opportunity of functioning as a staff member therapist.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4-7 hours per day for varying number of days; September 1972 to June 1973

For Registration or Additional Information write to:

Marguerite Fortmann, R.P.T.  
Bellevue Hospital  
28th Street & 1st Avenue  
New York, New York

020 DEPARTMENTAL OBSERVERS AND PROFESSIONAL GROUP VISITS

Instructors: Joseph Goodgold, M.D.; Georg Fleischer, M.D.; Glenn Goldfinger, B.S.

For: Physicians, Administrators Associated with Rehabilitation Facilities

Description and Objectives:

Tours and lectures are scheduled to show a model for delivery of services and education in rehabilitation medicine to responsible personnel in this field from institutions from the United States and throughout the world.

These observerships cover a period from one week to three months and consist of clinical and didactic instruction. Assignments are made in departmental affiliated services to meet the physician's specific interests and needs.

12

RT-1

Maximum Enrollment: 355; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; January 1972 to December 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director of Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

021 POSTGRADUATE COURSE IN CLINICAL ELECTRODIAGNOSIS OF NEUROMUSCULAR DISEASES

Instructors: Joseph Goodgold, M.D.; Arthur Eberstein, Ph.D.; Neil Speitholz, Ph.D.

For: Physicians, Ph.D.'s

Description and Objectives:

The course is designed to present the basic principles underlying electromyography and nerve stimulation studies to the physician or Ph.D. planning to specialize in clinical neurophysiology as well as to the allied group of physicians who rely on the results as an aid in diagnosis—the neurologist, neurosurgeon, orthopedist, physiatrist and others. In this sense the course furnishes a rigorous introduction which is neither elementary nor specialized. No prior training has been necessary for enrollment. Systematic correlation of laboratory observations with clinical diagnoses is always stressed. The curriculum includes neuromuscular physiology and pathology, basic requirements of instrumentation systems in detecting and recording of bioelectric potentials, the study of evoked muscle and nerve action potentials in response to stimulation of peripheral motor and/or sensory nerves and the averaging of low level signals, frequency analysis, signal integration and multielectrode studies.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; December 4, 1972 to December 6, 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director of Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

022 REHABILITATION MEDICINE CURRICULUM AT NEW YORK UNIVERSITY SCHOOL OF MEDICINE FIRST-FOURTH YEAR STUDENTS

Instructors: Joseph Goodgold, M.D.; Faculty of the Department of Rehabilitation Medicine

RT-1

13

For: First and Second Year Medical Students

Description and Objectives:

To instruct medical students in the problems of the chronically ill and to introduce testing techniques in rehabilitation medicine. The concept of team evaluation is introduced and the necessity of considering the patients' medical, social, physiological and vocational needs is emphasized.

Maximum Enrollment: 220; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; hours per day and number of days vary; January 1972 to December 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director of Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

023 SUMMER MEDICAL AND DENTAL STUDENT FELLOWSHIP PROGRAM

Instructors: Joseph Goodgold, M.D.; Georg Fleischer, M.D.; Faculty members of the Department of Rehabilitation Medicine

For: Freshman and Sophomore Medical and Dental Students

Description and Objectives:

The primary objective is to orient medical and dental students in the management of the chronically ill patient through rehabilitation techniques. All students participate in an orientation program and then are assigned to various services in the Department. The fellowship consists of a supervised clinical and didactic program as well as participation in evaluation, re-evaluation, and clinical conferences at the Institute of Rehabilitation Medicine and the Departments of Rehabilitation Medicine of Goldwater Memorial Hospital and Bellevue Hospital. There is direct supervision of the students by the members of the faculty—usually on a one-to-two basis. Students interested in pursuing some basic research during their programs will be assisted by departmental staff members in areas such as electromyography, cardiopulmonary, orthotics and bioengineering.

Maximum Enrollment: 35; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 40 days; July 1972 to August 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director of Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

14

RT-1

024 CLINICAL PRACTICE AND OBSERVATION PHYSICAL THERAPY

Instructors: Jack M. Hofkosh, M.S.; Catherine Van Olden, M.A.; Physical Therapy Staff, B.S.

For: Physical Therapy Undergraduate

Description and Objectives:

To make available to all interested schools of Physical Therapy the full extent of physical therapy departmental clinical facilities for interested junior and senior students. To provide to those students (graduate and undergraduate) and others on-the-job experience concurrent with theoretical classroom courses and to assist in their instruction by demonstration and augmenting discussions related to physical therapy management of the disabling process.

Maximum Enrollment: 120; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; hours vary per day for 5 days; January 1972 to November 1972

For Registration or Additional Information write to:

Jack Hofkosh, M.S., R.P.T.  
Director of Physical Therapy Department  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

025 HEALTH CAREER OPPORTUNITIES PROGRAM 1972

Instructors: Joseph Goodgold, M.D.; Staff of N.Y.U.M.C.

For: High School and College Students

Description and Objectives:

To offer as broad an orientation to interested young people as possible the careers available in health. We attempted this by providing opportunities with stress on their major field of interest. All departments of the Institute of Rehabilitation Medicine, Bellevue and Goldwater Memorial Hospital, participated in practice for students, in lectures and in demonstrations throughout the entire twelve week block.

On-the-job experience made up a major portion of the time used by all units in an attempt:

- a. to recruit for the various health professions;
- b. to upgrade interest and skill in some assistive activities;
- c. to assist in the development of work attitudes pertinent to careers in health;
- d. to gain an awareness and appreciation of patients' concern with his own social, economical and psychological problems which affect his rehabilitation program.

Maximum Enrollment: 150; Outside Applicants Accepted; Academic Credit Not Available

RT-1

15

Schedule: Short-term; 8 hours per day for 20 days; June 6 to June 30, 1972, July 3 to July 28, 1972, and July 31, to August 25, 1972.

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director, Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

026 IN-SERVICE CONTINUING EDUCATION PHYSICAL THERAPY DEPT., INSTITUTE OF REHABILITATION MEDICINE

Instructors: Jack M. Hofkosh, M.S.; The Institute of Rehabilitation Medicine Faculty and Staff Members

For: Resident Physicians, Nurses, Physical Therapists, Occupational Therapists

Description and Objectives:

Continuing education in the form of in-service brings to the professional staff, opportunity to become aware of developing research, interesting innovations and methodology pertinent to their special field of interest. All meetings are open to general professional public, in this department and other units of the medical center; and to share with other groups on assigned basis, physical therapy philosophies related to totality of the rehabilitation process.

Maximum Enrollment: 107; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 36 days; September 1972 to May 1973

For Registration or Additional Information write to:

Mr. Jack Hofkosh, R.P.T.  
Director, Physical Therapy Services  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

027 PHYSICAL THERAPY AIDE-IN-SERVICE

Instructors: Jack M. Hofkosh, M.A.; Elizabeth Paster, M.A.

For: Physical Therapy Aides

Description and Objectives:

This in-service training offers our physical therapy aide staff an opportunity to have department policies and procedures explained to them, as well as time for discussion. In addition, various treatment procedures, new equipment, informative films, etc., are presented to keep them up-to-date in the field as it relates to their jobs.

Maximum Enrollment: 42; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; ½ hour per day for 32 days; September 1972 to May 1973

For Registration or Additional Information write to:

Mr. Jack Hofkosh, R.P.T.  
Director, Physical Therapy Services  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

028 PROGRAM PRE-PHYSICAL THERAPY ASSOCIATE  
IN APPLIED SCIENCE SCHOOL OF CONTINUING  
EDUCATION NEW YORK UNIVERSITY

Instructors: Jack Hofkosh, M.S.; Evelynne Paterson, B.S.; Russell Smith, M.A.

For: Physical Therapy Continuing Education Students

Description and Objectives:

Bold innovations in health and social legislation require bold innovations in education, in training and in the utilization of health career personnel.

We, with this program, have developed a meaningful career ladder leading from Physical Therapy Aide (16 weeks training) to Physical Therapy Assistant A.A.S. (2-year program). We were able to do this by utilizing the facilities, staff and philosophy of New York University, its Medical Center; Institute of Rehabilitation Medicine, School of Education, School of Continued Education and Extension Services.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 5 hours per day for 5 days; September 1972 to June 1973

For Registration or Additional Information write to:

Jack Hofkosh, R.P.T.  
Director, Physical Therapy Services  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

029 OCCUPATIONAL THERAPY STUDENT  
AFFILIATION

Instructors: Margaret Hundley, B.S.; Renee Okoye, B.S.

For: Occupational Therapy Students

Description and Objectives:

The objective of the Occupational Therapy Affiliation is to present a program which will provide application of principles and techniques of occupational therapy. To increase the students' knowledge of, and competency in, occupational therapy and interdepartmental relations. To guide the student to understanding of professional and ethical behavior.

The curriculum includes orientation to the Institute, to the Occupational Therapy Department, interdepartment rela-

RT-I

17

tionships, community relationships, resources for personal and professional growth; treatment program, evaluation, treatment planning, treatment media activities and methods, recording and reporting; in-service lectures, ward rounds, staff conferences, orthopedic and wheelchair clinics.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7 hours per day for 52 days; January 1972 to December 1972

For Registration or Additional Information write to:  
Margaret Hundley, O.T.R., Occupational Therapy  
Goldwater Memorial Hospital  
Welfare Island, New York

030 PRACTICAL STUDENT NURSE PROGRAM IN OCCUPATIONAL THERAPY

Instructors: Margaret Hundley, B.S.; Renee Okoye, B.S.

For: Student Practical Nurses

Description and Objectives:

To orient through lecture and demonstration the role of the occupational therapist in a team approach to the rehabilitation of patients with physical disabilities.

To explain through lecture and observation the technique of transferring patients, and self-care activities, so that the acquired skills will be carried on in the ward, under the supervision of the nurse.

To effect communication with the nurse through the knowledge of what occupational therapy is, and our method and media of treatment.

The lectures and demonstrations include functional occupational therapy and activities of daily living.

Maximum Enrollment: 150; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 3 hours per day for 20 days; January 1972 to December 1972

For Registration or Additional Information write to:  
Margaret Hundley, O.T.R., Occupational Therapy  
Goldwater Memorial Hospital  
Welfare Island, New York

031 E21.2117 ADVANCED CLINICAL PRACTICUM IN SPEECH PATHOLOGY AND AUDIOLOGY - NEW YORK UNIVERSITY SCHOOL OF EDUC. (Div. of English Educ., Speech & Educational, Theatre)

Instructors: Patricia C. Kerman, M.A.; Arlene Kraat, M.A.; Lynn Sosnow Singer, M.A.

For: Speech Pathologists and Audiologists



**Description and Objectives:**

The course provides graduate speech pathology trainees with the opportunity to observe, evaluate and treat neurologically impaired adults with speech, language and hearing disorders under the direct supervision of the speech pathology staff at Goldwater. The course also provides a unique training experience by exposing the student to the rehabilitation team approach. At the completion of the clinical practicum course, the trainee should be able to independently diagnose and treat the communication disabilities associated with neurological impairment.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 60 days; January 1972 to June 1972, June 1972 to August 1972, September 1972 to January 1973

For Registration or Additional Information write to:  
Patricia Kerman, M.A., Speech Therapy  
Goldwater Memorial Hospital  
Welfare Island, New York

**032 CLINICAL STUDENT OBSERVATION PROGRAM —  
SPEECH PATHOLOGY**

Instructors: Patricia C. Kerman, M.A.; Staff

For: Speech Pathology Students

**Description and Objectives:**

The program is designed to introduce undergraduate and graduate speech pathology students to the functions and goals of the Department of Rehabilitation Medicine and specifically to the role of the speech pathologist within the rehabilitation team. Another aspect is to discuss and demonstrate the speech and language disorders found in adults with neurological impairment through lectures and direct observation of patients enrolled in our program.

Maximum Enrollment: 85; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; January 1972 to December 1972

For Registration or Additional Information write to:  
Patricia Kerman, Speech Therapy  
Goldwater Memorial Hospital  
Welfare Island, New York

**033 SPEECH PATHOLOGY NURSES AIDE TRAINING  
PROGRAM**

Instructors: Patricia C. Kerman, M.A.; Arlene Kraat, M.A.; Susan Gray, M.S.

For: Nurses Aides

**Description and Objectives:**

To provide the nurses aides with an educational program to assist them in their daily management of communicatively impaired adults. The program consisted of lectures, demonstrations and discussions focusing on the management of communication problems encountered in patients with aphasia, dysarthria and hearing impairment. Both the day and twilight nursing staff participated in the training program.

Maximum Enrollment: 10/session; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 1 day; January 1972 to December 1972

For Registration or Additional Information write to:

Patricia Kerman, Speech Therapy  
Goldwater Memorial Hospital  
Welfare Island, New York

**034 PRACTICUM IN REHABILITATION COUNSELING**

Instructors: Matilda Lang, M.A.; John McCullen, M.A.

For: Graduate Rehabilitation Counseling Students

**Description and Objectives:**

Teach the student to read charts, familiarize him with the disabilities and how they affect vocational potential. In general, the objectives are to assist the graduate student put into practice those counseling skills which were learned theoretically.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 6 hours per day for 50 days; September 1972 to February 1973 and February 1973 to June 1973

For Registration or Additional Information write to:

Matilda Lang, M.A., Rehabilitation Counseling  
Goldwater Memorial Hospital  
Welfare Island, New York

**035 CLINICAL TRAINING FOR GRADUATE THERAPISTS AND NURSES**

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapists, Occupational Therapists, and Registered Nurses

**Description and Objectives:**

After completion of the 4-week Advanced Course in Physical Rehabilitation Methods for Registered Nurses, students may stay, if so desired, to gain experience in different phases of rehabilitation.

This additional time of 1-4 weeks is organized according to the specific interest of the student and may consist of one or more of the following:

- a. Clinical observation and practice in different departments of the institute.

25

20

RT-1

- b. Attendance at different meetings at the Institute such as evaluation conferences, re-evaluation clinics, staff meetings, etc.
- c. Interviews with different department heads.
- d. Field trips to different institutions in or close to New York City.

Maximum Enrollment: 26; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 5-20 days; January 1972 to December 1972

For Registration or Additional Information write to:

Edith Lawton, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

036

FOUR-WEEK ADVANCED COURSE IN PHYSICAL REHABILITATION METHODS FOR PHYSICAL THERAPISTS, OCCUPATIONAL THERAPISTS AND REGISTERED NURSES

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapists, Occupational Therapists, Registered Nurses, Home Economists, Recreation

Description and Objectives:

The course deals with the "Total Rehabilitation" of severe physical disabilities resulting from medical, surgical, neurological and orthopedic and other conditions. It is designed for physical and occupational therapists and registered nurses as a preparation for their role in a rehabilitation program. The course content includes medical, psychosocial and vocational aspects as well as methods and skills of different rehabilitation techniques. Lectures, demonstrations, laboratory and practice sessions are provided to give as complete a picture as possible of a rehabilitation program.

Since its beginning, the course has grown in depth and scope and includes the up-to-date developments in the field of rehabilitation. The emphasis is always on how to train the patient to achieve a maximum of rehabilitation, therefore, the elimination of architectural barriers has become an important topic. To have the three "Sister Professions" together represented in the course serves as a most practical method to develop a working concept of teamwork.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 20 days; January 1972 to December 1972

For Registration or Additional Information write to:

Edith Lawton, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

RT-1

21

037 INTERNATIONAL TRAINING PROGRAM FOR  
PHYSICAL AND OCCUPATIONAL THERAPISTS

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapists and Occupational Therapists

Description and Objectives:

Special clinical training is offered for international physical and occupational therapists who have completed their professional education in a foreign country. Occasionally nurses are enrolled.

The program is organized to suit the special interest of the students and consists of the following: a) Clinical practice under supervision in different divisions of the physical therapy or occupational therapy department of the Institute. This is full time daily. b) International students enrolled in this program have the privilege to attend the 4-week Advanced Course in Physical Rehabilitation Methods.

Maximum Enrollment: 7; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for variable number of days; dates vary

For Registration or Additional Information write to:

Edith Lawton, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

038 REHABILITATION FOR THE PHYSICALLY HANDI-  
CAPPED (First and Second Semesters)

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapy Students, Occupational Therapy Students

Description and Objectives:

This is a required course within the Physical and Occupational Therapy Curriculum at New York University School of Education. It carries 2 points university credit.

The course is offered in the first semester for Physical Therapy students, and in the second semester for Occupational Therapy students.

Maximum Enrollment: 43; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 5 hours per day for 15 days; September 1972 to June 1973

For Registration or Additional Information write to:

Edith Lawton, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

22

RT-1

**039**            **THREE-WEEK SEMINAR IN PHYSICAL REHABILITATION METHODS FOR REGISTERED NURSES**

Instructors:    Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For:             Registered Nurses

**Description and Objectives:**

The purpose of the Seminar is to demonstrate how the concept of "total rehabilitation" can be incorporated as an essential part of nursing care. It is designed for registered nurses in the hospital as well as in the Public Health fields. The philosophy and principles of rehabilitation can be applied by the staff nurse in her nursing duties, by the supervisor in orienting her department toward rehabilitation and by the instructor in nursing arts or clinical nursing.

The content of the Seminar encompasses physical rehabilitation procedures for severely physically handicapped patients due to medical, surgical, neurological, and other conditions. It also includes the medical, psychosocial and vocational aspects which have to be considered to rehabilitate the patient to his maximum. Didactic and practical training is provided.

Maximum Enrollment: 45; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 15 days; January 1972 to December 1972

For Registration or Additional Information write to:

Edith Lawton, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**040**            **INTERNSHIP FOR GRADUATE DENTISTS IN CARE OF THE PHYSICALLY HANDICAPPED AND THE LONG-TERM PATIENT**

Instructors:    Mathew Lee, M.D.; Jack Goldstein, M.D.; Martin Rubin, D.D.S.

For:             Graduate Dentists

**Description and Objectives:**

Three recently graduated dentists from accredited schools are offered a rotating internship in all phases of dental care for the physically handicapped. They work in close conjunction with the total rehabilitation team with the objective of incorporating total dental care into the rehabilitation concept. They receive a two month correlated orientation in all aspects of rehabilitative care of the physically handicapped and long-term patients. Throughout the year they engage in clinical practice and maintain their role in the rehabilitation team, attending lectures, seminars, etc. In addition, they attend courses and lectures in other institutions and schools as a part of this course.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

RT-1

23

Schedule: Long-term; 8 hours per day for 220 days; January 1972 to December 1972

For Registration or Additional Information write to:

Mathew Lee, M.D.  
Goldwater Memorial Hospital  
Dept. of Rehabilitation Medicine  
Welfare Island, New York

**041            ORIENTATION IN CARE FOR PHYSICALLY DIS-  
ABLED FOR DENTAL STUDENTS**

Instructors: Mathew Lee, M.D.; Jack Goldstein, M.D.; Martin Rubin, D.D.S.

For:            Dental Students

**Description and Objectives:**

This orientation course is designed to familiarize dental students with the problems of physically disabled and handicapped patients, and to correlate the care of the mouth with the total rehabilitation process. Training is given in rendering the best possible dental care for these patients. The students are taught to regard themselves as members of the rehabilitation team. The purpose of this course is to extend the vista of dental students, insofar as dental care is concerned, beyond the normal patients to which they are ordinarily exposed.

Third-year dental students receive an orientation to the general problems of the physically handicapped. This is done by the total rehabilitation team, including the dentist, and this teaching is carried on by means of lectures and case presentations. Every member of the dental class is required to rotate through this orientation to rehabilitation.

Fourth-year dental students are assigned to clinical practice in delivering dental care to physically handicapped patients under supervision. This work is carried on in close relationship with the other members of the rehabilitation team.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 2 days; January 1972 to June 1972 and October 1972 to December 1972

For Registration or Additional Information write to:

Mathew Lee, M.D.  
Department of Rehabilitation Medicine  
Goldwater Memorial Hospital  
Welfare Island, New York

**042            CLINICAL TRAINING IN ORTHOTICS AND  
PROSTHETICS**

Instructors: Hans Richard Lehneis, Dipl. O&P; Ludwig Greilinger, Dipl. O&P

For:            Orthotic and Prosthetic Technicians

**Description and Objectives:**

The curriculum consists of laboratory instruction and practice in the basic aspect of fabrication of orthoses and prostheses

rather than formal instructional lectures. Also, the trainee is requested to attend clinics and lectures to the general staff. Laboratory instruction and practice includes plaster techniques, plastic lamination techniques and working with various materials, machines and equipment necessary for the construction of orthoses and prostheses.

The objectives of clinical training in orthotics and prosthetics are to train individuals to act as support personnel for the professional orthotist-prosthetist.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; January 1972 to December 1972

For Registration or Additional Information write to:

Hans R. Lehneis, C.P.O.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

043 SUMMER WORK STUDY PROGRAM FOR GRADUATE STUDENTS IN SOCIAL WORK

Instructors: Aimee T. McDonnell, M.S.W.; Kay Perfect, M.S.W.

For: Social Worker Students

Description and Objectives:

The Summer Work Study Program for graduate students in social work provides the student with the opportunity to integrate and apply, under close supervision, knowledge acquired during the first year of graduate school. The objectives are:

1. To provide a paid summer work-study experience for first year graduate students in social work to enable them to meet educational expenses for the ensuing year.
2. To sustain interest in the social work profession.
3. To stimulate interest of future social workers in the field of rehabilitation.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 60 days; June 1972 to September 1972

For Registration or Additional Information write to:

Aimee T. McDonnell, M.S.W.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

044 PSYCHIATRIC SEMINARS

Instructor: Sidney Rosen, M.D.

For: Social Workers, Rehabilitation Counselors, Occupational Therapists, Psychologists, Psychiatrists

RT-1

25

Description and Objectives:

To acquaint our psychosocial staff with recent developments in rehabilitation research and therapeutic techniques. During the past year the focus was mostly on group therapies. Participants were presented with movies, video tapes, as well as guest speakers.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1½ hours per day for 40 days; January 1972 to December 1972

For Registration or Additional Information write to:

Sidney Rosen, M.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

045 WORKSHOP IN CLINICAL HYPNOSIS

Instructor: Sidney Rosen, M.D.

For: Psychology Interns, Predoctoral Trainees

Description and Objectives:

To teach basic techniques of hypnosis and their application in rehabilitation medicine. Participants are given demonstrations of various hypnotic phenomena. They are encouraged to undergo direct experience themselves, both as subjects and as hypnotists. Actual patients are presented both in person and by video tape.

Maximum Enrollment: 7; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 40 days; December 1972 to June 1973

For Registration or Additional Information write to:

Sidney Rosen, M.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

046 RESIDENCY TRAINING FOR PHYSICIANS IN REHABILITATION MEDICINE

Instructors: Howard A. Rusk, M.D.; Joseph Goodgold, M.D.; Georg Fleischer, M.D.

For: Physicians

Description and Objectives:

The residency training program of the Department of Rehabilitation Medicine of the New York University Medical Center has been organized in accordance with the recommendations of the American Board of Rehabilitation Medicine and the Council on Medical Education and Hospitals of the American Medical Association. The curriculum, therefore, offers a complete training in



the clinical care of the chronically ill and disabled supported by a prescribed formal lecture series.

The program is carried out on a rotational basis through the various services of the Institute of Rehabilitation Medicine as well as the affiliated hospitals of the Department. These include the Inpatient and Outpatient Services, Institute of Rehabilitation Medicine; Electromyography Service, Institute of Rehabilitation Medicine; Respirator Service, Goldwater Memorial Hospital; Institute for the Crippled and Disabled; the Rehabilitation Medicine Services of Goldwater Memorial Hospital, Bellevue Hospital, St. Vincent's Hospital, St. Barnabas Hospital, Veterans Administration Hospital, Grasslands Hospital and the Orthopedic and Neurology Services of the New York University Medical Center.

The clinical training is supported by supervised bedside rounds, individual patient evaluation and re-evaluation clinics, seminars and combined clinical conferences with other medical services. The lectures are concerned with pertinent and diversified topics including functional anatomy, muscle testing, neurophysiology, pathophysiology of the neuromuscular and musculoskeletal systems, renal pathophysiology, cardiopulmonary diseases, etc.

The educational activities are organized under the Director of Research and Training, advised and assisted by an active committee of senior faculty members. Opportunities are given to senior residents for research in any area in the rehabilitation field under the supervision of senior faculty members.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 220 days; July 1972 to June 1973

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director of Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

#### 047 PROSTHETICS AND ORTHOTICS EDUCATION

Instructor: Allen S. Russek, M.D.

For: Physicians and Surgeons, Physical Therapists, Occupational Therapists, Orthotists—Prosthetists

##### Description and Objectives:

Advanced courses for experienced personnel; Physicians and Surgeons, Physical Therapists, and Orthotists-Prosthetists in the New York University Postgraduate School.

Lectures and demonstrations include prescription, fabrication, fitting, checkout and training with upper and lower extremity prostheses and braces. Teams are assigned to patients for actual experience in live, practical situations and graded on their performance.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Available

RT-1

27

Schedule: Short-term; 8 hours per day for 4 days; January 1972 to December 1972

For Registration or Additional Information write to:

Allen Russek, M.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**048 CLINICAL PRACTICUM IN SPEECH PATHOLOGY**

Instructor: Martha Taylor Sarno, M.A.

For: Speech Pathology Graduate Students

**Description and Objectives:**

Individual training on an intensive clinical basis for three graduate students in Speech Pathology and one Ph.D. candidate in Physiological Psychology. Testing and treatment were provided and supervised by staff members specialized in a number of areas relevant to the student's special interests.

Clinical practice in speech pathology was provided under close supervision at the Institute of Rehabilitation Medicine Speech Pathology Program. Professional skills were shaped and sharpened through direct involvement in administration and content of speech therapy sessions.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 75 days; February 1972 to January 1973

For Registration or Additional Information write to:

Martha Taylor Sarno, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**049 SPEECH PATHOLOGY OF THE ORGANICALLY HANDICAPPED I (Aphasia)**

Instructor: Martha Taylor Sarno, M.A.

For: Speech Pathology Graduate Students

**Description and Objectives:**

This course, offered in cooperation with the New York University School of Education during the fall semester is designed to provide an introduction to the neurological, linguistic and psychological rationales underlying the evaluation and treatment of verbal impairment secondary to brain damage.

Theories of learning, language acquisition, and verbal function were emphasized and integrated with discussions of the methodology for clinical testing, research and treatment. This was derived from lectures, readings, clinical demonstrations and films used to achieve these objectives.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 10 days; September 1972 to January 1973

For Registration or Additional Information write to:

Martha Taylor Sarno, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**050 SPEECH PATHOLOGY FOR REHABILITATION NURSES**

Instructor: Martha Taylor Sarno, M.A.

For: Graduate Nurses

**Description and Objectives:**

Specialized practical training designed to give the rehabilitation nurse an in-depth experience in the communication needs of the brain damaged adult. Diagnostic treatment, and prognostic considerations, were discussed. Observation of testing, individual and group speech therapy comprised a large part of the course experience.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 4 days; January 1972 to December 1972

For Registration or Additional Information write to:

Martha Taylor Sarno, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**051 CONSULTATIVE-ADVISORY SERVICES ON VOCATIONAL-EDUCATIONAL-EMPLOYMENT PROBLEMS AND PROGRAMS FOR THE DISABLED AND DISADVANTAGED**

Instructors: Meyer S. Siegle, M.A.; Rosalind R. Zuger, M.A.; Joyce C. Mesch, M.A.; Nancy Esibill, M.A.

For: Agency Administrators, Government Officials, School and College Officials, School Guidance Counselors, Special Education Teachers, Rehabilitation Counselors and Supervisors, Placement Specialists, Physicians, Psychologists, Social Workers

**Description and Objectives:**

The objective of this program is to assist public and private agencies and programs to improve vocational, employment and educational services for the disabled and the disadvantaged. The program's objective is accomplished by advisory and consultative services offered through discussions, conferences, seminars and correspondence. Direct services may also be offered to disabled and disadvantaged clients of these agencies.

Examples of program activities: Consultations and conferences with state rehabilitation agency personnel on services

for quadriplegics and the severely disabled; participant in nationwide conferences on spinal cord injured sponsored by the United States Veterans Administration; lectures and consultation for Bronx Veterans Administration Spinal Cord Injury Center; seminar on rehabilitation of severely disabled, International Association of Rehabilitation Facilities; Advisory Committee, Jersey City Job Corps for Women; Advisory Committee on Vocational Education, New York City Board of Education; Mayor's Advisory Committee on the Handicapped.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates also vary

For Registration or Additional Information write to:

Meyer Siegel, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**052 CORRELATED EDUCATIONAL-EMPLOYMENT PROGRAM FOR DISABLED HIGH SCHOOL STUDENTS**

Instructors: Meyer S. Siegel, M.A.; Joyce C. Mesch, M.A.; Nancy Esibill, M.A.; Rosalind R. Zuger, M.A.

For: Disabled High School Students

**Description and Objectives:**

This program was initiated in September 1971. Because of the limited staff time available, only a few students can participate at this time. Disabled high school students participate in after-school job experiences and receive counseling and other appropriate vocational rehabilitation services. The objectives of this program are: through meaningful job experiences and related vocational services to stimulate personal and vocational growth; develop suitable vocational goals; improve work habits; improve the school staff's awareness of the disabled student's needs and educational-vocational potential; stimulate interest in rehabilitation and health careers; reduce potential for economic dependence.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates vary

For Registration or Additional Information write to:

Meyer Siegel, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

30

RT-1

053 FIELD WORK PLACEMENT IN REHABILITATION  
COUNSELING

Instructors: Meyer S. Siegel, M.A.; Joyce C. Mesch, M.A.; Nancy  
Esibill, M.A.; Rosalind R. Zuger, M.A.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

Six rehabilitation counseling students received a supervised experience in the principles and practices of a comprehensive program of vocational services including counseling, testing and vocational evaluation, educational and vocational planning job placement and followup, functioning as a member of a multi-discipline rehabilitation team, relating to state and private rehabilitation agencies and schools, community resources. In addition, the students attended seminars and lectures dealing with medical-psychological, social and vocational aspects of rehabilitation medicine.

Two graduate students in rehabilitation counseling were provided with a 100-hour supervised experience in employment counseling and job placement.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 7 hours per day for 22 days; January 1972 to December 1972

For Registration or Additional Information write to:

Meyer Siegel, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

054 INTRODUCTION TO PRINCIPLES AND PRACTICES  
OF VOCATIONAL REHABILITATION

Instructors: Meyer S. Siegel, M.A.; Rosalind R. Zuger, M.A.; Joyce  
C. Mesch, M.A.; Nancy Esibill, M.A.

For: Physical Therapists, Occupational Therapists, Psychologists, Social Workers, Rehabilitation Counselors, Nurses, Rehabilitation Counseling Students, College Students, High School Students, Medical Students, Physicians, Teachers, Guidance Counselors, Orthotics and Prosthetists, Personnel Representatives, Recreation Therapists, Home Economists, Parents

Description and Objectives:

Lectures, seminars and observations covering the areas of rehabilitation, philosophy, counseling, vocational assessment, education, training, placement, federal-state program and community resources.

The objective of this program is to provide people in other fields and professions with information and experiences that will develop in them a more sensitive awareness of the principles, practices and services of vocational rehabilitation as it relates to their own roles and needs.

KT-1

31

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates also vary

For Registration or Additional Information write to:

Meyer Siegel, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

055 MEDICAL-PSYCHOLOGICAL-VOCATIONAL ASPECTS OF REHABILITATION

Instructor: Meyer S. Siegel, M.A.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

To provide the students with basic medical information, an understanding of the psychosocial and vocational impact of disability and illness, and an awareness of the principles and practices of the comprehensive multidiscipline approach to rehabilitation medicine. This is a one-semester, six-credit course required of all students in the New York University Rehabilitation Counseling Program. The course consists of lectures, seminars and presentations, and observation of the Institute of Rehabilitation Medicine programs and services.

Maximum Enrollment: 32; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 30 days; September 1972 to January 1973

For Registration or Additional Information write to:

Meyer Siegel, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

056 SUMMER WORK STUDY PROGRAM FOR ECONOMICALLY DISADVANTAGED AND DISABLED YOUTH

Instructors: Meyer S. Siegel, M.A.; Muriel Levenstein, M.A.; Joan Ross, M.A.

For: Disabled and Disadvantaged High School and College Students

Description and Objectives:

Forty-seven disabled and disadvantaged youth participated in a summer work program that included supervised job experiences, counseling, orientation to rehabilitation principles and to rehabilitation and health careers. A weekly stipend of \$62.50 was provided for the eight-week program. Of the 47 youths, 40 were physically disabled; 15 were unable to use public transportation.

The program's objectives included: enhancing personal growth and reducing potential dependency; encouraging full use of potential for work and independence; stimulating interest in health and rehabilitation careers; improving attitudes toward the disabled; to demonstrate to educators, school counselors, anti-poverty agencies and the employment services that severely disabled students can be recruited and successfully placed in summer jobs.

Maximum Enrollment: 47; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 40 days; July 1972 to August 1972

For Registration or Additional Information write to:

Meyer Siegel, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

057 DRIVER AND TRAFFIC SAFETY EDUCATION FOR THE PHYSICALLY HANDICAPPED E18 2009

Instructor: Jiri Sipajlo, A.M.

For: Driver Education Teachers in New York State

Description and Objectives:

The specific objective of this program is to prepare teachers qualified to teach physically handicapped persons to meet the requirements of the driving task and to understand the role of the handicapped drivers in society in which the vehicle plays an important role in their economic and psychosocial adjustment.

Significant numbers of physically disabled individuals, in and out of school, are denied driver education since no prepared teachers exist to meet their need. The general objective of this program is to introduce, for the first time in this state and in the nation, a teacher preparation course for instructors of physically handicapped drivers.

Maximum Enrollment: 13; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 15 days; June 1972 to July 1972

For Registration or Additional Information write to:

Jiri Sipajlo, A.M.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

058 ANNUAL SHORT COURSE IN PEDIATRIC HABILITATION

Instructors: Chester A. Swinyard, M.D., Ph.D.; Leon Greenspan, M.D.

For: Psychiatrist, Pediatrician

**Description and Objectives:**

A comprehensive combined didactic and clinical presentation of the diagnostic evaluation and management of the principal categories of handicapped children.

Although the emphasis is on treatment principles and details, the didactic presentations are designed to make clear the philosophic rationale for the clinical approach to the problem.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 5 days; November 13, 1972 to November 17, 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director of Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**059 THE CHILD WITH SPINA BIFIDA: THE BIRTH DEFECT AND CLINICAL MANAGEMENT OF THE PROBLEMS**

Instructors: Chester A. Swinyard, M.D., Ph.D.; Leon Greenspan, M.D.; Angeles Badell-Ribera, M.D.; Phyllis Gillette, P.H.N.

For: Nurses, Physical Therapists

**Description and Objectives:**

This was the first of three such courses planned for the academic year, 1971-1972.

This is essentially a practical, two-day workshop on spina bifida primarily designed to fit the needs of nurses and physical therapists.

The course includes lectures, demonstrations clinics and practical instruction illustrating the nature of the birth defect and overall management with special reference to nursing care and physical therapy.

Maximum Enrollment: 21; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; February 7, 1972 to February 8, 1972 and May 15, 1972 to May 16, 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.  
Director of Research and Training  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**060 CLINICAL BIOMECHANICS**

Instructors: Erwin R. Tichauer, Sc.D.; Sanders W. Davis, M.D.



For: Medical Students

Description and Objectives:

This is an elective course for third and fourth year medical students. The principal objective of this course is to demonstrate how the mechanics and pathomechanics of human motion permit the diagnosis of an individual's capacity to handle real work situations, commonly used tools and activities of daily living. In this year's project, students were engaged in the measurement and analysis of the pathomechanics of children afflicted which were compared and contrasted with those of the healthy child and adolescent. By such comparison and analysis, it may be possible to diagnose motion disorders long before they become clinically apparent; and thus begin corrective action by way of therapy or training early enough to prevent, or at least substantially ameliorate, in many cases the social and vocational disabilities resulting from neuromuscular disease.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 6 hours per day for 50 days; January 1972 to December 1972

For Registration or Additional Information write to:

Erwin Tichauer, Sc.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

061 GRADUATE TRAINING IN OCCUPATIONAL BIOMECHANICS

Instructors: Erwin R. Tichauer, Sc.D.; Sanders W. Davis, M.D.; Georg Shultz, M.S.; Calman Gold, M.E.; Matthew Miller, M.A.

For: Engineers, Physiotherapists, Nurses, Physicians, Safety Specialists, Biomechanics Specialists

Description and Objectives:

This is a sequence of six courses for members of the health professions, and engineers engaged in problems of physically and socially impaired workers. The curriculum includes consideration of the human musculoskeletal system as a mechanical structure; identification of anatomical failure points in man-task systems; design and evaluation of work situation and equipment for the disabled; trauma prevention and control; use of electrophysiological and biomechanical instrumentation applied to the measurements of work tolerance and to the design of training programs for the disabled. Special problems of women at work. Practical work with human subjects and demonstrations in industry.

Students become qualified to accelerate the integration of the disabled into productive industrial society under competitive conditions with the objective of achieving economic independence as early as possible. Students also learn to design workplaces adapted to the special needs of the physically dis-

RT-1

35

abled as well as the socially disadvantaged, and, finally, to develop training programs of practical usefulness for rehabilitation.

Maximum Enrollment: 127; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 64 days; September 1972 to June 1973

For Registration or Additional Information write to:

Erwin Tichauer, Sc.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**062 IN-SERVICE TRAINING IN BIOMECHANICS**

Instructors: Erwin R. Tichauer, Sc.D.; George Schulz, M.S.; Calman Gold, M.E.; Matthew Miller, M.A.

For: Medical Students, Rehabilitation Counselors, Physical Therapists, Occupational Therapists, Physicians, Post-graduate Engineering Students, Air Force Safety Officers

**Description and Objectives:**

The purpose of this heterogenous set of activities is to disseminate knowledge about biomechanics as applied to disability prevention and amelioration of vocational aftereffects of disability to professionals who, through supervision of workplace design or counseling, can apply the knowledge to the benefit of individual, socially or physically impaired people in industrial work situations. A secondary purpose is to stimulate young people to take up a career in Biomechanics as applied to rehabilitation.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2-8 hours per day for 1 day; dates vary

For Registration or Additional Information write to:

Erwin Tichauer, Sc.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**063 MULTIDISCIPLINARY SUMMER SCHOOL IN BIOMECHANICS**

Instructors: Erwin R. Tichauer, Sc.D.; Sanders W. Davis, M.D.; Georg Schulz, M.S.; Calman Gold, M.E.

For: Graduate Physical Therapy Students, Medical and Pre-medical Students

**Description and Objectives:**

This is a 10-week summer session aiming to provide students of medicine, of engineering and of the allied health professions

with the practical skills and basic know-how necessary to perform multidisciplinary teamwork in rehabilitation. Within the context of this project, medical students are concerned with the rehabilitee's health and fitness for work, engineering students concentrate on the principles of the design of a work situation to suit the needs of the disabled, and members of the allied health professions focus primarily upon guidance and adaptation of the rehabilitee towards competitive success in a real work situation. It was shown that the three types of trainees, evaluated still in the formative phase of professional preparation, can be made more appreciative of the value of multidisciplinary cooperation in the solution of problems relating to difficulties experienced by rehabilitees in man-task situations. All trainees receive intensive theoretical and practical instruction, muscle testing, evaluation of work tolerance, electromyography, kinesiology, and the operation of biomedical and bioelectrical laboratory equipment.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 50 days; July 1972 to September 1972

For Registration or Additional Information write to:

Erwin Tichauer, Sc.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

064            ORIENTATION TO PSYCHODIAGNOSTIC TESTING

Instructor:    Aaron J. Weiss, Ph.D.

For:            Nurses, Social Workers, Rehabilitation Counselors,  
Physical Therapists, Occupational Therapists, Psychologists,  
Medical Residents, Attending Physicians

Description and Objectives:

Description and demonstration of intelligence and psychodiagnostic tests. Orientation to psychological testing.

Maximum Enrollment 26; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 24 days; January 1972 to December 1972

For Registration or Additional Information write to:

Aaron J. Weiss, Ph.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

065            PRINCIPLES OF PSYCHOLOGICAL FIRST AID

Instructor:    Aaron J. Weiss, Ph.D.

For:            Nurses, Social Workers, Rehabilitation Counselors,  
Physical Therapists, Occupational Therapists, Psychologists,  
Medical Residents, Attending Physicians

RT-1

37

**Description and Objectives:**

Presentation and discussion of specific principles and techniques which can be utilized by staff members in dealing with patients' psychological states.

**Maximum Enrollment:** 26; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 1 hour per day for 24 days; January 1972 to December 1972

**For Registration or Additional Information write to:**

Aaron J. Weiss, Ph.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**066 PSYCHOLOGICAL INTERNSHIPS**

**Instructors:** Aaron J. Weiss, Ph.D.; M. David Diamond, Ph.D.; Nona Tussman, M.A.

**For:** Psychologists

**Description and Objectives:**

Training in psycho-diagnostic testing (Intelligence and Projective Tests), individual psychotherapy and theory and practice in Rehabilitation Medicine. The intern is extensively involved in all facets of our patient-care program and is intensively supervised.

**Maximum Enrollment:** 1; Outside Applicants Not Accepted; Academic Credit Available

**Schedule:** Long-term; 7 hours per day for 60 days; May 1972 to August 1972

**For Registration or Additional Information write to:**

Aaron Weiss, Ph.D.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

**067 PSYCHOLOGICAL PRINCIPLES APPLIED TO PATIENT CARE**

**Instructors:** Aaron J. Weiss, Ph.D.; Nona Tussman, M.A.

**For:** Registered Nurses, Licensed Practical Nurses, Nurses' Aides

**Description and Objectives:**

Discussion of patient problems and intra-staff relationships. Orientation to psychotherapeutic principles which can be utilized by staff members in patient care.

**Maximum Enrollment:** 10; Outside Applicants Not Accepted; Academic Credit Not Available

**Schedule:** Long-term; 1 hour per day for 48 days; January 1972 to December 1972

For Registration or Additional Information write to:  
 Aaron J. Weiss, Ph.D.  
 Institute of Rehabilitation Medicine  
 400 East 34th Street  
 New York, New York 10016

068 PSYCHOLOGICAL CONFERENCE

Instructor: Aaron J. Weiss, Ph.D.

For: Nurses, Social Workers, Rehabilitation Counselors,  
 Physical Therapists, Occupational Therapists, Psychol-  
 ogists, Speech Pathologists, Medical Residents, Attend-  
 ing Physicians

Description and Objectives:  
 Presentation of cases and lectures on selected psychological  
 topics. Psychological and social orientation for Rehabilitation  
 Medicine Staff.

Maximum Enrollment: 39; Outside Applicants Not Accepted;  
 Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 12 days; January 1972 to  
 December 1972

For Registration or Additional Information write to:  
 Aaron J. Weiss, Ph.D.  
 Institute of Rehabilitation Medicine  
 400 East 34th Street  
 New York, New York 10016

069 VOCATIONAL COUNSELOR INTERNSHIPS

Instructors: Aaron J. Weiss, Ph.D.; Miriam Vasar, M.S.; Margaret  
 Kenney, M.A.

For: Graduate Rehabilitation Counseling Students

Description and Objectives:  
 Orientation of graduate rehabilitation counseling students to  
 general functioning of our Rehabilitation Service with specific  
 emphasis on vocational services.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic  
 Credit Available

Schedule: Short-term; 2½ hours per day for 3 days; January 1972 to  
 December 1972

For Registration or Additional Information write to:  
 Aaron Weiss, Ph.D.  
 Institute of Rehabilitation Medicine  
 400 East 34th Street  
 New York, New York 10016

070 PSYCHOLOGY INTERNSHIP

Instructors: Herbert Zaretsky, Ph.D.; William Paradowski, Ph.D.

RT-1

39

For: Psychologists

**Description and Objectives:**

The program's objective is to provide both education and relevant professional experience in a rehabilitation setting for advanced graduate students in psychology which is part of the American Psychological Association approved internship program at the Institute of Rehabilitation Medicine; aspires to stimulate the interest of students toward considering a career in the rehabilitation area. The intern is educated in the methods of psychologic assessment and treatment and given, under supervision, patient cases to serve as practicum training. Additionally, for experience, the intern serves as a participant-observer in various activities of psychology: group therapy sessions, ward meetings, "Young Adult" ward re-evaluations, etc. Finally, for their academic benefit, a series of seminars and lectures are prepared covering both clinical and research topics.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 64 days; January 1972 to December 1972

For Registration or Additional Information write to:

Herbert Zaretsky, Ph.D.  
Goldwater Memorial Hospital  
Department of Rehabilitation Medicine  
Welfare Island, New York

071 FUNCTIONAL AIDS AND ADAPTATIONS FOR THE PHYSICALLY DISABLED E 31.1756

Instructor: Muriel E. Zimmerman, M.A.

For: Occupational Therapy Students

**Description and Objectives:**

A lecture-demonstration-group participation presentation on evaluation and use of self-help devices, designed to teach objectives and analytical application. Includes laboratory experience in study and use of materials and design as they relate to assistive equipment.

The objectives of the course are to prepare the occupational therapist to be able to provide the disabled person with independence in vocational and/or personal needs. This may be done on a consulting or supervisory basis or on the treatment level.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 16 days; February 1972 to May 1972

For Registration or Additional Information write to:

Muriel Zimmerman, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

40

RT-1

072 PARTICIPATION IN CONTINUING INSTITUTE OF  
REHABILITATION MEDICINE TRAINING  
PROGRAMS

Instructors: Muriel E. Zimmerman, M.A.; Mrs. John Lincoln, B.A.

For: Registered Nurses, Registered Physical Therapists,  
Registered Occupational Therapists, Physicians, Resi-  
dents, Student Occupational Therapists, Summer Expe-  
rience Students

Description and Objectives:

Presentation of information on self-help devices (adaptive equip-  
ment) to paramedical personnel to aid in knowledge and  
practice in this area of rehabilitation, with the objective of  
providing vocational and self-care independence of the disabled  
person. Stress is laid on evaluation of functional needs for  
proper selection of equipment.

Maximum Enrollment: 40; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates  
also vary

For Registration or Additional Information write to:

Muriel Zimmerman, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

073 PROGRAM TO IMPROVE EMPLOYER RECEP-  
TIVITY TO THE HIRING OF THE DISABLED  
PERSON

Instructor: Rosalind R. Zuger, M.A.

For: Employers and Company Representatives

Description and Objectives:

This program's objective is to improve employer's receptivity to  
hiring the physically disabled. This objective is pursued through  
a variety of activities: seminars at the Institute of Rehabilita-  
tion Medicine for employers and personnel representatives;  
company-based conferences and discussions with company  
representatives; consultation with a television program director;  
the Chairman of the Committee for the Specialized Placement  
of the Handicapped appeared on a television program, as did  
several Institute of Rehabilitation Medicine staff. The commit-  
tee members play a valuable role in educational and public  
relations activities toward improving employment opportunities  
for the severely disabled.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Long-term; hours per day and number of days vary; dates  
vary

RT-1

41

For Registration or Additional Information write to:  
Rosalind R. Zuger, M.A.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016

074 DRIVER TRAINING FOR THE PHYSICALLY  
HANDICAPPED

Instructor: Jiri Sipajlo, A.M.

For: Driver Education Teachers in State of New York

**Description and Objectives:**

The specific objective of this program is to prepare teachers qualified to instruct physically handicapped persons to meet the requirements of the driving task and to understand the role of the handicapped drivers in society in which the vehicle plays an important role in their economic and psychosocial adjustment.

Significant numbers of physically disabled individuals, in and out of school, are denied driver education since no prepared teachers exist to meet their need. The general objective of this program is to introduce, for the first time in this state and in the nation, a teacher preparation course for instructors of physically handicapped drivers.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 13 days; January 1972 to December 1972

For Registration or Additional Information write to:  
Jiri Sipajlo, A.M.  
Institute of Rehabilitation Medicine  
400 East 34th Street  
New York, New York 10016



## RT-2

University of Minnesota

**075 REFRESHER COURSE FOR OCCUPATIONAL THERAPISTS**

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; et al.

For: Occupational Therapists

**Description and Objectives:**

This course is developed for the purpose of bringing the participants up-to-date on current occupational therapy practice and provide a launching point for additional self-study and return to work. It also offers an orientation to current occupational therapy theory and therapeutic techniques used in the psychosocial and the physical dysfunction settings.

Approximately 10 hours are devoted to each of these major areas, including a review of the cerebrovascular system, hemiplegic evaluation, adaptive equipment and splinting and group processes. The remaining time is applied towards consultancy/supervision, Medicare and community resources, specialty interest areas, and employment opportunities. An additional week of clinical experience in the metropolitan or home community is made available for those interested.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5-10 days; October and March

For Registration or Additional Information write to:

Anita P. Smith, Director  
Continuing Education  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404

**076 COURSE IN MANAGEMENT OF CEREBRAL PALSY**

Instructors: Daniel Halpern, M.D.; Frederic J. Kottke, M.D., Ph.D.; Jessie K. Easton, M.D.; et al.

For: Physiatrists, Pediatricians, Orthopedists and Pediatric Neurologists

**Description and Objectives:**

A one-week series of lectures, demonstrations and audiovisual aids on the practical management of cerebral palsy for physicians. The subject matter included motor organization of central nervous system, spinal and supraspinal reflexes, intellectual and linguistic abilities, analysis of gait pattern, identification of problems and goal settings, prescription of treatment, training of muscular control, orthopedic surgery, lower and upper extremities, and principles of bracing and splinting.

44

RT-2

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 6 days; October 11, 1972 to October 16, 1972

For Registration or Additional Information write to:

Dr. Daniel Halpern  
Box 297, Mayo  
University of Minnesota  
Minneapolis, Minnesota 55455

077 GRADUATE FELLOWSHIP IN PHYSICAL MEDICINE AND REHABILITATION

Instructors: Frederic J. Kottke, M.D., Ph.D.; Glenn Gullickson, M.D., Ph.D.; et al.

For: Graduate Medical Students

Description and Objectives:

This is a three-year program for the training of physicians in rehabilitation medicine. The objective is to teach physicians the proper care and comprehensive rehabilitation techniques for the disabled individual and the development of new methods through research.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day; continuous scheduling

For Registration or Additional Information write to:

Dr. Frederic J. Kottke, Dept. of PM&R  
Box 297, Medical School  
University of Minnesota  
Minneapolis, Minnesota 55455

078 PRACTICUM IN VOCATIONAL REHABILITATION COUNSELING

Instructors: Gary T. Athelstan, Ph.D.; Nancy M. Grewe, Ph.D.; Garland Meadows, M.S.

For: R.S.A. Vocational Rehabilitation Counseling Trainees and Counseling Psychology Graduate Students

Description and Objectives:

To develop basic interviewing, assessment and counseling skills in graduate students aspiring to work as counselors in rehabilitation settings.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; September 1, 1972 to August 31, 1973

RT-2

45

For Registration or Additional Information write to:  
Dr. Gary T. Athelstan, Dept. of PM&R  
Medical School  
University of Minnesota  
Minneapolis, Minnesota 55455

079 GRADUATE PROGRAM IN PHYSICAL THERAPY

Instructors: Helen Skowlund, M.S., R.P.T.; Martin O. Mundale,  
M.S., R.P.T.

For: Graduate Students in Physical Therapy

Description and Objectives:

Program designed to prepare qualified physical therapists for  
M.S. degrees either with or without thesis required. Prepares  
students for either academic careers at the University level or at  
the junior college level or as clinical supervisors.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic  
Credit Available

Schedule: Long-term; September to June

For Registration or Additional Information write to:  
Helen Skowlund, Dept. of PM&R  
Box 297, Mayo Building  
University of Minnesota  
Minneapolis, Minnesota 55455

080 COURSE IN OCCUPATIONAL THERAPY

Instructors: Marvin G. Lepley, B.S., O.T.R.; et al.

For: Upper Division Students

Description and Objectives:

Professional program to prepare students for careers as  
occupational therapists.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic  
Credit Available

Schedule: Long-term; October 1, 1972 to September 30, 1973

For Registration or Additional Information write to:  
Mr. Marvin G. Lepley  
Box 297, Mayo Building  
University of Minnesota  
Minneapolis, Minnesota 55455

081 COURSE IN PHYSICAL THERAPY

Instructors: Wilbur L. Moen, B.S., R.P.T.; et al.

For: Upper Division Students

Description and Objectives:

Professional program to prepare students for careers as physical  
therapists.

46

RT-2

Maximum Enrollment 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; October 1, 1972 to September 30, 1973

For Registration or Additional Information write to:

Mr. Wilbur L. Moen  
Box 297, Mayo Building  
University of Minnesota  
Minneapolis, Minnesota 55455

082 SEX EDUCATION FOR SPINAL CORD INJURIES

Instructors: Theodore M. Cole, M.D.; Pearl Rosenberg, Ph.D.;  
Thomas Anderson, M.D.

For: Disabled and Corresponding Partners

Description and Objectives:

Desensitizing and re-sensitizing sex education workshop involving multi-medium educational devices; i.e., sound, music, films and large and small group discussion.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 16 days; scheduled periodically

For Registration or Additional Information write to:

Dr. Theodore Cole  
Box 297, Mayo Building  
University of Minnesota  
Minneapolis, Minnesota 55455

083 NURSING ADMINISTRATION IN NURSING HOMES

Instructors: Ruth Stryker, R.N., M.A.; Beverly Fahland, R.N.;  
Arlene Graupmann, R.N., M.N.A.; Catherine Coles,  
R.N., B.S.; Florence Deaner, R.N., B.S.; and Martha  
Christiansen, R.N., B.S.

For: Directors of Nursing Services in Nursing Homes

Description and Objectives:

This course is designed to improve the knowledge, abilities and skills of directors of nursing services in nursing homes.

One nursing responsibility is discussed in depth each day: 1) Overall management of nursing; 2) Patient care planning; 3) In-service education; and 4) Utilization of personnel. The course is offered one day a month for four consecutive months in order to make the course available for more students who cannot take much time away from their jobs. Student participation is emphasized by requiring extensive assignments during the month's interval between class sessions.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 4 days; offered 4 times a year

RT-2

47

For Registration or Additional Information write to:

Director, Nursing Education  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404

**084 PREVENTIVE NURSING SKILLS FOR L.P.N.'s**

Instructors: Ruth Stryker, R.N., M.A.; Beverly Fahland, R.N.;  
Arlene Graupmann, R.N., M.N.A.; Catherine Coles,  
R.N., B.S.; Florence Deaner, R.N., B.S.; and Martha  
Christiansen, R.N., B.S.

For: L.P.N.'s

**Description and Objectives:**

This course is designed to increase the ability of the L.P.N. to perform selected skills required for patients with a chronic or long-term illness or disability.

To our knowledge, this continues to be the only course in rehabilitation nursing for L.P.N.'s offered in the United States. It is mainly concerned with teaching rehabilitation nursing techniques to L.P.N.'s who often have responsibility beyond their preparation. It is designed particularly to meet the needs of nursing home personnel.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; December to February

For Registration or Additional Information write to:

Director, Nursing Education  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404

**085 MEDICAL FACTORS IN VOCATIONAL REHABILITATION**

Instructors: D. Wittcoff, B.S.; J. Steen, Jr., M.A.; E. Perkins, Ed.D.;  
W. Reed, Ph.D.

For: D.V.R. Counselors

**Description and Objectives:**

This course is designed to provide the rehabilitation counselor with relevant medical, psychological and sociological information about temporary and chronic disability, multiple rehabilitation goals, processes, facilities and resources. It proposes to enable the counselor to communicate with the client and other rehabilitation team specialists in order to improve the effectiveness of the total rehabilitation process.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 6 hours per day for 5 days; offered 10 times per year

For Registration or Additional Information write to:

D. Wittcoff  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404

**086 SUPERVISION OF SUPPORTIVE PERSONNEL FOR  
THE HEALTH PROFESSIONAL**

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; Russell  
Havir, M.P.H.; et al.

For: Supervisors of Allied Health Personnel

**Description and Objectives:**

Most supervisory health personnel have had minimal formal education in the supervision of personnel. Consequently, this course is designed to aid them both in coping with complex service patterns in the delivery of patient care and in assuring maximum utilization of assistants and aides under their direction. This program is offered to increase their basic knowledge in areas of leadership, motivation, work organization, assessment and rating form development, interpersonal communication, staff development and audiovisual media.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 6 days; November and May

For Registration or Additional Information write to:

Anita P. Smith, Director, Continuing Education  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404

**087 SEMINAR ON REHABILITATION OF THE STROKE  
PATIENT**

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; Russell  
Havir, M.P.H.; et al.

For: Health Professionals

**Description and Objectives:**

This two-day program is designed to provide an in-depth presentation and discussion of a problem-oriented approach to rehabilitation of stroke patients. Some questions treated were: How does the medical problem of stroke relate to the physical and intellectual result? How does a problem-oriented approach apply to the rehabilitation of the stroke patient? How are the problems resulting from stroke recognized, evaluated and managed by members of the team?

The seminar is open to physicians, nurses, physical therapists, speech therapists, social workers, and other interested health professionals. Faculty consists of Kenny Institute clinical staff including a psychiatrist, social worker, psychologist, physical therapists, speech therapist, occupational therapist, and nurse.

RT-2

49

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; June 3, 1973 to June 4, 1973

For Registration or Additional Information write to:

Anita P. Smith, Ph.D.  
Director, Continuing Education  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404

088 REHABILITATION METHODS IN SOCIAL WELFARE

Instructors: E. Dietrich, B.A.; D. Wittcoff, B.S.; and J. Bambery, M.S.W.

For: Social Caseworkers

Description and Objectives:

This course is designed to educate practicing social workers in the process of physical rehabilitation and in the social, psychological and medical aspects of a wide range of disease and disability.

The course content is centered on diseases, disabilities and other related disorders that are treated at Kenny Rehabilitation Institute and similar rehabilitation facilities. Emphasis is also placed on the functions of the paramedical services in the team approach to evaluation, treatment, discharge planning and vocational potential of the patient, and the role of the social worker in this process.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 5 days; offered 4 times a year

For Registration or Additional Information write to:

E. Dietrich  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404

089 WORKMEN'S COMPENSATION SEMINAR

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; Russell Havir, M.P.H.; et al.

For: Insurance Agents

Description and Objectives:

The purpose of this seminar is to give insurance agents a better understanding of the implications of disability resulting from accidents so as to enable them to deal more effectively with accident claims.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Not Available

50

RT-2

Schedule: Short-term; 6 hours per day for 1 day; January 26, 1973

For Registration or Additional Information write to:

Anita P. Smith  
Director, Continuing Education  
Kenny Rehabilitation Institute  
1800 Chicago Avenue  
Minneapolis, Minnesota 55404



## RT-3

University of Washington

## 090 MEDICAL STUDENT ELECTIVES IN REHABILITATION MEDICINE

Instructors: Medical faculty assisted by other members of the Rehabilitation Team

For: Medical Students

## Description and Objectives:

First Year Clinical Elective in Physical Medicine and Rehabilitation (3). This course will provide emphasis on comprehensive evaluation of the patient, his disability and the interaction of the patient and his disability with his environment. Experience in the use of physical therapy for various disabilities, discussion of the psychological aspects of disability and the evaluation of the patient for ability to function will be included.

Second Year Clinical Elective in Physical Medicine and Rehabilitation (18). Special emphasis on the technique of eliciting historical and physical evidence of ability of the patient to function in his environment. Topics will include transfer abilities, normal and abnormal gait, reambulation, communication disorders, modalities in physical medicine, psychological aspects of disability, learning aspects in chronic disease, vocational evaluation, principles of physical and occupational therapy, educational problems of the disabled, neuromuscular electrodiagnosis, braces and prosthetics. Patients with stroke, amputation, spinal cord injury, arthritis and multiple injuries will be followed. Patient care responsibilities will be assumed by the student appropriate with his level.

Neuromuscular Electrodiagnosis (2). Lecture-demonstration of fundamentals of electromyography and peripheral nerve stimulation followed by student participation in clinical electrodiagnosis examinations. An effort will be made to develop in the student an awareness of the usefulness of these tests so that he will, in the future, know when such procedures are indicated for his patients and will be able to interpret the results rather than to develop proficiency in performing these examinations.

Clinical Biomechanics and Kinesiology (3). The physical and mechanical properties of the musculoskeletal system will be discussed. Mechanical principles used in the functional replacement using ambulation aids, braces and prosthesis will be reviewed. Emphasized will be the basic understanding of the biomechanical principles involved, as well as discussion of the clinical application, as they relate to normal and abnormal patterns of motion. The development and correction of deformities is discussed.

Operant Methods in Management of Chronic Disease and Chronic Pain (3). This course will demonstrate the place of learning concepts in understanding chronic disease and disability, review operant theory and methods and provide limited practicum in their application.

Basic PM&R (3). A combined outpatient, inpatient and consultation experience, where the human organism is studied

as a social "being." The concept of disease is broadened to include the external environment. The student will learn the functional consequence in the environment to support maximal function, and the impact of the illness or disability on the people around the patient, in his environment. The concern is with the relationship of disability to work, social functioning and leisure time.

PM&R Clerkship-Pediatric (6, 9). A clerkship experience in the specific rehabilitation approaches for the disabling pediatric diseases. Includes school planning, family counseling, and community support services. Designed for those interested in Pediatrics.

PM&R Clerkship-Medical (6, 9). A clerkship experience in the specific rehabilitation approaches for the various "nonsurgical" diseases. Designed primarily for those interested in the medical (i.e., nonsurgical) specialties and tailored to the individual student's requirements.

PM&R Clerkship-Surgical (6, 9). A clerkship experience in the specific rehabilitation approaches for the various surgical problems. Designed primarily for those interested in the surgical specialties and tailored to the individual student's requirements.

PM&R Outpatient Clinics (3). A two half-day per week PM&R outpatient clinic experience emphasizing continuing care of the patient with chronic disease and disability in order to maintain optimum health and function. Evaluation of new patients in our outpatient management and the use of physical treatment for ambulatory pain and motion problems will also be stressed. Designed for those interested in family practice and internal medicine.

Physical Medicine and Rehabilitation Special Electives (9, 18). By specific arrangement, for qualified students, special clerkship, externship or research opportunities can at times be made available at institutions other than the University of Washington. Students wishing to elect this course should obtain from the Dean's Office a "Special Assignment" form at least one month before advance registration.

Undergraduate Thesis.

Undergraduate Research. Students are given the opportunity to participate in clinical and basic research under the direct supervision of an instructor. Topics presently under study are: Physiology of the locomotor system; Effects of physical agents and psycho-social-vocational aspects of disability. Common methods of the quantitative approach to basic and clinical problems as used in PM&R will be taught. Opportunities are given to use these methods in solving a research project.

Maximum Enrollment: variable; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; scheduled during calendar year

For Registration or Additional Information write to:

Dr. Alexander J. Masock, Instructor  
Department of Rehabilitation Medicine  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

091 GRADUATE CURRICULUM IN OCCUPATIONAL THERAPY

Instructors: Occupational Therapy Faculty; Psychology Faculty, plus other University of Washington graduate faculty

RT-3

53

For: Occupational Therapists who wish to pursue a career in teaching or administration in the field of occupational therapy

**Description and Objectives:**

The graduate program is designed for the registered occupational therapist to prepare him to become an academic or clinical educator administrator-supervisor, or a researcher in the field of occupational therapy. Departmental requirements include the taking of an approved theses. The balance of the required credits may be earned through appropriate elective courses directed to the student's area of interest. Foreign-language proficiency is not required. The program, based on an applicant's needs and prior preparation, may be planned to cover a span of one or two years. Opportunities for supervised teaching and administrative practice will be incorporated into the course of study.

Maximum Enrollment: 9; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; academic year

For Registration or Additional Information write to:

Miss Jennie A. Lucci, Assistant Professor and  
Head, Division of Occupational Therapy  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

092 UNDERGRADUATE CURRICULUM IN OCCUPATIONAL THERAPY

Instructors: Occupational Therapy Faculty; Medical Faculty; Psychology Faculty

For: Students who desire a career in occupational therapy

**Description and Objectives:**

Occupational therapy is the treatment, through planned activity, of persons who are physically or mentally ill or disabled by accident, disease or birth defects. Activities used for treatment include creative and manual arts, recreational, educational and prevocational activities, and skills of independent daily living. The curriculum in occupational therapy is planned to give the student a broad base in the liberal arts and humanities as well as specialized training. Since judgement is basic to effective application of skill and knowledge, the student is encouraged to develop the habits of investigation and continued study. This curriculum leads to the degree of Bachelor of Science in Occupational Therapy in the School of Medicine. The program is accredited by the American Occupational Therapy Association and the Council on Medical Education and Hospitals of the American Medical Association.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; full academic year

54

RT-3

For Registration or Additional Information write to:  
Miss Jennie A. Lucci, Assistant Professor and  
Head, Division of Occupational Therapy  
CC814 University Hospital  
Seattle, Washington 98105

093 UNDERGRADUATE CURRICULUM IN  
PROSTHETICS-ORTHOTICS

Instructors: Prosthetic-Orthotic Faculty and Medical Faculty

For: Students who desire a career in Prosthetics-Orthotics

Description and Objectives:

A Prosthetist-Orthotist is part of a professional medical team devoted to the evaluation and treatment of the physically handicapped. He is responsible for the design and fabrication of prosthetic and orthotic devices (artificial limbs and braces) and for helping handicapped patients of all ages to enjoy more functional and independent lives. The Prosthetics-Orthotics Program leads to the degree of Bachelor of Science.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; academic year

For Registration or Additional Information write to:  
Justus F. Lehmann, Professor and Chairman  
Department of Rehabilitation Medicine  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

094 UNDERGRADUATE CURRICULUM IN PHYSICAL  
THERAPY

Instructors: Physical Therapy Faculty, Medical Faculty, Psychology Faculty, Prosthetics-Orthotics Faculty

For: Students pursuing basic professional education in physical therapy

Description and Objectives:

The undergraduate curriculum in physical therapy requires four years and one summer for completion. Students are accepted into the professional portion of the program in the third year of the sequence. Graduates receive the B.S. in the Physical Therapy degree from the School of Medicine and are qualified to be licensed to practice. The curriculum is approved by the Council on Medical Education of the American Medical Association in collaboration with the American Physical Therapy Association.

Maximum Enrollment: 54; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; full academic year

For Registration or Additional Information write to:  
Miss Jo Ann McMillan, Assistant Professor and  
Head, Division of Physical Therapy

50

CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

**095 RESIDENCY TRAINING IN REHABILITATION  
MEDICINE**

**Instructors:** Medical Faculty; Psychology Faculty; Prosthetic-Orthotic Faculty; Speech Faculty

**For:** Physicians who wish to become specialists in the field of Rehabilitation Medicine

**Description and Objectives:**

The Department of Rehabilitation Medicine offers a residency training program providing training in comprehensive rehabilitation for a broad spectrum of patients ranging from the pediatric through the geriatric. This includes the diagnosis and management of neuromuscular, musculoskeletal, cardiovascular, pulmonary and other conditions leading to long-term and significant functional loss. Training is also offered in diagnosis, management and therapeutics of acute conditions as they are seen in the practice of physical medicine. Adequate experience is also provided for the acute and emergent problems as they may occur in patients cared for by the physiatrist.

**Maximum Enrollment:** variable; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; calendar year

**For Registration or Additional Information write to:**

Dr. Justus F. Lehmann, Professor and Chairman  
Department of Rehabilitation Medicine  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

**096 TEACHING SELF-CARE SKILLS**

**Instructors:** Rehabilitation Medicine Faculty

**For:** Personnel of nursing homes and extended care facilities

**Description and Objectives:**

To increase understanding of rehabilitation principles and to increase skill in teaching self-care techniques to disabled people.

**Maximum Enrollment:** 30; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term

**For Registration or Additional Information write to:**

Mrs. Rosemarian Berni  
Rehabilitation Nurse and Instructor  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

## 097 MASTER OF SCIENCE DEGREE PROGRAM

Instructors: Medical Faculty plus other University of Washington Graduate Faculty

For: Residents in Rehabilitation Medicine who wish to pursue a career in academic medicine

## Description and Objectives:

This program is aimed at the development of a training program for academicians in the field of Physical Medicine and Rehabilitation. The three-year residency program alone is felt to be less than optimal training for the pursuit of a future academic career in Physical Medicine and Rehabilitation. It is recognized that the present acute need for well-trained physicians in this field can be fulfilled only if adequate training facilities of high standards are available.

Maximum Enrollment: variable; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; calendar year

For Registration or Additional Information write to:

Dr. Justus F. Lehmann, M.D., Professor and Chairman  
Department of Rehabilitation Medicine  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

## 098 THE STROKE PATIENT

Instructors: Faculty of the Department of Rehabilitation Medicine

For: Families of stroke patients

## Description and Objectives:

To acquaint individuals with the cause, symptoms and result of cerebral vascular accident (stroke), to alert those caring for stroke patients to the need for rehabilitation, to teach the techniques of proper positioning, passive and active exercise in care of the patient, to explore the effects of using self-help in activities of daily living.

Maximum Enrollment: 30 per course; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; Each course consists of 4 weekly sessions; New course will be offered every 6-8 weeks

For Registration or Additional Information write to:

Dr. Justus F. Lehmann, Professor and Chairman  
Department of Rehabilitation Medicine  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

## 099 REHABILITATION NURSING PATHWAYS IN DEPTH

RT-3

57

Instructors: Rehabilitation Medicine Faculty

For: Nurses and Nursing Supervisors

Description and Objectives:

The course is designed to offer the graduate nurse sufficient theory and practice to enable her to lead in the development of rehabilitation nursing expertise in her area of practice; or to enable her to become a consultant-teacher in the rehabilitation nursing pathway she selects.

Maximum Enrollment: 5 per course; Outside Applicants Accepted;  
Academic Credit Not Available

Schedule: Short-term; monthly; September through July

For Registration or Additional Information write to:

Mrs. Rosemarian Berni  
Rehabilitation Nurse and Instructor  
Department of Rehabilitation Medicine  
CC814 University Hospital  
University of Washington  
Seattle, Washington 98105

## RT-4

Baylor University

100 ELECTIVE COURSE—DEPARTMENT OF PHYSICAL  
MEDICINE

Instructors: Medical Faculty

For: Junior and Senior Medical Students

## Description and Objectives:

Clinical Electromyography. The student will learn the theory and practice of clinical electromyography through lecture, demonstration and observation of the clinic electromyography service (Department of Physical Medicine) of the Methodist Hospital.

Clinical Correlations in Anatomy. The student will work up patients with neuromuscular-skeletal disorders and present them to a joint Anatomy-Physical Medicine Conference for discussion of the clinical diagnosis and treatment, and the anatomic basis of the disorder.

Rehabilitation Clerkship—Care of the Indigent Patient in the Hospital and in the Community. Using the services of the acute hospital (Physical Medicine, Ben Taub General Hospital), the rehabilitation ward (Jefferson Davis Hospital), and the Community Medicine Service (Ben Taub General Hospital), the entire scope of the rehabilitation process can be learned. The student clerk will be directly involved with the acute care of the patient admitted, he will then follow the medical and rehabilitative management and continue following the patient in his discharge setting under the supervision of the Community Medicine Service. All parameters of patient care from acute medicine through the impact of the family and community upon the patient and his disease process will be included.

Clinical Clerkship in Physical Medicine and Rehabilitation. The student will be responsible (under supervision) for the continuing medical and rehabilitative care of patients on the Physical Medicine and Rehabilitation Service at the Veterans Administration Hospital. He will attend and participate in rounds, seminars and other teaching activities of the service. In addition to usual medical clerk activities, the student will become acquainted with the social, psychological and vocational treatment and training activities ongoing at the Veterans Administration Hospital, in relation to his patients. He will be responsible for continuing followups of his discharged patients in the community.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Available

Schedule: academic year

For Registration or Additional Information write to:

Lewis A. Leavitt, M.D.  
Dept. of Physical Medicine  
Room D-129  
1333 Moursund Avenue  
Houston, Texas 77025



60

RT-4

101 PM&R AFFILIATED HOSPITALS RESIDENCY  
TRAINING PROGRAM OF BAYLOR COLLEGE OF  
MEDICINE

Instructors: Charles R. Peterson, M.D. and other Faculty of  
Departments of PM&R, Baylor College of Medicine

For: Physicians interested in specialization in the field of  
physical medicine and rehabilitation

Description and Objectives:

This is a three-year residency training program for physicians seeking specialization in physical medicine and rehabilitation. The program is carried out within the Physical Medicine programs and special rotations in other departments of the affiliated hospitals of Baylor College of Medicine including the Texas Institute for Rehabilitation and Research, Veterans Administration, The Methodist (including St. Luke's Episcopal and Texas Children's), Harris County Hospital District (including Ben Taub General and Jefferson Davis Hospitals). Those hospitals underlined are approved for three years of training by the Residency Review Committee for PM&R, representing the American Board of PM&R and the Council on Medical Education. As part of the resident's formal training, he rotates at the TIRR for three months during his three-year program.

The major objectives of this training program are to educate the physician in the basic principles and knowledge of the specialty and to prepare him for the American Board of Physical Medicine and Rehabilitation Examination.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Ideally, July 1, for three years of training

For Registration or Additional Information write to:

Lewis A. Leavitt, M.D., Chairman  
Department of Physical Medicine  
Baylor College of Medicine  
Room D-129  
1333 Moursund Avenue  
Houston, Texas 77025

102 FELLOWSHIP TRAINING IN PHYSICAL MEDICINE  
AND REHABILITATION

Instructors: Lewis A. Leavitt, M.D. and faculty of Departments of  
Physical Medicine and Rehabilitation

For: Physicians who have completed two or more years of  
residency training in PM&R or a related specialty

Description and Objectives:

This program is designed to give these physicians two years of additional experience in an academic environment in preparation for future careers in this field or a related specialty. A comprehensive integrated rehabilitation and research program involving basic clinical and allied sciences which include biomedical engineering, biomathematics, orthotics, prosthetics, psychology, and vocational counseling has been established.

Senior fellows will have the opportunity to develop professional capabilities in a favorable environment. They can

RT-4

61

participate in ongoing research that is being carried forth in neuromuscular electrophysiology, kinesiology, and ergonomics; automatic data processing and computing for measurement of disability and for retrievable research analysis. Other areas of research are available.

Teaching opportunities include undergraduate and graduate programs. These experiences will afford the physician an excellent opportunity to assume academic responsibilities in the field of physical medicine and rehabilitation.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day

For Registration or Additional Information write to:

Lewis A. Leavitt, M.D.  
Chairman, Department of Physical Medicine  
Room D-129  
1333 Moursund Avenue  
Houston, Texas 77025

103 CLINICAL TRAINING FOR OCCUPATIONAL THERAPY ASSISTANT STUDENTS

Instructors: Mary Joyce Newsom, OTR; Jacqueline Harrison, OTR; Beverly Hopkins, OTR; Marilyn Kraft, OTR; Maureen Parker, OTR; Marit Hatfield, OTR; Dorothy Beard, COTA.

For: Students with approved curriculum in Occupational Therapy who have been referred to us by their schools

Description and Objectives:

Before these students can become certified by the American Occupational Therapy Association they must have successfully completed four-weeks training in a physical disabilities program and four weeks in a psychiatric program. Students come to us for their physical disabilities training. They are given responsibilities in assisting with the planning of treatment programs and treatment of patients under the direction of a registered therapist. They are given the opportunity to report verbally and in writing to other staff members of the patient care team. By the end of the training program they are expected to be familiar with Occupational Therapy modalities and to be able to carry out treatment programs under the guidance of a registered therapist.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Available (given by school)

Schedule: 8 hours per day for 20 days

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R.  
Clinical Supervisor  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

104 PRECLINICAL TRAINING FOR OCCUPATIONAL THERAPY STUDENTS

Instructors: Mary Joyce Newsom, O.T.R.; Jacqueline Harrison, O.T.R.; Beverly Hopkins, O.T.R.; Marilyn Kraft, O.T.R.; Maureen Parker, O.T.R.; Marit Hatfield, O.T.R.

For: Students from schools with approved curriculum in Occupational Therapy who have been referred to us by their schools

Description and Objectives:

This program was initiated in the Occupational Therapy curriculum at Texas Woman's University for their sophomore students. The primary objective is to give the student an opportunity to see Occupational Therapy in practice and to provide the student the experience of participating in a hospital program. They are assigned to work with a registered therapist and to assist with patient treatment.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Available (given by school)

Schedule: 8 hours per day for 15 days

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R., Clinical Supervisor  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

105 CLINICAL TRAINING FOR OCCUPATIONAL THERAPY STUDENTS

Instructors: Mary Joyce Newsom, O.T.R.; Jacqueline Harrison, O.T.R.; Beverly Hopkins, O.T.R.; Marilyn Kraft, O.T.R.; Maureen Parker, O.T.R.; Marit Hatfield, O.T.R.

For: Students from schools with approved curricula in Occupational Therapy who have been referred to us by their schools

Description and Objectives:

A prerequisite for taking the Occupational Therapy registration exam is nine months in clinical affiliations. Students come to us for a three-month affiliation in physical disabilities and/or Pediatrics. Our program for these students has been approved by the American Occupational Therapy Association. During the three months they learn the practical application of their classroom training by evaluation of patients, planning of treatment programs, and patient treatment. They attend lectures given by other departments within the Institute, and write and present a research paper on a topic of interest. By the end of their affiliation they are expected to have a working knowledge of physically disabled patients and the modalities used for their treatment.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Available (given by school)

Schedule: 8 hours per day for 13 weeks

RT-4

63

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R., Clinical Supervisor  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

106 INTRODUCTION TO OCCUPATIONAL THERAPY  
TECHNIQUES IN REHABILITATION

Instructors: Mary Joyce Newsom, O.T.R.; Jacqueline Harrison,  
O.T.R.

For: Baylor College of Medicine Students

Description and Objectives:

A series of informal lectures designed to acquaint the student with the theory and application of Occupational Therapy as it relates to the physically disabled patient with emphasis on the physical, emotional and social needs connected with the disability. The student has the opportunity to learn what can be expected of an Occupational Therapy program, to evaluate types of disabilities and to plan Occupational Therapy treatment goals.

Maximum Enrollment: —; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 2 hours per day for 11 days; October 2, 1972 to  
December 18, 1972; January 2, 1973 to March 17, 1973

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R.  
Clinical Supervisor  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

107 INTRODUCTION TO OCCUPATIONAL THERAPY IN  
PHYSICAL DISABILITIES

Instructor: Jacqueline Harrison, O.T.R.

For: Students in Occupational Therapy Assistant Training  
Program, Houston, Texas

Description and Objectives:

An informal lecture/demonstration to familiarize O.T. Assistant students with the various diagnostic categories included in a physical disabilities setting and the theory of O.T. treatment for each. Also included is a slide presentation incorporating evaluation tools, therapeutic media, adaptive equipment, wheelchair measurement and checkout and orthotic equipment which might be utilized in an O.T. clinic.

Maximum Enrollment: —; Outside Applicants Not Accepted;  
Academic Credit Available (given by school)

Schedule: Short-term; 4 hours per day for 1 day

For Registration or Additional Information write to:

67

Mrs. Jacqueline Harrison, O.T.R.  
 Clinical Supervisor  
 Texas Institute for Rehabilitation and Research  
 1333 Moursund Avenue  
 Houston, Texas 77025

108 SCI REHABILITATION NURSING CONCEPTS FOR  
 NEUROSURGICAL NURSES

Instructors: T.I.R.R. RSCC Staff

For: Students of Methodist Neurosurgical Specialist Program

Description and Objectives:

A two-week program of classes and clinical experiences will be offered to students enrolled in the Methodist Neurosurgical nurse specialist program in order that effective nursing care can be provided for early SCI patients in neurosurgical nursing units of general hospitals and facilitate early rehabilitation opportunities for SCI patients.

Maximum Enrollment: 5; Outside Applicants Not Accepted;  
 Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 10 days; September 18 to  
 September 29, 1972 and March 19 to March 30, 1973

For Registration or Additional Information write to:  
 Coordinator of Nursing Education  
 Texas Institute for Rehabilitation and Research  
 1333 Moursund Avenue  
 Houston, Texas 77025

109 CONFERENCE ON NEW NURSING TECHNIQUES IN  
 REHABILITATION

Instructors: T.I.R.R. Rehabilitation Nurse Specialist and Staff

For: Registered Nurses

Description and Objectives:

Four one-day conferences will be offered to registered nurses who are interested enough to make advanced reservations to attend conferences on selected nursing topics. One topic will be presented at each conference.

1. Skin care and positioning
2. Nursing urological procedures
3. Nursing care plans for the paralyzed
4. Teaching patients self-care

The purpose of the conference series is to share some of the expertise and newer nursing techniques in caring for patients with severe physical disabilities with other nurses in community health and acute care facilities.

Maximum Enrollment: 400; Outside Applicants Accepted; Academic  
 Credit Not Available

Schedule: Short-term; 6 hours per day for 1 day; November 15,  
 1972, February 14, 1973, May 10, 1973 and August 14, 1973

For Registration or Additional Information write to:  
 Coordinator of Nursing Education  
 Texas Institute for Rehabilitation and Research  
 1333 Moursund Avenue  
 Houston, Texas 77025

### 110 REHABILITATION NURSING PRACTICE

Instructors: Nursing Department

For: Nurses

**Description and Objectives:**

A program of study and practice to prepare a Rehabilitation Nurse Clinician candidate with the knowledge and skills required to assess, plan, give and evaluate the nursing care needs of patients with spinal cord lesions. In order to function in the clinician's role, the professional nurse must be able to utilize extensive knowledge of anatomy, physiology, and pathology of systems involved secondary to spinal cord lesions in order to make sensitive nursing judgments in the care of these patients.

Maximum Enrollment: 1; Outside Applicants Not Accepted;  
 Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 5 days per week for 6 months; July 1, 1972 to January 31, 1973

For Registration or Additional Information write to:  
 Coordinator for Nursing Education  
 Texas Institute for Rehabilitation and Research  
 1333 Moursund Avenue  
 Houston, Texas 77025

### 111 COMBINED CLINICAL ROTATION PROGRAM

Instructors: Attending physicians at the Texas Institute for Rehabilitation and Research

For: Baylor College of Medicine Medical Students

**Description and Objectives:**

The overall educational objective of this program will be to acquaint the student with philosophical and pragmatic issues in effective management of the severely disabled and the chronically ill patient.

Specific Objectives:

1. To demonstrate techniques, evaluative procedures, instrumentation, etc., employed in the quantitative measurement and the objective evaluation of medical conditions, their precursors and the extent to which treatment benefits the patient's physiological and psychosocial function.
2. To provide direct patient contact, to observe and assist physicians and clinical specialists in performing examinations and test procedures on patients at T.I.R.R.
3. To understand the role functions and job duties of the allied health professional.
4. To demonstrate the consonance and parallelism that exists between Community Medicine and Rehabilitation Medi-

66

RT-4

cine in approach, implementation and management of the patient.

5. To show that disability can often be prevented or reduced through appropriate early medical management.

Maximum Enrollment: 36; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 36 days; July 6, 1972 to September 16, 1972 (twelve week intervals through 1972)

For Registration or Additional Information write to:

Mr. Riccardo J. Tettamanti, Assistant to the Director  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

112 TRAINING EXTERNSHIP FOR VR PERSONNEL IN REGION VI

Instructor: Mr. Riccardo J. Tettamanti, Coordinator

For: VR Counselors in Region VI

Description and Objectives:

To acquaint VR counselors with the multiplicity of medical, psychosocial and vocational problems that are occasioned by severe physical disability to provide the counselor with direct patient contact in order to demonstrate to VR counselors care and management techniques and principles that patients are exposed to in a comprehensive rehabilitation center. To show that disability can often be prevented or reduced through early medical management and vocational potential of the severely disabled can be enhanced through timely evaluation of his residual vocational capabilities. This course will be offered at quarterly intervals during 1972-1973.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 10 days; November 13, 1972 to November 24, 1972

For Registration or Additional Information write to:

Mr. Riccardo J. Tettamanti, Assistant to the Director  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

113 SHORT COURSE IN MEDICAL CARE AND MANAGEMENT TECHNIQUES FOR THE SEVERELY DISABLED

Instructors: Attending Physicians at T.I.R.R.

For: Medical Consultants in V.R. Agency in Region VI

Description and Objectives:

To alert medical consultant to the VR agencies of new and innovative techniques in the medical care management of the

severely disabled. To demonstrate the potential that the severely disabled possess for gainful and remunerative employment. To provide techniques, evaluative procedures, instrumentation, etc., employed in the quantitative measurement and the objective evaluation of medical conditions, their precursors and the extent to which treatment benefits the patient's psychosocial and physiological function.

Maximum Enrollment: 12; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; November 9, 1972 to November 10, 1972

For Registration or Additional Information write to:

Mr. Riccardo J. Tettamanti, Assistant to the Director  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

114 PSYCHOSOCIAL FACTORS INFLUENCING PATIENT UTILIZATION OF ORTHOTIC DEVICES

Instructor: Joyce Testa, Social Worker (This lecture is part of a workshop offered by Orthotics Department annually)

For: Physicians, Orthotists, Therapists

Description and Objectives:

In addition to teaching the technical aspects of fabricating and fitting orthoses the participants in the Workshop are exposed to the various factors and circumstances which may contribute to the success or failure in utilizing the devices.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 week each year

For Registration or Additional Information write to:

Orthotics Department  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

115 COMPREHENSIVE MANAGEMENT OF CHRONIC DISEASE

Instructor: Social Worker is one member of the multidisciplinary team offering this experience

For: Sophomore Students of Baylor College of Medicine

Description and Objectives:

The objective of the social worker is to assist the medical student in identifying (in the situation of the patient and family assigned to him) the psychosocial consequences of physical disability from the standpoint of the patient, his family and the community; to guide the student as he attempts to locate appropriate resources for meeting the needs.



68

RT-4

Maximum Enrollment: —; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Long-term; 4 hours per day, 1 day per week; scheduled  
each quarter

For Registration or Additional Information write to:  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

116 SEMINAR ON SEXUAL FUNCTION

Instructors: David Stock, M.S.W.; Ken Ware, Ph.D.; Joyce Testa,  
M.S.W.; Chris Margileth, M.S.W.; Laura Campion, R.N.

For: Spouses of Spinal Cord Injured Patients

Description and Objectives:

Since sexual functioning is such an important aspect of the  
young adult's life and since there is frequently some  
impairment of this function in spinal cord injured patients,  
both the patient and the spouse require guidance and new  
information as to new ways of securing sexual fulfillment. This  
is accomplished in groups through discussions and with films  
and slides. Former patients and their spouses who have made  
satisfactory adjustments in this area assist with the seminar.

Maximum Enrollment: —; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: To be offered on PRN Basis

For Registration or Additional Information write to:  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

117 SOCIAL WORK PRACTICUM (CLINICAL TRAIN-  
ING)

Instructors: Members of Social Work Staff

For: Graduate Students attending University of Houston,  
Graduate School of Social Work

Description and Objectives:

With a highly selective and limited patient load, under close  
supervision of T.I.R.R. social workers, the social work students  
have an opportunity to apply in practice those theories to  
which they have been exposed in the classroom. The student is  
expected to become proficient in providing services to  
individuals as well as to groups.

Maximum Enrollment: 2; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Long-term; 8 hours per day, 3 days per week; August 1972  
to May 1973

For Registration or Additional Information write to:  
 Social Work Department  
 Texas Institute for Rehabilitation and Research  
 1333 Moursund Avenue  
 Houston, Texas 77025

118 SEMINAR—DEALING WITH CRISIS-PROGNOSIS,  
 GRIEF AND DEATH

Instructors: Director and Staff of Social Service Department

For: An elective course for students, above freshman level,  
 of Baylor College of Medicine

Description and Objectives:

Seminar and discussion course to illustrate communication skills as they influence doctor-patient-family responses when faced with crisis-prognosis, grief and/or death. Actual cases are used to identify various kinds of crises; student involvement is the focal point of developing self-awareness, responsibility and function of the physician in these situations.

Maximum Enrollment: 12; Outside Applicants Not Accepted;  
 Academic Credit Available

Schedule: Long-term; 2 hours per day, 1 day per week; Fall quarter

For Registration or Additional Information write to:  
 Social Service Department  
 Texas Institute for Rehabilitation and Research  
 1333 Moursund Avenue  
 Houston, Texas 77025

119 COMMUNITY HEALTH SEQUENCE

Instructors: Members of Nursing and Social Service Staff

For: Junior and Senior Nursing Students of Houston Baptist  
 College

Description and Objectives:

Each student is assigned to a family (active with T.I.R.R.) in which there are one or more chronic health problems, to follow throughout the academic year. Through supervision provided by Nursing and Social Work Staff, the student identifies the problems and needs of the family; steers them through the maze of local services and plans collaboratively with other agencies who are also involved with the family.

Maximum Enrollment: 14; Outside Applicants Not Accepted;  
 Academic Credit Available

Schedule: Long-term; as needed on an individual basis; September  
 1972 to May 1973

For Registration or Additional Information write to:  
 Social Service Department  
 Texas Institute for Rehabilitation and Research  
 1333 Moursund Avenue  
 Houston, Texas 77025

70

RT-4

120 PSYCHODYNAMICS INFLUENCING THE ADJUSTMENT OF THE AMPUTEE

Instructors: Patricia Bloom, Social Worker (This lecture a part of a seminar to be offered by Prosthetic Staff on the Rehabilitation Process of the Amputee Patient)

For: Texas Rehabilitation Commission Counselors assigned to the South Texas Region

Description and Objectives:

Since the services of the Vocational Counselor are frequently required in formulating vocational goals for the amputee, this seminar is offered to broaden the counselor's understanding of the rehabilitation process in general and specifically to increase his sensitivity to the factors which influence the patient's response to loss of limit, change in body image and adjustment to prostheses.

Maximum Enrollment: ?; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; Fall of 1972

For Registration or Additional Information write to:

Prosthetics Department  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

121 ROLE OF SOCIAL SERVICE IN A REHABILITATION FACILITY

Instructor: Susan Browder, Social Worker

For: Occupational Therapy Students assigned to TIRR for Clinical Training

Description and Objectives:

This training activity is a part of the general orientation provided to all incoming OT students. The purpose is to enable the students to make appropriate use of social services in the treatment and understanding of patients assigned to them and to prepare the students for eventually working effectively in a multidiscipline setting following graduation.

Maximum Enrollment: —; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per day for 1 day; Offered each semester during the academic year

For Registration or Additional Information write to:

Social Service Department  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

122 SEMINAR-DEVELOPMENT AND USE OF THE PHYSICIAN-PATIENT RELATIONSHIP IN MEDICAL TREATMENT

RT-4

71

Instructors: Director and Staff of Social Service Department

For: Baylor College of Medicine Students above freshman level

Description and Objectives:

This seminar-discussion course aims at increasing the student's ability to communicate with patients and their families when the primary problem is physical rather than psychiatric.

Maximum Enrollment: 12; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 2 hours per day for 1 day per week; Spring quarter

For Registration or Additional Information write to:

Director, Social Service Department  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

123 BASIC ORIENTATION FOR NEW EMPLOYEES

Instructor: Mrs. Enna Elliott, R.N.

For: New Nursing Employees

Description and Objectives:

Basic orientation to nursing as performed at T.I.R.R.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 20 days; dates unknown

For Registration or Additional Information write to:

Director of Nursing  
T.I.R.R.  
P.O. Box 20095  
Houston, Texas 77025

124 REHABILITATION NURSING ASSISTANT COURSE

Instructor: Mrs. Enna Elliott, R.N.

For: Nurse Aides who have been employed by T.I.R.R. a minimum of 18 months and who show potential for advancement to the R.N.A. level

Description and Objectives:

A course in advanced duties for auxiliary nursing personnel.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 6 months; dates unknown

For Registration or Additional Information write to:

Director of Nursing  
T.I.R.R.  
P.O. Box 20095  
Houston, Texas 77025

75

72

RT-4

125 NURSE AIDE COURSE

Instructor: Mrs. Enna Elliott, R.N.

For: Nurse Aides employed by T.I.R.R.

Description and Objectives:  
Training in nurse aide duties.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 6 months; dates unknown

For Registration or Additional Information write to:  
Director of Nursing, T.I.R.R.  
P.O. Box 20095  
Houston, Texas 77025

126 CLINICAL AFFILIATION FOR PHYSICAL THERAPY STUDENTS

Instructor: Lucinda Jardine, Educational Coordinator of the Physical Therapy Service

For: Sophomore Physical Therapy Students of Texas Women's University

Description and Objectives:  
To provide the Sophomore Physical Therapy Student with an awareness of the scope of Physical Therapy in a rehabilitation setting. Prior to this affiliation the students have had no clinical experience, so that this affiliation provides for them to work as a Physical Therapy Aide under the direction of licensed Physical Therapists.

Maximum Enrollment: 2 students per affiliation period; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; dates to be arranged

For Registration or Additional Information write to:  
Physical Therapy Service  
T.I.R.R.  
1333 Moursund Avenue  
Houston, Texas 77025

127 CLINICAL AFFILIATION FOR PHYSICAL THERAPY STUDENTS

Instructors: Lucinda Jardine, Educational Coordinator of the Physical Therapy Service and other supervisor personnel as assigned

For: Senior Physical Therapy Students of University of Texas Medical Branch at Galveston, Texas Woman's University, and the University of Texas Southwestern Medical School at Dallas; Graduate Physical Therapy Students of Duke University and the U.S. Army Medical Field Service School

**Description and Objectives:**

By participating as a junior staff physical therapist under the guidance of experienced physical therapists, the student is expected to practice his chosen profession. The objectives of this clinical experience are to provide the student with the opportunity to:

1. Develop skill in the execution and use of evaluation procedures.
2. Develop the ability to plan and execute an effective treatment program within the limits of the physician's referral.
3. Develop skill in communication with patients, physicians, physical therapists, allied professionals, supportive personnel and lay persons.
4. Further his personal growth in professional attitudes and scientific knowledge.
5. Develop an appreciation for comprehensive rehabilitation of the patient.

Maximum Enrollment: 3 students per six-week session; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day; dates to be scheduled by each school

For Registration or Additional Information write to:

Physical Therapy Service  
T.I.R.R.  
1333 Moursund Avenue  
Houston, Texas 77025

**128 WORKSHOP FOR TRAINING OF PHYSICAL THERAPISTS  
IN APPLICATION AND USE OF FUNCTIONAL ELECTRIC  
STIMULATION TO THE PERONEAL NERVE**

Instructor: Miriam J. Partridge, Director of Physical Therapy Service, T.I.R.R.

For: Physical Therapists from institutions participating in the evaluation of the Ljubliana functional electrical stimulation project

**Description and Objectives:**

To give Physical Therapists who are presently using the Yugoslav devices an opportunity to learn more about the application and training procedures with the patients. The use of the Ljubliana FES equipment was first begun at T.I.R.R. in 1969. The Committee of Prosthetic and Research Development of the National Research Council of the National Academy of Sciences requested that the workshops be held, and CPRD designates the centers to be represented at the workshops.

Maximum Enrollment: 3; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; to be arranged

For Registration or Additional Information write to:

Miriam J. Partridge, Physical Therapy Service  
Texas Institute for Rehabilitation and Research  
1333 Moursund Avenue  
Houston, Texas 77025

## RT-6

## Emory University

## 129 WORKSHOP—TRANSLATING THEORY INTO PRACTICE

Instructors: Ruth A. Kalish, M.A.; Carmella Gonnella, Ph.D.

For: Physical Therapy Educators, Academic and Clinical

Description and Objectives:

Designed to provide educators with most recent development in Kinesiology research and clinical application of these developments.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 5 days; Winter to Spring

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

## 130 CONCEPTS OF SCIENTIFIC INQUIRY

Instructor: Carmella Gonnella, Ph.D.

For: Health Profession

Description and Objectives:

Philosophy of science and measurement, sampling, experimental design, interview and questionnaire construction, empirical observation, index construction and scaling and content analysis and coding.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per week for 11 weeks; September to December

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

76

RT-6

131 SCIENTIFIC BASIS FOR THERAPEUTIC  
TECHNIQUES

Instructor: Ruth A. Kalish, M.A.

For: Physical Therapists and Occupational Therapists

Description and Objectives:

Analysis of a variety of therapeutic techniques designed to improve motor performance. Analysis in terms of principles of neurophysiology, motor development and biomechanics. Emphasis on evaluating motor performance using electromyographic and related equipment.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 5 hours per day for 11 weeks; January to March

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

132 MOTOR LEARNING AND CONTROL

Instructor: Carmella Gonnella, Ph.D.

For: Graduate Physical Therapy and Occupational Therapy Students

Description and Objectives:

Various aspects of motor learning, including single motor unit control, development as related to physical readiness for motor learning, learning theory as applied to the acquisition of motor skill, advances in bioengineering related to motor performance and perceptual motor tests. Objectives: At the end of the quarter, the student should have sufficient knowledge and understanding to enable him to:

1. Describe the aspects of motor learning, including single motor unit control, development as related to physical readiness for motor learning, learning theory as applied to the acquisition of motor skill, advances in engineering related to motor performance, and the relevance of perceptual motor test results for motor performance;
2. Explain verbally the significance of these aspects of motor learning and control;
3. Question assumptions and statements, and to discuss the basic issues of motor learning and control in relation to the experiences provided in the course;
4. Distinguish between fact and assumptions in our present state of understanding of motor learning.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per week for 11 weeks; January to March



For Registration or Additional Information write to:  
 Samuel B. Chyatte, M.D., Director of Training  
 Emory University Regional Rehabilitation Research  
 and Training Center  
 256 Woodruff Memorial Building  
 Atlanta, Georgia 30322

133 SEMINAR SERIES—CURRENT PROBLEMS AND  
 ISSUES IN PHYSICAL THERAPY

Instructors: Velma Schlorff, M.P.H.; Ruth A. Kalish, M.A.; Robert  
 Bates; Susan Barrett

For: Allied Health Students

Description and Objectives:

The emphasis of the course is the understanding of oneself,  
 other people and the interaction between the two in both  
 personal and professional contexts. Particular attention will be  
 paid to the helping relationship. Many of the learning  
 experiences will be experiential with the participants assuming  
 much of the responsibility for helping to set objectives for the  
 course, plan learning experiences and evaluating their progress.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic  
 Credit Available

Schedule: Long-term; 20 hours per seminar; September to August

For Registration or Additional Information write to:  
 Samuel B. Chyatte, M.D., Director of Training  
 Emory University Regional Rehabilitation Research  
 and Training Center  
 256 Woodruff Memorial Building  
 Atlanta, Georgia 30322

134 PRACTICUMS (IN PHYSICAL THERAPY EDUCA-  
 TION, ADMINISTRATION AND RESEARCH)

Instructor: Coordinated by Ruth A. Kalish, M.A.

For: Physical Therapy Graduate Students (5)

Description and Objectives:

Individual programs are designed to provide field experiences  
 related to problems in teaching in physical therapy. Students  
 must show ability to integrate and utilize information gathered  
 from previous educational experiences. Arrangements for the  
 practicum have been made with undergraduate physical therapy  
 programs and teaching hospitals. Each student will be in an  
 individual setting. (Georgia State University; Emory University  
 Regional Rehabilitation and Training Center [Neurophysiology  
 Research]; Atlanta Easter Seal Society; University of Vermont  
 [Physical Therapy Department])

Maximum Enrollment: 5; Outside Applicants Not Accepted;  
 Academic Credit Available

Schedule: Long-term; 8 hours per day for 2-12 months each;  
 September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

135 NEUROANATOMY AND NEUROPHYSIOLOGY I

Instructor: Ruth A. Kalish, M.A.

For: Graduate Physical Therapy Students

Description and Objectives:

Comprehensive study of the structure and function of the central nervous system in man with emphasis on reflex and integrative mechanisms. Laboratories include brain dissection and session in spinal cord neurophysiology lab.

Objectives: At the end of the quarter, the student should have sufficient knowledge and understanding to enable him to:

1. Describe verbally the schema of the nervous system and the interactions of the major parts therein;
2. Explain the use of various measurement devices and parameters of measurement in neurophysiology research in the areas of sensory reception and motor control;
3. Explain the changing nature of neurophysiology research;
4. Distinguish between facts and assumptions in our present state of understanding of neurophysiology.

He should have developed sufficient skill and ability to enable him to:

1. Utilize reference material in neurophysiology research, to call into question a hypothesis formed regarding sensory reception or motor control;
2. Research sources and compile a chronological approach to research in neuroanatomy and neurophysiology.

It is hoped that the student will begin to develop the attitudes of:

1. Curiosity and a desire to know more in the area of neuroanatomy and neurophysiology;
2. Responsibility for utilizing this knowledge to facilitate an individual's development in the treatment situation;
3. Commitment to improving and expanding his present level of skill and ability in the area of applied research in neuroanatomy and neurophysiology;
4. Interest in continually updating his own knowledge in this area or directly through his own participation.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 6 hours per week for 11 weeks; September to December

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

RT-6

79

136 NEUROANATOMY AND NEUROPHYSIOLOGY II

Instructor: Ruth A. Kalish, M.A.

For: Graduate Physical Therapy Students

Description and Objectives:

Continuation of Neuroanatomy and Neurophysiology I.

Objectives: At the end of quarter, the student should have sufficient knowledge and understanding to enable him to:

1. Describe verbally the schema of the nervous system and the interactions of the major parts therein;
2. Explain the use of various measurement devices and parameters of measurement in neurophysiology research in the areas of sensory reception and motor control;
3. Explain the changing nature of neurophysiology research;
4. Distinguish between facts and assumptions in our present state of understanding of neurophysiology.

He should have developed sufficient skill and ability to enable him to:

1. Utilize reference material in neurophysiology research, to call into question a hypothesis formed regarding sensory reception or motor control;
2. Research sources and compile a chronological approach to research in neuroanatomy and neurophysiology.

It is hoped that the student will begin to develop the attitudes of:

1. Curiosity and a desire to know more in the area of neuroanatomy and neurophysiology;
2. Responsibility for utilizing this knowledge to facilitate an individual's development in the treatment situation;
3. Commitment to improving and expanding his present level of skill and ability in the area of applied research in neuroanatomy and neurophysiology;
4. Interest in continually updating his own knowledge in this area or directly through his own participation.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 6 hours per week for 11 weeks; January to March

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

137 RECENT ADVANCES IN REHABILITATION

Instructors: Samuel B. Chyatte, M.D.; Staff of Emory University Regional Rehabilitation Research and Training Center; Guest Speakers

For: Physicians, Residents, Interns, Occupational Therapists, Physical Therapists, Anatomists, Bioengineers, Students, Nurses

Description and Objectives:

The seminars on Advances in Rehabilitation comprise an effort

to update health professionals of many disciplines and at many levels in their knowledge and appreciation of rehabilitation related issues. Each seminar is hosted by a particular health professional group on an alternating basis but the program is broad enough to attract two or three professional groups.

These seminars are scheduled to be held on a monthly basis and to last for from one to two days.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1-2 days each month; September to October

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

138 CHEST PHYSIOTHERAPY—TECHNIQUES & PRINCIPLES OF BREATHING EXERCISES & POSTURAL DRAINAGE FOR INHALATION THERAPISTS

Instructor: Lydia Brooks, P.T.

For: Inhalation Therapists

Description and Objectives:

An in-service educational rotation to familiarize inhalation therapists with physical therapy chest procedures and treatments. Each therapist will do a biweekly rotation on this service.

Maximum Enrollment: 1-2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 6 hours per day for 14 days; July to December

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

139 ORIENTATION OF NURSES & STUDENT NURSES TO PHYSICAL THERAPY

Instructor: Lydia Brooks, P.T.

For: Graduate Nurses and Student Nurses

Description and Objectives:

In-service instruction as to the nature of the facility and various modalities used in physical therapy. Observation of treatments in physical therapy department. Repeated six times during the year.

RT-6

81

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 1 day; August to October

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

140 PEDIATRIC RHEUMATOLOGY TEACHING CLINIC

Instructor: C. H. Wilson, Jr., M.D.

For: Residents and Fellows

Description and Objectives:  
Teaching rounds.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 3 hours per day for 26 days; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

141 GERIATRIC AMPUTEE CLINIC

Instructor: Vehbi Yucel, M.D.

For: Resident Physicians, Medical Students, Nurses, Physical Therapists

Description and Objectives:

To evaluate geriatric amputees in depth, recognizing the numerous medical and surgical complications inherent in this age group. This clinic has also been valuable in keeping personnel informed in the latest innovations in prosthetic design, fabrication and application. It has proven of value in training medical students, physicians, nurses, physical therapists, and has also aided in establishing close relationships with local prosthetists.

Maximum Enrollment: 16; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 12 days; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center

256 Woodruff Memorial Building  
Atlanta, Georgia 30322

142 IN-SERVICE EDUCATION FOR PHYSICAL  
THERAPISTS

Instructors: Anne Wyatt, R.P.T. and Cheri Boyce, R.P.T.

For: Physical Therapists, Occupational Therapists

Description and Objectives:

To maintain or increase knowledge and skills of Center therapists by case presentations and demonstrations of techniques.

Maximum Enrollment: 11; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 12 days; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

143 CARDIAC REHABILITATION CLINIC

Instructor: Mary Z. Skorapa, M.D.

For: Resident Physicians, Medical Students

Description and Objectives:

To follow up and evaluate progress of patients in returning to normal activities after acute myocardial infarct.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

144 CARDIAC REHABILITATION ROUNDS

Instructor: Mary Z. Skorapa, M.D.

For: Therapists, Physicians in Physical Medicine and Rehabilitation Nurses

Description and Objectives:

To initiate and continue a program of increasing supervised

RT-6

83

activity for those patients suffering from acute myocardial infarct, leading to their return to productive living. This involves the house staff and nurses on medical wards, cardiac fellows, occupational therapists and physical therapists, public health nurses, social workers, and dieticians, as well as psychiatrists.

Maximum Enrollment: 27; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

145 PHYSICAL THERAPY AIDE TRAINING

Instructor: Lydia Brooks, P.T.

For: Student Physical Therapy Aides

Description and Objectives:

To train nonprofessionals to perform routine physical therapy techniques, housekeeping, clerical and patient-related activities.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per week for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

146 TEACHING ROUNDS AT WESLEY WOODS HEALTH CENTER (EXTENDED CARE FACILITY)

Instructor: Mieczyslaw Peszczyński, M.D.

For: Undergraduate Medical Students, Graduate Medical Students, Nurses, Physical Therapists, Occupational Therapists

Description and Objectives:

To teach nurses what physical therapy and occupational therapy they can and should perform; to teach own staff geriatric rehabilitation.

Maximum Enrollment: 16; Outside Applicants Accepted; Academic Credit Not Available

84

RT-6

Schedule: Short-term; 1½ hours per week for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

147      TEACHING ROUNDS, PHYSICAL MEDICINE AND  
REHABILITATION, GRADY MEMORIAL HOSPITAL

Instructor:    Mieczyslaw Peszczyński, M.D.

For:            Resident Physicians, Graduate Medical Nurses, Physical  
Therapists, Occupational Therapists

Description and Objectives:

To teach staff of Grady Memorial Hospital methods used in  
Physical Medicine and rehabilitation of patients.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 1 hour per day for 50 weeks; September to  
August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

148      TEACHING ROUNDS AT THE ATLANTA, GEOR-  
GIA VETERANS ADMINISTRATION HOSPITAL

Instructor:    Mieczyslaw Peszczyński, M.D.

For:            Undergraduate Medical Students, Graduate Medical  
Students, Nurses, Physical Therapists, Occupational  
Therapists

Description and Objectives:

Upgrade service level of Physical Medicine Department; prepare  
the department for participation in undergraduate and graduate  
training activities of RT-6; and prepare Physical Medicine  
Department to participate in RT-6 research activities.

Maximum Enrollment: 9; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 1 hour per day for 50 weeks; September to  
August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center

87



256 Woodruff Memorial Building  
Atlanta, Georgia 30322

149 FIELD INSTRUCTION FOR GRADUATE SOCIAL  
WORK STUDENTS

Instructor: Suzanne M. Lomas, M.S.W.

For: Graduate Students in Social Work

Description and Objectives:

To complete field instruction phase of two-year educational program leading to Master of Social Work degree.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

150 SUMMER EMPLOYMENT PROGRAM FOR DISAD-  
VANTAGED YOUTH WITH COLLEGE POTENTIAL  
INTERESTED IN HEALTH CARE

Instructor: Suzanne M. Lomas, M.S.W.

For: High School Students

Description and Objectives:

To provide meaningful work experiences, raise aspirational levels, and increase interest in health careers. (In cooperation with the National Program Social and Rehabilitation Service.)

Maximum Enrollment: 9; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 12 weeks; June to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

151 HEALTH PROFESSIONS EDUCATION

Instructor: Suzanne M. Lomas, M.S.W.

For: High School and/or College Students

Description and Objectives:

To give students with an interest in a career in the health

professions an opportunity for in-depth exposure to all Allied Health Professions.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 12 weeks; June to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

#### 152 MANAGEMENT THEORY IN HEALTH CARE

Instructors: Frances A. Curtiss, M.Ed.; Philip Adler, Ph.D.

For: Graduate Students in Physical Therapy and other Allied Health Professions

Description and Objectives:

Analysis of management principles, functions and responsibilities in health care; relationship of management theory to organizational structure of health institutions; applications of systems theory to health care.

Maximum Enrollment: 9; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 11 weeks; March to June

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

#### 153 CLINICAL AFFILIATION—OCCUPATIONAL THERAPY STUDENT TRAINING

Instructors: David D. Clark, O.T.R.; JoAnn Ayoubi, O.T.R.; Barbara Beaumont, O.T.R.; Linda Murray, O.T.R.

For: Students from University of Alabama

Description and Objectives:

To provide clinical affiliation for University of Alabama students.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 12 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training

Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

**154 HEALTH PROFESSIONS EDUCATION**

Instructor: David D. Clark, O.T.R.

For: High School Students

Description and Objectives:

To interest high school students in the field of rehabilitation  
and especially in occupational therapy.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; total of 25 hours over 50-week period;  
September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

**155 IN-SERVICE EDUCATION FOR OCCUPATIONAL  
THERAPISTS**

Instructor: David D. Clark, O.T.R.

For: Occupational Therapists, Physical Therapists

Description and Objectives:

To maintain or increase knowledge and skills of Center  
therapists, and to emphasize the teaching role of the Center.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 3 hours per day for 12 days; September to  
August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

**156 PRINCIPLES OF ADMINISTRATION, PHYSICAL  
THERAPY PROGRAM DIVISION OF AHP, EMORY  
UNIVERSITY SCHOOL OF MEDICINE**

Instructors: Frances A. Curtiss, M.Ed., P.T. and Rehabilitation  
Administrator; Dr. Philip Adler, Ph.D.

For: Physical Therapy Graduate Students

Description and Objectives:

Study of basic principles of management, organization, and supervision. Relationship of management theory to organizational structure of health institutions. Analysis of basic management tasks.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 1¼ hours per day for 2 weeks; March to June

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

157 ARTHRITIS SEMINAR

Instructors: C.H. Wilson, Jr., M.D.; Robin de Andrea, M.D.;  
Frances Curtiss, M.Ed.

For: Physicians, Physical Therapists, Occupational Therapists, Nurses, Residents, Others

Description and Objectives:

This is a Postgraduate Seminar held every two years, designed to discuss in detail selected problems related to Arthritis. Topics discussed will be precisely chosen and accurately limited, aiming for depth. Essayists will be given enough time to develop each theme fully and have been requested to choose their data to convey practical understanding. No attempt will be made to cover the entire field of Arthritis.

Maximum Enrollment: 70; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 2 days

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

158 RESIDENCY PROGRAM IN PHYSICAL MEDICINE  
AND REHABILITATION

Instructors: Samuel B. Chyatte, M.D. and entire RTC Faculty

For: Physicians and Residents

Description and Objectives:

A continuous training program for physicians interested in specializing in the field of Physical Medicine and Rehabilitation. It is designed to aid the trainee to achieve the proficiency required to practice in the specialty.

RT-6

89

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

159

#### UNDERGRADUATE MEDICAL TRAINEESHIP

Instructors: Samuel B. Chyatte, M.D. and Physical Medicine and Rehabilitation Staff

For: First- and Second-Year Medical Students

Description and Objectives:

The emphasis of this program is applied clinical training dealing with the reactions of the impaired individual to his environment. Students are exposed to clinical and research situations as related to rehabilitation problems.

After a two-week comprehensive orientation, students are exposed to patients with a physical impairment and guided toward obtaining a history and performing a physical examination which will focus on the patient's capacity to perform in relation to his environment rather than the basic nature of his disease state. Highly individualized programs involve a range of experience from ongoing research to clinical exposure on wards and OPD. Stipends are paid to all participating students.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 56-84 days; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

160

#### RESIDENT PHYSICIAN INPATIENT ROUNDS

Instructor: Samuel B. Chyatte, M.D.

For: Resident Physicians, Medical Students

Description and Objectives:

Medical student in-depth exposure to rehabilitation. Resident training in Physical Medicine management.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

90

RT-6

Schedule: Long-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

161 JOURNAL CLUB (PRESENTATION OF CURRENT  
MEDICAL TOPICS)

Instructor: Samuel B. Chyatte, M.D.

For: Resident Physicians, Staff Physicians, Medical Students

Description and Objectives:  
A review of interesting clinical cases and the current literature  
for practicing Physical Medicine and Rehabilitation Physicians.  
Develop critical reading habits. Promote interphysician discus-  
sion.

Maximum Enrollment: 21; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 3 hours per day for 12 days; September to  
August

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

162 MUSCULAR DYSTROPHY TEACHING CLINIC

Instructor: Samuel B. Chyatte, M.D.

For: Resident Physicians and Medical Students

Description and Objectives:  
Expose medical students and residents to management of the  
dystrophic patient. Expose medical students and residents to  
the principles of functional testing.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 3 hours per day for 24 days; September to  
August

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

RT-6

91

163 BASIC ELECTRONICS AND INSTRUMENTATION

Instructor: Neal Nunnally, Ph.D.

For: Research Assistants, Residents, Vocational Rehabilitation Trainees, Physicians, Engineering Students

Description and Objectives:

To teach fundamental electronics, instrumentation and safety to the staff of the Research Division of the Emory University Regional Rehabilitation Research and Training Center and other members of the Department of Physical Medicine. The primary objective was to teach electrical hazards and safety for the protection of staff and patients.

Maximum Enrollment: 16; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 8 days; May to July

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

164 WORK ADJUSTMENT AND VOCATIONAL TRAINING PROGRAM

Instructor: Eleanor M. Regenos

For: Mildly mentally disturbed or psychotic patients from Georgia Mental Health

Description and Objectives:

In conjunction with Mr. Maurice Mooney, Vocational Rehabilitation Services Director, a program has been designed to help people with mental problems ranging from mild (neurotic) to serious (psychotic) to rejoin the society from which mental illness has removed them.

Under the work adjustment program, they are assigned as laboratory assistants, clerical or secretarial work on a full-time basis or for as long as their therapy will allow.

They are evaluated on a monthly basis and at the completion of their stay at the hospital a recommendation may be given to the rehabilitation counselor for a specific job. We have recently hired one of these patients on a full-time basis who is now an extraordinary Research Assistant.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short- and Long-term; 8 hours per day; continuing program

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

92

RT-6

165            COMPUTER SOFTWARE FAMILIARIZATION

Instructor:    Harold Clifford, B.S.

For:            Research Assistants, Physicians, Physical Therapists,  
Residents, Vocational Rehabilitation Trainees, Gradu-  
ate Students, Medical Students

Description and Objectives:

To teach research personnel the fundamentals of computer programming and aid investigators in planning research projects with the goal of computerizing the data.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 8 days; June to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

166            MEDICAL STUDENT LECTURES

Instructor:    Samuel B. Chyatte, M.D.

For:            First- and Second-Year Medical Students

Description and Objectives:

Part of the medical school curriculum and to introduce students to basic concepts and techniques of Physical Medicine and Rehabilitation.

Maximum Enrollment: 185; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 10 days; March to June

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

167            APPLIED REHABILITATION

Instructor:    Samuel B. Chyatte, M.D.

For:            Postgraduate Physicians, General Practice Physicians

Description and Objectives:

Orientation to the concepts and techniques of Physical Medicine and Rehabilitation for physicians in basically mental retardation or mental health facilities.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available



RT-6

93

Schedule: Short-term; 8 hours per day for 60 days; September to November

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

168            PHYSICAL MEDICINE AND REHABILITATION RE-  
                  SIDENT TEACHING ROUNDS

Instructor:    Robert L. Bennett, M.D.

For:            Residents, Medical Students

Description and Objectives:  
Expose residents and medical students to Physical Medicine and  
Rehabilitation problems and their management.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 3 hours per day for 24 days; September to  
August

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

169            CRIPPLED CHILDREN'S CLINIC

Instructor:    Robert L. Bennett, M.D.

For:            Residents, Medical Students

Description and Objectives:  
Train residents in pediatric Physical Medicine management.  
Expose medical students to pediatric Physical Medicine  
management.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 4 hours per day for 12 days; September to  
August

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

94

RT-6

170            ORTHOPEDIC RESIDENT TRAINING IN  
                 REHABILITATION RESEARCH

Instructor:    John V. Basmajian, M.D.

For:            Residents in Orthopedics

Description and Objectives:

Residents from Georgia Baptist Hospital, Emory and University are rotated for from 3 to 4 months through the Center. They become fully versed in techniques of research in biomechanics, bioengineering, electromyography, and general rehabilitation.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 5 hours per day for 12-16 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

171            KINESIOLOGY AND ANATOMY LECTURES

Instructor:    John V. Basmajian, M.D.

For:            First-Year Undergraduate Medical Students

Description and Objectives:

To awaken the interest of Emory medical students during their first year in the importance of rehabilitation problems.

Maximum Enrollment: 96; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 7 hours per day for 40 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

172            POSTDOCTORAL VISITING SCIENTISTS

Instructor:    John V. Basmajian, M.D.

For:            Visiting Scientists from U.S. and other countries

Description and Objectives:

To train in electromyography techniques.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

RT-6

95

Schedule: Long-term; 8 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

173 PHYSICAL MEDICINE AND REHABILITATION

Instructor: James A. Bailey, M.D.

For: Undergraduate Medical Students, Graduate Medical Students, Social Workers, Physical Therapists, Occupational Therapists

Description and Objectives:

To expose medical doctors and students to electromyography in diagnosis of lower motor neuron disease, and train them in electromyographic evaluation.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2½ hours per day for 31 days; March to April

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

174 MOTOR LEARNING AND CONTROL

Instructors: Carmella Gonnella, Ph.D.; William Ledbetter, Ph.D.; Samuel B. Chyatte, M.D.; Jackson H. Birdson, M.S.

For: Graduate Physical Therapy and Occupational Therapy Students

Description and Objectives:

Study aspects of motor learning and mechanisms of motor control; basic learning theories as applied to the acquisition of motor skills, neuromuscular control mechanisms involved in locomotion and motor skills; recent advances in bioengineering related to motor performance.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per week for 1 week; January to March

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center

96

RT-6

256 Woodruff Memorial Building  
Atlanta, Georgia 30322

175           ORIENTATION AND OBSERVATION IN OCCUPATIONAL THERAPY IN AREA OF PHYSICAL DISABILITIES

Instructor:   JoAnn Ayoubi, O.T.R.

For:           Occupational Therapists, Occupational Graduate Students

Description and Objectives:  
Observation of therapy; an orientation to clinical practice.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1-3 hours per day for 3 days; January to April

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

176           GRADUATE STUDENT SUPERVISION IN EMG RESEARCH

Instructor:   John V. Basmajian, M.D.

For:           Ph.D. Candidate

Description and Objectives:  
To train in sciences underlying rehabilitation, graduate students at Emory University directly under instructor's tutelage.

Maximum Enrollment: 1; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hours per day for 100 days; October to April

For Registration or Additional Information write to:  
Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

177           TEACHING ROUNDS—RHEUMATOLOGY, VETERANS ADMINISTRATION HOSPITAL

Instructor:   C.H. Wilson, Jr., M.D.

For:           Residents and Fellows

Description and Objectives:  
Teaching rounds.

RT-6

97

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per week for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

178           TEACHING ROUNDS—RHEUMATOLOGY, GRADY  
MEMORIAL HOSPITAL

Instructor:   C.H. Wilson, Jr., M.D.

For:           Resident Physicians, Fellows

Description and Objectives:  
Teaching rounds.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per week for 49 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

179           RHEUMATOLOGY AND REHABILITATION

Instructor:   C.H. Wilson, Jr., M.D.

For:           Medical Students and Graduate Physicians

Description and Objectives:  
Clinical training in the medical aspects of rheumatology;  
integration of the medical and rehabilitation aspects of  
rheumatology.

Curriculum content: Rheumatology conference (9 hours);  
rheumatology clinical conference (98 hours), rheumatology  
teaching rounds—Grady Memorial Hospital (98 hours); rheuma-  
tology teaching rounds—Veterans Administration Hospital (150  
hours).

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7 hours per week for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training

100

98

RT-6

Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

180 RHEUMATOLOGY LECTURE SERIES

Instructor: C.H. Wilson, Jr., M.D.

For: Second- and Third-Year Medical Students

Description and Objectives:

To introduce students to the diagnosis, management and  
rehabilitation of the arthritic patient.

Maximum Enrollment: 183; Outside Applicants Accepted; Academic  
Credit Available

Schedule: Short-term; 2 hours per day for 3 days; September to  
November

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

181 PHYSICAL MEDICINE WARD, GRADY MEMORIAL  
HOSPITAL, TEACHING ROUNDS

Instructor: C.H. Wilson, Jr., M.D.

For: Resident Physicians, Nurses, Physical Therapists, Occu-  
pational Therapists, Fellows

Description and Objectives:

Teaching rounds.

Maximum Enrollment: 7; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 1½ hours per week for 50 weeks; September to  
August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

182 MEDICAL MANAGEMENT OF THE PHYSICAL  
MEDICINE PATIENT

Instructor: C.H. Wilson, Jr., M.D.

For: Resident Physicians (Physical Medicine and Internal  
Medicine, Nurses, Physical Therapists, Occupational  
Therapists, Medical Students)

RT-6

99

Description and Objectives:

Training of Physical Medicine and Rehabilitation Residents in total patient care. Exposure of Internal Medicine Residents to rehabilitation patient problems.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 1/2 hours per week for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

183 CONFERENCE IN RHEUMATOLOGY

Instructor: C.H. Wilson, Jr., M.D.

For: Medical Staff and House Staff

Description and Objectives:

Teaching conference.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per month for 9 months; September to May

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

184 CLINIC CONFERENCE

Instructor: C.H. Wilson, Jr., M.D.

For: Staff Physicians (Orthopedics, Internal Medicine, Physical Medicine, Rehabilitation Fellows), Residents, Physical Therapists, Occupational Therapists, Medical Students

Description and Objectives:

Teaching conference.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per week for 49 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training

100

RT-6

Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

185

### MANAGEMENT WORKSHOPS

Instructors: Johanna Barbati, M.A.; Christine Hobart, D.B.A.;  
James Hund, Ph.D.; Jane Mathews, M.A., R.P.T.; Gary  
Luoma, Ph.D.; Sam Feitelberg, M.A., P.T.; Frances  
Curtiss, M.Ed.

For: Occupational Therapists and Physical Therapists

#### Description and Objectives:

The emphasis in this course will be placed on the manager as mediator between external environmental pressure and the internal strivings of the unit for which he or she is responsible. There must be the conviction that with knowledge of human behavior and the proper application of the tools of management, this person in authority can accept a leadership role. In this role the individual can create and maintain an environment within the organizational unit that facilitates growth in staff competencies while providing needed services. There should be recognition by the manager of his responsibility as a problem solver and his potential as an agent of change.

This workshop has been designed to occur in three phases during a three-month time period.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 10 days; June to October

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training  
Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

186

### CONFERENCES IN RHEUMATOLOGY FOR THE COMMUNITY

Instructor: C.H. Wilson, Jr., M.D.

For: Practicing Internists and Orthopedists

#### Description and Objectives:

Stimulate interest among community physicians in the total care of the arthritic patient.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per week for 32 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training

103



RT-6

101

Emory University Regional Rehabilitation Research  
and Training Center  
256 Woodruff Memorial Building  
Atlanta, Georgia 30322

101

## RT-7

## Tufts University

## 187 STRATEGIES IN FUNCTIONAL ASSESSMENT

Instructors: Thomas P. Anderson, M.D.; et al.

For: Physicians, Allied Health Personnel

## Description and Objectives:

A proposed three-day seminar to be held December 6, 7, 8, 1972. Interdisciplinary program, both speakers and trainees. Tuition will be charged.

Purpose: To examine the state of our understanding of the functional systems that are determinant in the rehabilitation process.

Main areas to be covered.

1. Current evaluation techniques.
2. How to convert from diffuse description to a succinct assessment.
3. Research and evaluation techniques--what data to collect, how to collect it, and how to organize the data for effective communication.
4. What new directions are needed, use of assessments in rehabilitation settings, utilization of data for effective programs, and reaction of handicapped persons to being studied.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Available (16 credits American Academy of General Practice)

Schedule: Short-term; 8 hours per day for 3 days; December 6, 7, 8, 1972

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

## 188 REGIONAL SUPERVISORY SEMINARS AND REGIONAL SUPERVISORY ON-SITE VISITS

Instructors: Hubert Gerstman, D.Ed.; George Toomey, M.A.; Jack Katz, Ph.D.; Robert Goldstein, Ph.D.; Robert Brubaker, Ph.D.

For: Speech Pathologists

## Description and Objectives:

The Speech, Hearing and Language Center provides supervision and consultation to several speech and hearing programs in Massachusetts. Many of the clinicians in these programs are in the process of completing their "Clinical Fellowship Year" prior to examination for the ASHA Certificate of Clinical Competence. Part of the supervisory program is constituted by a

series of two to four seminars per month. These seminars serve several purposes:

1. To provide an opportunity for exchange of information relevant to persons working in their first professional year and first professional position.
2. To share experiences and reactions to clinical, administrative, and other professional activities and problems during the year.
3. To share reactions relative to evaluations and rehabilitation of specific pathologies.
4. To learn of "ways" to further the supervisee's "in service," "on the job training" and continuing education.
5. To otherwise "complete" and "fill in" the supervisee's academic and clinical training outside of any more formal academic pursuits (e.g., degrees, university courses).

The Speech, Hearing and Language Center at New England Medical Center Hospitals has contractual supervisory commitments to several hospitals in Massachusetts. They have been instrumental in formulating and establishing these hospitals' present programs, as well as recommending speech and hearing staff.

Visits are made to confer with administration, assist in design of speech and hearing facilities and ordering of equipment, aid in establishing structure of program (re: testing, therapy, schedules, fees), periodically assessing materials, quality and quantity of services, as well as being available for consultation by phone or in person regarding problems in any of the above-mentioned areas.

Maximum Enrolment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 16 days; November 1972 to May 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

189 BASIC SCIENCES—OTOLARYNGOLOGY

Instructors: Hubert Gerstman, Ed.D.; Alan Schill, Ph.D.; Kenneth Randolph, Ph.D.; Lenore Daniels, M.A.

For: Otolaryngology Residents, Neurology Residents

Description and Objectives:

Tufts University School of Medicine conducts an otolaryngology residency training program for nine residents (M.D.'s) utilizing as training bases the Boston City Hospital and the New England Medical Center Hospitals. Besides the daily interaction between the Speech, Hearing and Language Department and the Ear, Nose and Throat Department in regard to the clinical management of patients seen by the two services, the Speech Hearing and Language Department renders instruction and training opportunities for the ORL (Neurology, etc.) rotating on to the Otolaryngology Service.

These special training opportunities consist of the following:

1. Each year each of the nine residents spends one full

week at the Speech, Hearing and Language Department at the New England Medical Center Hospitals for the purpose of training in the performance of audiologic evaluation procedures of patients, and an introduction to the purpose and methodology of speech and language management of patients with these disorders.

2. The ORL Department has an average of one-third of fourth year Tufts University School of Medicine students at a time, taking a full-time elective rotation either at the Boston City Hospital or the New England Medical Center Hospitals. These students spend varying amounts of time at the Speech, Hearing and Language Center for instruction in audiology and speech and language disorders.

A thorough understanding of audiologic evaluation is necessary for the adequate training of residents in the field of otolaryngology. The Speech, Hearing and Language Department meets this need adequately for our training program. In addition, it provides an adequate concept to the residents and fellows in matters pertaining to speech and language disorders.

Maximum Enrollment: 15; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; daily program with hours per day varying; October 1972 to July 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

#### 190 HEARING AID DEALERS COURSE

Instructors: Hubert Gerstman, Ed.D.; Werner Chasin, M.D.; Edward Sullivan

For: Hearing Aid Dealers

#### Description and Objectives:

A four-month course sponsored by the Massachusetts Hearing Aid Society, Inc. and offered by the New England Medical Center Hospitals Speech, Hearing and Language Center.

Course is designed to train dealers to a minimal standard set by the National Hearing Aid Dealers Society.

Content: Psychology of Hearing and Listening; Physics of Sound and Speech; Overview of Physiology of Speech Production; Anatomy of the Ear; Tone Testing; Special Testing; The Audiogram; Audiometric Results; Indications for Amplification; Medical Aspects of Hearing Loss; Hearing Aid Functions, Performance and Fitting; Rehabilitation Measures for Infant, Child, Adult, Aging Adult; Dealer Responsibilities in the Total Rehabilitation Program; The Ear Mold; Unusual Fittings.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 15 days; November 1972

For Registration or Additional Information write to:

107

106

RT-7

Mrs. Brenda Lund  
Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

191            PHYSICAL AND REHABILITATION MEDICINE RE-  
                  SIDENT TRAINING PROGRAM

Instructors: Carl Granger, M.D.; et al.

For:            Physicians

Description and Objectives:

A two- or three-year program to train and develop competent physiatrists who can be certified by the American Board of Physical Medicine and Rehabilitation to practice their specialty honorably in both academic and community medical settings.

Participation in regular departmental activities and rotation through scheduled phases of training lead the trainee to acquire increasing skills and responsibilities for recognition, management and ongoing assessment of the anatomical, mechanical, physiological, psychological, social, and environmental disabilities in patients with long standing or permanent impairment.

The program allows for rotation through our own in-patient service, adult consultation services, adult out-patient services, and pediatric in-patient and out-patient services. Time is allowed for certain elective rotations with other services; i.e., neurology and rheumatology.

Each three-year trainee is expected to complete a research project during his residency. There are numerous opportunities for teaching of paramedical personnel and medical students.

Residents attend and participate in Journal Club, new patient rounds, rehabilitation conferences, amputee-brace clinics, seminars, x-ray rounds, neuromuscular clinic, hand clinic, and medical committee.

Residents are able to take special courses in prosthetics and orthotics for adults and children. From time to time other special courses are available either at our own institution or elsewhere.

Opportunities are available to participate in teaching and consultative services which the department makes available to various nearby hospitals and institutions.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; Enter January 1973 or June 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

192            FALL RIVER HEALTH AIDE TRAINING PROGRAM

Instructors: Nicholas Ianuzzi, R.P.T.; Miss Hession, R.N.; David Greer, M.D.

For:            High School Graduates

**Description and Objectives:**

This program is a direct response to RT-7 consultation 1970-1971 with Earl E. Hussey Hospital, employment of Summer Disadvantaged Youth Student, and the success of the Physical Therapy/Occupational Therapy Aide Training Program, #502.

Program development included the cooperative efforts of Earl E. Hussey Hospital, Diman Technical Institute, Nursing Home Administrators (Fall River), and RT-7 personnel. The former Nurses Aide Program at the vocational school has been deleted from the curriculum. On the basis of a study made on the needs of hospitals and nursing homes in the Fall River area, the new Nursing Assistants Course has been developed which includes rehabilitation methods and procedures. Hereinafter the project #504 will be known as the Fall River Nursing Assistant Training Program.

The course will be thirteen weeks in duration for a total of 380 hours. The first three weeks of training will be given at the Diman Technical Institute. Each student will have ten weeks of clinical on-the-job training consisting of two 4-week affiliations in hospitals, and one 2-week affiliation in a nursing home. During the ten weeks of clinical training the students will return to the Diman School one day a week.

Three classes of fourteen students each will be accommodated the first year. The first class will start September 6, 1972 through December 8, 1972. The second class, December 11, 1972 through March 16, 1973. And the third class March 19, 1973 through June 22, 1973.

In order to stimulate interest in the program and raise the level of competence, nursing homes will give employment preference to graduates of the course and also pay them higher wages.

**Maximum Enrollment:** 14; **Outside Applicants Accepted** (Fall River Area); **Academic Credit Available**

**Schedule:** Short-term; 8 hours per day for 65 days; September 6, 1972 to December 8, 1972; December 11, 1972 to March 16, 1973 and March 19, 1972 to June 22, 1973

**For Registration or Additional Information write to:**

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

**193 PRECLINICAL OCCUPATIONAL THERAPY AND OCCUPATIONAL THERAPY CLINICAL EDUCATION**

**Instructors:** Judith Billey, O.T.R.; Margaret Rahn, O.T.R.; Tessa Dunning, O.T.R.; Nancy Stone, O.T.R.; Harriet Gordon, O.T.R.

**For:** Preclinical Occupational Therapists; Senior Occupational Therapists; Junior Occupational Therapists; Graduate Student Occupational Therapists

**Description and Objectives:**

Purposes of the preclinical affiliation are:

- A. To give students a short, but concentrated, experience in one environment which they may be employed as

occupational therapists. Ultimately, it may help them decide whether or not they wish to continue their studies in occupational therapy.

- B. To provide students with concepts of the therapist-patient relationships through actual contact with patients.
- C. To help students evaluate their own feelings about patients and disabilities, and their ability to relate to patients and professional personnel.
- D. To introduce students to medical settings and to give them an opportunity to see interdepartmental relationships.
- E. To provide foundations and concepts upon which future academic and clinical studies are developed.

Purposes of the clinical education program are to:

- A. Develop the ability to analyze and segregate the processes of activities and present each process in logical order of appropriate level.
- B. Develop the ability to report orally or in written form on purposes of treatment, treatment procedures and patient progress.
- C. Develop the ability to analyze the situations, grasp essentials, reach sound conclusions, and plan necessary steps in accordance with priorities.
- D. Develop the ability to appraise situations realistically and objectively.
- E. Develop the ability to plan, present, execute and adjust patients' occupational therapy programs.
- F. Develop the ability to obtain and keep patients' responses at desired levels.
- G. Ability to demonstrate proficiency in treatment activities.

Maximum Enrollment: Varies; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day and number of days varies; September 1972 to October 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

#### 194 PHYSICAL THERAPY CLINICAL EDUCATION

Instructors: Barbara Nichols, R.P.T.; Susan Clow, R.P.T.; Linnea McFadden, R.P.T.; et al.

For: Senior Physical Therapy Students

Description and Objectives:

Objectives:

1. Develop further understanding of the role of the physical therapist in rehabilitation.
2. Develop an awareness of the part which the social, economic, psychological and vocational factors play in rehabilitation.
3. Develop further understanding of the rehabilitation and "team" approach.
4. Develop an understanding of the administrative procedures necessary for quality and efficient patient care at the Rehabilitation Institute.

RT-7

109

5. Develop further awareness of the need for adherence to medical ethics.
6. Develop an awareness of the need for and ability in verbal and written communication with patients, families and staff.

Maximum Enrollment: Varies; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day and number of days varies; September 1972 to August 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

195 CLINICAL EDUCATION—DENTAL ASSISTANT TRAINEES

Instructors: Hilde Tillman, D.M.D.; Mark Schiff, D.M.D.; Scott Lydick, D.M.D.; et al.

For: Dental Assistant Trainees

Description and Objectives:  
To assist with patients with specific medical problems. Part of clinical training.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 15 days; September 1972 to June 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

196 SPECIAL PATIENT CARE

Instructors: Hilde Tillman, D.M.D.; Mark Schiff, D.M.D.; Scott Lydick, D.M.D.

For: Dental Students

Description and Objectives:  
To teach comprehensive dental care as part of the total patient care in the Rehabilitation Institute. Students work with patients in a hospital setting, some confined to bed or in wheelchairs.

Maximum Enrollment: 5-6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day 5 days per student; January 1973 to June 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training



110

RT-7

171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

197      MUSCULO-SKELETAL SYSTEMS CURRICULUM  
            AND SYLLABUS

Instructors: Henry Banks, M.D.; et al.

For:            Second-Year Medical Students

Description and Objectives:

The entire undergraduate curriculum of the Tufts University School of Medicine underwent revision and the new curriculum is built around the organ systems approach. This second-year curriculum is composed of seven systems plus physical diagnosis. The responsibility for organizing the Musculo-Skeletal section of this curriculum was assumed by Dr. Everett Delabarre, Associate of the Tufts R&T Center and Associate Professor of Physical and Rehabilitation Medicine.

These new systems although two years in development have just finished their first year's presentation.

Objectives of the Musculo-Skeletal Systems Curriculum are:

1. To develop an appreciation of the importance of the property of kinesis, as subserved by the Musculo-Skeletal system, to the human organism. It is by this capacity that the environment can be investigated and manipulated and its dangers avoided. Impaired function resulting from disease, injury, or faulty development, can produce serious disability. The skeleton and muscles are not to be regarded as simple "supporting tissue."
2. To present to the student by a variety of means, the basic, anatomical, physiological, biochemical, and pathologic information necessary for an understanding of normal development and functioning of the musculo-skeletal system and its reactions to disease and trauma.
3. To demonstrate how this information is used in clinical situations by physicians concerned with disorders of this system, chiefly orthopedics, rheumatologists, and physiatrists.

Maximum Enrollment: 125; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 8 hours per day for 14 days; Spring 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

198      CLINICAL EDUCATION—DENTAL HYGIENE  
            STUDENTS

Instructors: Hilde Tillman, D.M.D.; Mark Schiff, D.M.D.; Scott  
Lydick, D.M.D.

For:            Senior Dental Hygiene Students

RT-7

111

**Description and Objectives:**

To teach comprehensive dental care as part of the total patient care in the Rehabilitation Institute. Students work with patients in a hospital setting, some confined to bed or in wheelchairs.

To teach oral hygiene for patients in the Rehabilitation Institute as part of their daily living.

To help with the fabrication of splints and other devices so that the patient can maintain oral hygiene.

**Maximum Enrollment:** 6; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Short-term; 8 hours per day for 15-20 days per student; September 1972 to June 1973

**For Registration or Additional Information write to:**

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

**199 TRAINING IN REHABILITATION MEDICINE FOR PHYSICIANS ASSISTANTS**

**Instructors:** Everett Delabarre, M.D.; et al.

**For:** Experienced Medical Corpsmen

**Description and Objectives:**

Northeastern University demonstration project cosponsored by the Massachusetts Medical Society for experienced ex-medical corpsmen.

Tufts University School of Medicine faculty responsible for specific sections of the clinical curriculum.

Physical and Rehabilitation Medicine will give 24 hours of didactic material. As of January 1973, students will start rotating clinical Physical and Rehabilitation Medicine affiliations three days a week for six weeks each.

Objectives of the program are to:

1. Teach the student to assess medical data base for abnormalities and comprehensiveness.
2. Teach the student to assess common problems of kinesis.
3. Teach the student to assist in electrodiagnostic examinations.
4. Teach the student to assist in orthotic and prosthetic assessment.
5. Teach the student to evaluate rehabilitation patient status and estimate rehabilitation potential.
6. Teach the student to integrate rehabilitation findings with other specialty findings.
7. Teach the student to understand the impact of disability on the patient's life style and the interaction of personality factors.

**Maximum Enrollment:** 14; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 8 hours per day 3 days per week; January 1973 to September 1974

**For Registration or Additional Information write to:**

113

112

RT-7

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

200 INTRODUCTION TO PATIENT TREATMENT

Instructor: Susan Clow, R.P.T., Physical Therapy

For: Third-Year Physical Therapy Students

Description and Objectives:

To assist the student in the application of theory to clinical practice. This is a preclinical course where students are given case histories for discussion and patients are presented for demonstration.

Maximum Enrollment: 24; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 4 hours per day for 4 days; April 1973 to June 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

201 PHYSICAL DIAGNOSIS

Instructors: Carl Granger, M.D.; Glen Gresham, M.D.; Everett Delabarre, M.D.; et al.

For: Second-Year Medical Students

Description and Objectives:

This is the physical medicine component of a full year course in physical diagnosis. Students are assigned to members of the medical staff and are given patient assignments for history taking and physical examination. Findings are discussed with individual instructors. The rehabilitation dental service instructs the students in rudiments of an oral exam and discusses oral pathology. The Speech, Hearing and Language Center discusses problems in aphasia.

Maximum Enrollment: 30; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 5 hours per day for 10 days; February 1973 to May 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

202 INTRODUCTION TO CLINICAL MEDICINE

Instructors: Cornelis Heijn, M.D.; Kenneth Robson, M.D.; Carl Granger, M.D.; et al.

RT-7

113

For: First-Year Medical Students

Description and Objectives:

The course consists of full class sessions including presentation of patients for the purposes of illustrating the objective of the course, and small group (10 students) interview-demonstration-discussion sessions.

To demonstrate the interaction of internal and external forces that result in the predisposition and/or resistance to illness.

To communicate factors relevant to a patient's adaptation to an illness.

To examine some of the issues which facilitate or impair the doctor's adaptation to the patient, and vice versa.

To teach the student, both by practice and example, the means by which to gather from patients the major relevant factors in their illness.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 12 days; September 1972 to December 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

203 SUMMER STUDENT FELLOWS—REHABILITATION MEDICINE

Instructors: Anna Pomfret, M.D.; March Enders, M.D.; Carl Granger, M.D.; Everett Delabarre, M.D.

For: Medical Students

Description and Objectives:

A summer fellowship of on-the-job experience offered to first- and second-year medical students to introduce them to the field of rehabilitation in a meaningful way, and to help them to:

1. Utilize evaluation techniques in history taking and physical examination to uncover somatic and psychological impairments in the patient, or social impairments and architectural barriers in his environment.
2. Relate the impairments to reduced or destroyed function and resultant disability.
3. Recognize how disability affects the components of health.
4. Become familiar with the roles of members of the rehabilitation team.
5. Recognize the types of patients suitable for referral to rehabilitation and appreciate the importance of early referral.
6. Identify the assets within the patient and within his environment that can be mobilized and the therapeutic techniques applicable for implementation of the Rehabilitation Plan.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

114

RT-7

Schedule: Short-term; 8 hours per day for 49 days; June 1973 to August 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

204 CLINICAL ELECTIVE (MEDICAL STUDENTS ON PHYSICAL AND REHABILITATION MEDICINE ROTATION)

Instructors: Carl Granger, M.D.; Everett Delabarre, M.D.; March Enders, M.D.; Cornelis Heijn, M.D.

For: Third-Year Medical Students

Description and Objectives:

This is an elective rotation offered to third-year medical students. Students have the opportunity to do admitting histories and physical examinations on one or two patients per week, and gain experience in use of the programmed and problem-oriented records. They also help plan patient care and participate in all teaching and clinical conferences.

Objectives are as follows:

1. To increase student's skill in history taking and physical examination.
2. To provide practice in setting up and using problem-oriented records.
3. To provide knowledge of the special problems with which rehabilitation medicine is concerned.
4. To increase the student's ability to handle patient and staff relationships.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 28 days; March 1973 to April 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

205 APPLIED PHYSIOLOGY

Instructors: James Porter, M.D.; Everett Delabarre, M.D.; Anna Pomfret, M.D.; March Enders, M.D.; et al.

For: Senior Physical Therapy Students

Description and Objectives:

Course curriculum developed and coordinated by Dr. James Porter in cooperation with the Boston Bouve College of Northeastern University faculty for their Physical Therapy students.

To demonstrate pertinent physiological signs encountered in the evaluation and treatment of patients with physical disability and related disease. A practice laboratory is given in conjunction with this primarily didactic group of sessions.

RT-7

115

Maximum Enrollment: 50; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 1½ hours per day for 10 days; January 1973  
to March 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

**206 MUSCULO-SKELETAL DISORDERS**

Instructors: Joseph Meerschaert, M.D.; William Duane, M.D.; Carl  
Granger, M.D.; Brenda Lund, M.P.H.; et al.

For: Third-Year Occupational Therapy Students

Description and Objectives:

Course planned by Dr. Granger in cooperation with Boston  
School of Occupational Therapy. To present a base of  
knowledge for the management of musculo-skeletal disorders.  
Course includes: paralysis-contractures, deformities, spinal  
column disorders, bracing, gait and locomotion, pediatric  
disorders, medical and rehabilitation management of arthritis,  
principles of wound healing, physical therapy modalities, care  
of fractures and acute trauma, principles of reconstructive  
surgery, functional anatomy of the wrist and hand, splinting  
and bracing of the hand, electrodiagnostic techniques.

Maximum Enrollment: 25; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 2 hours per day for 13 days; February 1973 to  
May 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

**207 ROLE OF THE NUTRITIONIST IN A REHABIL-  
ITATION PROGRAM**

Instructors: Nancy Brown, B.S. (R.D., M.Ed.); Madge Meyers, M.S.

For: Dietetic Interns, Graduate Students, Masters Level

Description and Objectives:

To comprehend the rehabilitation philosophy and the role  
nutrition plays as opposed to that of acute care of out-patient  
care philosophies.

To increase knowledge of treatment of chronically ill,  
physically handicapped, and emotionally ill patients and the  
diseases with which they are affiliated.

In the Rehabilitation Institute the intern experiences a  
new philosophy in her role as a nutritionist. Her previously  
acquired knowledge of nutrition and education are incorporated  
with the patient's goal of independence. By careful study of the  
patients, their histories and present and future plans, she adjusts

her teaching methods to individually suit the patients and the entire rehabilitation team's goal.

To achieve this, the intern acquires a basic knowledge of the physical handicaps and chronic illnesses and carefully studies the purpose and approaches of the various paramedical disciplines on the rehabilitation team. She is aware of the nutritional problems and/or feeding problems patients in a Rehabilitation Institute have and becomes familiar with methods or resources by which she may solve these.

Maximum Enrollment: 6; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 24 days; November 1972 to October 1973

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

#### 208 ELDERLY FEEDING PROGRAM

Instructors: John Bolzan; Patricia Plummer, R.D.

For: Senior Citizens

##### Description and Objectives:

Mrs. Plummer has been involved with the Community Education Committee that is a joint effort of St. John of God Hospital and St. Elizabeth's Hospital. To date, she has participated in two discussion groups for senior citizens, one on health and one on heart disease to teach and answer questions on nutrition as part of a physician's lecture. These two groups were attended by approximately 60 senior citizens.

From these discussion groups, the need for a senior citizens hot lunch program became evident. Mrs. Plummer has served as consultant with the Community Education Committee to arrange through the Bureau of Nutrition, Education and School Food Services of the State Department of Education to start such a feeding program. Application material has been submitted and the situation seems favorable that this program will begin later in 1972. Once the lunch program is underway, the Nutrition Center plans to provide educational programs for the elderly in conjunction with the lunch program, primarily with graduate student participation.

Maximum Enrollment: 100; Outside Applicants Not Accepted (Members of Community Only); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day per month; Fall 1972

For Registration or Additional Information write to:  
Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

#### 209 SPEECH PATHOLOGISTS CLINICAL EDUCATION

Instructors: Frances Godine, M.A.; Wilma Krasik, M.S.; Susan Moore, M.S.; et al.

RT-7

117

For: Speech Pathologists, Undergraduate and Graduate

Description and Objectives:

To obtain experience in a hospital setting.

To gain experience in a wide variety of cases at various age levels.

To provide the students with a full-time opportunity to sharpen their clinical skills under the supervision of experienced practitioners.

Maximum Enrollment: varies; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 3-8 hours per day and number of days varies per month for 1-3 months; November 1972 to June 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111

210 AUDIOLOGISTS CLINICAL EDUCATION

Instructors: Barry Freeman, M.A.; Rebecca Rovin, M.S.; Gretchen Syfert, M.A.

For: Graduate Student Audiologists

Description and Objectives:

To further clinical training in a hospital setting with a wide variety of cases at various age levels. To include general patient service, special procedures, patient counselling and follow-up.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4-6 hours per day and number of days varies 2 weeks to 5 months; November 1972 to May 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training  
171 Harrison Avenue (Box 852)  
Boston, Massachusetts 02111



## RT-8

## Temple University

## 211 REHABILITATION MEDICINE FOR STAFF PHYSICIANS AND RESIDENTS--TEMPLE UNIVERSITY HOSPITAL

Instructor: Richard Chidsey, M.D.

For: Physicians and Other Interested Health Care Personnel

## Description and Objectives;

The goals of this course are to familiarize attending medical staff of Temple University Hospital with principles of rehabilitation and encourage greater cooperation and utilization of resources. The above goals will also be sought with the surrounding community physicians and health care personnel. The course content includes:

1. Applications of rehabilitation
  - a. election of patients;
  - b. specific conditions;
  - c. resources available;
  - d. goals of rehabilitation in specific applications.
2. Rehabilitation of neurologically impaired.
3. Rehabilitation of orthopedically impaired.
4. Rehabilitation of cardiopulmonary impaired.
5. Rehabilitation of peripheral vascular diseases.
6. Rehabilitation of children.
7. Rehabilitation of intellectually impaired.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 10 days; Fall 1972

For Registration or Additional Information write to:

Richard Chidsey, M.D.  
 Department of Rehabilitation Medicine  
 Temple University Hospital  
 Philadelphia, Pennsylvania 19140

## 212 INSTITUTE ASSESSMENT IN REHABILITATION PSYCHOLOGY

Instructor: Philip Spergel, Ed.D.

For: Psychologists, Rehabilitation Counselors, Vocational Counselors, etc., interested in assessment of individuals with physical handicaps

## Description and Objectives:

The purpose of this institute will be to familiarize rehabilitation professionals with the theory and practice of assessment in the rehabilitation process. The immediate goal is to provide each

professional discipline with the information and application of the complex process of assessment that occurs in rehabilitation psychology. This will include not only psychological testing but the process of interviewing, work evaluation, behavioral observations, etc. The long-range goal and the ultimate objective of the institute is to provide the rationale for the existence and utilization of evaluation from various vantage points as an important process in the rehabilitation effort. Testing for brain damage, writing perceptual prescriptions, diagnosing behavioral problems, etc., will be presented.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 10 hours per day for 2 days; Fall 1972

For Registration or Additional Information write to:

Philip Spergel, Ed.D.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

213            PHYSICAL MEDICINE AND REHABILITATION IN-SERVICE TRAINING

Instructor:    Robert M. Mabel, Ph.D.

For:            Staff (Administrators, Physicians, Nurses, Occupational Therapists, Physical Therapists, Speech Pathologists, Psychologists, Social Workers, Secretaries, Aides, Assistants) of Krusen Rehabilitation Center

Description and Objectives:

The major objective of the in-service training program is improved total patient care. The need for keeping abreast with current professional trends is internalized by voluntary attendance. Interest is enhanced by the intersectional sharing of knowledge and experiences during discussion. Topics have been so structured to provide avenues for staff developmental processes at all levels.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per day for 20 days; October 1972 to May 1973

For Registration or Additional Information write to:

R. Mabel, Ph.D.  
Department of Physical Medicine and Rehabilitation  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

214            RESIDENCY TRAINING IN PHYSICAL MEDICINE AND REHABILITATION

Instructor:    Dorothea Glass, M.D.

For:            Residents in Physical Medicine and Rehabilitation

**Description and Objectives:**

This program is designed to train physicians according to the requirements for the specialty of psychiatry as established by the American Board of Physical Medicine and Rehabilitation.

During the first year of training, residents are assigned to inpatient rehabilitation bed services for three-month rotations among an 18-bed general rehabilitation service at Temple University Hospital, and three categorical rehabilitation services at Moss Rehabilitation Hospital of 20 beds each, including an Amputee and Peripheral Vascular Disease Service, and Neurological Rehabilitation Service including stroke, and a Spinal Cord Injury Post-Orthopedic Rehabilitation Service. The emphasis for the second-year residents is on training and increasing responsibility, under the close supervision of a staff psychiatrist, for psychiatric consultation on patients referred for evaluation and prescription for musculoskeletal, neurosensory, peripheral vascular, and cardiopulmonary rehabilitation, at Temple University Hospital and Albert Einstein Medical Center. They were also assigned to the PM&R outpatient clinics at these hospitals. One-third of the year was served on the Pediatric Rehabilitation Service at Moss Rehabilitation Hospital. The third-year resident is given increased responsibility for inpatient and outpatient consultations at Temple University and Moss Rehabilitation Hospital and for supervision and teaching of the first- and second-year residents and other trainees under staff supervision. He performs advanced electrodiagnostic procedures in both clinical and research problems. An organized two-year program of daily lectures, seminars, and conferences in the pertinent basic sciences and clinical subjects as related to Rehabilitation Medicine was a required part of the schedule of the residents in the first two years.

Maximum Enrollment: 15; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; full-time, ongoing program

For Registration or Additional Information write to:

Dorothea Glass, M.D.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

**215           DIAGNOSTIC PRACTICUM FOR DOCTORAL STUDENTS—ASSESSMENT OF ORGANIC BRAIN PATHOLOGY**

Instructor: Robert M. Mable, Ph.D.

For: Clinical Psychology Students (Doctoral)

**Description and Objectives:**

The primary objective of this program is to expose clinical students to a population of patients they would not ordinarily see during the course of their training. They will be given an opportunity to apply their clinical skills toward assessing the extent of organic involvement in patients with brain damage. By concentrating on this population they will become better acquainted with the diagnostic tools used in this area and feel more comfortable in the future when confronted with similar patients.

Content: The doctoral level clinical psychology students will be assigned to patients in the hospital who have suffered brain damage. Their goal will be to conduct a complete psychodiagnostic evaluation using the test and interview techniques that they have become familiar with during the course of their training. After one or two supervised sessions of interpretation, the students present the case in clinical practicum in the Psychology Department at Temple University.

Maximum Enrollment: 28; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 28 days; September 1972 to May 1973

For Registration or Additional Information write to:

Robert M. Mable, Ph.D.  
Chief, Psychology Service  
Krusen Rehabilitation Center  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

216      INTERNSHIP PROGRAM FOR CLINICAL AND  
REHABILITATION PSYCHOLOGISTS IN PHYSICAL  
MEDICINE AND REHABILITATION

Instructor: Robert M. Mabel, Ph.D.

For:      Doctoral students in clinical psychology

Description and Objectives:

The purpose of this program is to provide doctoral-level students in clinical and rehabilitation psychology with comprehensive training in physical rehabilitation. At the end of the internship it is expected that the students will have acquired a wide range of clinical and research skills directly applicable to Physical Medicine and Rehabilitation.

Content: All interns will be exposed to the many activities in which the Psychology Department is involved. Emphasis will be placed on the multidisciplinary approach to rehabilitation and each intern will be oriented to the role played by each section within rehabilitation medicine. Interns in this program will gain extensive experience in the administration and interpretation of many of the personality, aptitude, and organicity tests used in psychology and their application within rehabilitation. Interns will also assume a major role in the psychotherapeutic management of patients on the rehabilitation service. Patient rounds and Rehabilitation Medicine grand rounds will be attended by the intern at which time he will share with the other members of the department the results of testing and impressions he has formed during his contact with the patient. Seminars will be held regularly with topic-oriented discussions and instructional sessions relating both to rehabilitation psychology and psychology in general. Specific readings in the areas of psychology and rehabilitation psychology will be assigned for future discussion among interns and staff.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

RT-8

123

Schedule: Long-term; 8 hours per day for 4 months; September 1972 to January 1973 and January 1973 to May 1973

For Registration or Additional Information write to:

Robert M. Mabel, Ph.D.  
Department of Physical Medicine and Rehabilitation  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

217 NEUROPHYSIOLOGY AND ELECTROPHYSIOLOGY  
LECTURE SERIES

Instructor: Richard Herman, M.D.

For: Residents in Rehabilitation Medicine, Neurology,  
Neurosurgery, and Doctoral Students in Biomedical  
Engineering

Description and Objectives:

Neurophysiology and electrophysiology are taught separately on alternating years. The input is designed to provide a firm physiological base for those in clinical and engineering practice and to establish a practical basis for the clinical practice of electromyography.

Maximum Enrollment: Open; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 2 hours per day for 32 days; October 1972 to May 1973

For Registration or Additional Information write to:

Richard Herman, M.D.  
Korman Research Laboratory  
Room 114, 12th and Tabor Road  
Philadelphia, Pennsylvania 19141

218 SENIOR ELECTIVE IN PHYSICAL MEDICINE AND  
REHABILITATION

Instructor: Arthur Silverman, M.D.

For: Senior Medical Students

Description and Objectives:

The objective of the training is to acquaint the student with the knowledge and skills of the physiatrist through the medium of a preceptorship.

Content: The students' roles are defined more as interns where they are assigned to the 18-bed Rehabilitation Service at Temple University Hospital. They are given some patient responsibility in terms of initial work-up under the supervision of the resident and attending physician. They attend regular morning rounds and all conferences and teaching rounds made available to the residents. They participate in the patient care conference weekly and are given the opportunity of leading the conference regarding selected patients. Some time is given to consultative and outpatient evaluations. They participate in the weekly resident conference, kinesiology and anatomy review sessions.

124

RT-8

Maximum Enrollment: Open; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 7 hours per day covering 30 days; given on  
request

For Registration or Additional Information write to:

Arthur Silverman, M.D.  
Department of PM&R  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

219 JUNIOR MEDICAL STUDENTS IN THE MUSCULO-  
SKELETAL CURRICULUM

Instructor: Arthur Silverman, M.D.

For: Junior Medical Students, Temple University School of  
Medicine

Description and Objectives:

The goal of this course is to expose medical students to the  
various approaches to musculoskeletal disorders. By pooling the  
resources of each of the medical specialties represented in this  
course, the student is given a view of the necessary integration  
of many aspects of medicine in patient care.

Maximum Enrollment: commensurate with size of class; Outside  
Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; two 1-hour sessions, three 1-hour sessions, and  
one 2-hour session covering 7 days; November 1972

For Registration or Additional Information write to:

Arthur Silverman, M.D.  
Department of Rehabilitation Medicine  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

220 SENIOR DENTAL STUDENT CLERKSHIP-  
DENTISTRY FOR THE CHRONICALLY ILL AND  
HANDICAPPED

Instructors: Gilbert Zayon, D.D.S. and Jack Zafran, D.D.S.

For: Senior Dental Students

Description and Objectives:

The clerkship seeks to introduce the dental student with limited  
clinical experience to a segment of the population with which  
he does not come into contact in the school clinic, i.e., the  
chronically ill or handicapped person who cannot obtain normal  
dental services as does the "well-ambulatory" person, and to  
present basic concepts relating to the theory and practice of  
dentistry in typical clinical situations. It is highly probable that  
if a dental student is not exposed to this type of training he  
will, upon graduation, be less apt to understand and thus fully  
accept the chronically ill or disabled as his patients. The  
rehabilitated person with residual chronic disease or handicap  
needs dental attention to maintain a functional level of health.

RT-8

125

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 28 days once per week; September 1972 to May 1973

For Registration or Additional Information write to:

Gilbert Zayon, D.D.S. or Jack Zafran, D.D.S.  
Oral Research Laboratories  
Krusen Center for Research and Engineering  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

221           APHASIA STUDY GROUP

Instructor:   Adeline Schultz, M.Ed.

For:           Speech pathologists practicing or teaching in rehabilitation

Description and Objectives:

The objectives of the Aphasia Study Group are to provide opportunities for professional exchange regarding problems in the evaluation and treatment of aphasia and to provide opportunities for professional growth through the medium of didactic lectures in areas of related interest.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2½ hours/session monthly for 9 months; September 1972 to May 1973

For Registration or Additional Information write to:

Adeline Schultz, M.Ed., Speech Services  
Moss Rehabilitation Hospital  
Philadelphia, Pennsylvania 19141

222           DISCUSSION GROUPS FOR STAFF OF THE DEPARTMENT OF REHABILITATION MEDICINE

Instructor:   Robert Mabel, Ph.D.

For:           Professional and supportive level PM&R staff from physical therapy, occupational therapy, transportation service, and nursing

Description and Objectives:

The training groups are designed to promote an informal exchange of ideas and feelings relating to both patient care and interpersonal staff relations. Problems in many areas are dealt with toward the end of helping the participants cope more comfortably and effectively with similar situations should they arise in the future. An important objective for the group is greater awareness of and more skill in dealing with their attitudes and feelings.

126

RT-8

Maximum Enrollment: 12 per group; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day 1 day each week per group; ongoing program

For Registration or Additional Information write to:

Robert Mabel, Ph.D.  
Department of Physical Medicine and Rehabilitation  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

223

SEMINAR IN BIOENGINEERING, NEUROPHYSIOLOGY, PSYCHOPHYSIOLOGY, AND CLINICAL NEUROLOGY

Instructor: Richard Herman, M.D.

For: Graduate Students in Engineering at Drexel University, Krusen Center Research Staff, Staff of the Department of Anatomy at Temple University School of Medicine, Other Hospital Staff

Description and Objectives:

The training program emphasizes a linkage between the life and engineering sciences. It attempts to bridge a gap between the rehabilitation process existing between neurobiology and clinical practice by defining both biologically and clinically the physiological processes intrinsic to major disabilities.

Maximum Enrollment: 75; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours/day once monthly; ongoing program

For Registration or Additional Information write to:

Richard Herman, M.D.  
Krusen Center for Research and Engineering  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

224

VIDEOTAPES OF GROUP REHABILITATION COUNSELING

Instructor: Philip Spergel, Ed.D.

For: All levels of Medical and Paramedical Staff

Description and Objectives:

The objective of videotaping group rehabilitation counseling sessions is primarily to familiarize physicians and other staff members who work intimately with the patient with the psychological aspects of physical disability, its emotional ramifications, and the manner in which the problems associated with interpersonal relationships are dealt with in groups. This will enable the hospital personnel to develop a better and broader understanding of patients from a psychodynamic as well as physical standpoint.



RT-8

127

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; program not suited to predetermined scheduling of time and dates

For Registration or Additional Information write to:

Philip Spergel, Ed.D.  
Chief, Psychology Service  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

225 DENTAL INTERN TRAINING—DENTISTRY FOR THE CHRONICALLY ILL AND HANDICAPPED

Instructors: Gilbert Zayon, D.D.S.; Jack Zafran, D.D.S.

For: Dental Interns and Residents from Albert Einstein Medical Center

Description and Objectives:

The objective of the dental intern training will be to enhance the level of training of interns and residents with emphasis on improving their skills when applied to special oral problems of chronically ill and handicapped patients. The concomitant handling of the population group and treating their special dental problems can often affect future dental problems in a positive manner. For example, an arthritic or stroke patient may experience difficulties in inserting or removing a removable prosthesis, because of loss of finger strength and dexterity. Yet, by judicious treatment of several key teeth, a nonremovable or fixed prosthesis can be constructed and the patient would not be further handicapped by not being able to use their fingers. In this area, the dental specialist in root canal therapy (endodontics) can serve a vital function by treating patients in clinical surroundings that also afford many valuable experiences. The general dentist or prosthodontist also can contribute to the patient's oral rehabilitation by designing devices that can be easily handled and maintained by the patient or family member.

Maximum Enrollment: 4; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day 1 day/month/student for 6 months; dates vary

For Registration or Additional Information write to:

Gilbert Zayon, D.D.S. or Jack Zafran, D.D.S.  
Oral Research Labs  
Krusen Center for Research and Engineering  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

226 REHABILITATION WORKER TRAINEE PROGRAM

Instructors: Stanley Wendkos, R.P.T. and Marcia Scharf, O.T.R.

128

RT-8

For: Rehabilitation Workers from Comprehensive Health Services Program

Description and Objectives:

This input into the training of the Rehabilitation Worker is designed to provide on-the-job training in a hospital rehabilitation center. Thus, the trainee is given the opportunity to observe and participate in the rehabilitative care given by the Occupational Therapy and Physical Therapy Department to acute patients and to the patient with chronic physical disabilities requiring intensive physical rehabilitation.

Maximum Enrollment: undetermined at this time; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; hours and dates undetermined at this time

For Registration or Additional Information write to:

Stanley Wendkos, R.P.T.  
Department of PM&R  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

227 UNDERGRADUATE MEDICAL CLERKSHIP IN PHYSICAL MEDICINE AND REHABILITATION

Instructor: Dorothea Glass, M.D.

For: Senior Medical Students

Description and Objectives:

The clerkship is designed to provide interested and qualified students with a supervised clinical experience, to acquaint them with the multifaceted role of the physiatrist working with the chronically ill and/or physically disabled and to demonstrate to them in a tangible way the concepts of "team" functioning.

This is accomplished by assigning the student to one of the three 20-patient bed services or the 10-bed Pediatric Service at Moss Rehabilitation Hospital, or the 18-bed Rehabilitation Service at Temple University Hospital.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; full-time for 30 days; offered on request

For Registration or Additional Information write to:

Dorothea Glass, M.D.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

228 INTRODUCTION TO CLINICAL MEDICINE

Instructor: Arthur Silverman, M.D.

For: Sophomore Medical Students

Description and Objectives:

RT-8

129

The aim is to teach medical students the basic principles of patient evaluation and disability evaluation and those techniques used in taking a history, electrodiagnosis, and techniques of physical examination which are the basic skills necessary in disability evaluation.

Content: Students are taught: essentials of history-taking; essentials of a physical examination; muscle testing; joint range of motion measurement; functional testing; and disability evaluation and electrodiagnosis.

Maximum Enrollment: Commensurate with size of class; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours/week for 6 weeks; September 1972

For Registration or Additional Information write to:

Arthur Silverman, M.D.  
Department of Physical Medicine and Rehabilitation  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

229 FELLOWSHIP IN RHEUMATOLOGY

Instructor: George Ehrlich, M.D.

For: Physicians who have completed residencies in Internal Medicine

Description and Objectives:

The objectives of this fellowship are threefold: (1) to provide adequate graduate training to qualified physicians previously trained in internal medicine; (2) to practice the subspecialty of rheumatology; and (?) to participate in training programs as well as clinical and laboratory research.

Content: The fellowship explores clinical aspects, including diagnosis and treatment, as well as research aspects of rheumatology. The training for the clinical fellow emphasizes supervision of the Arthritis Center's in-patients; answering teaching service consultations; attending Arthritis Clinic; participating in or conducting clinical studies (including drug evaluations); attending seminars and symposia and the annual postgraduate course at New York University; attending meetings of rheumatism associations; and preparing work for publication. The research fellow attends grand rounds, team conference (which the clinical fellow plans) and Clinic, but otherwise is engaged in laboratory research.

Maximum Enrollment: 4; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; full-time program for 1 year; dates vary

For Registration or Additional Information write to:

George Ehrlich, M.D.  
Albert Einstein Medical Center  
York and Tabor Roads  
Philadelphia, Pennsylvania 19141

130

RT-8

230 BASIC CONCEPTS OF EMG AND NCV AS THEY  
RELATE TO OTHER MEDICAL SPECIALTIES

Instructor: Arthur Silverman, M.D.

For: Physicians who have specialized in Plastic Surgery,  
Rheumatology, and ENT and Orthopedics

Description and Objectives:

Plastic surgeons, rheumatologists, orthopods and otolaryngologists often request electrodiagnostic tests for their patients. However, there is often a need for instruction in the fine points of the indications, evaluation, and interpretation of such tests. The goal of this course is to increase the physician's understanding of the electrodiagnostic techniques as they relate to his specialty.

The content covers EMG and NCV theory and practice: (1) physiology, (2) electrical principles, (3) apparatus, (4) techniques, (5) normal patterns, (6) specific abnormal patterns, (7) anatomical aspects, (8) clinical aspects, (9) indications and value.

Maximum Enrollment: Open; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 3 days; lectures given on request

For Registration or Additional Information write to:

Arthur Silverman, M.D.  
Department of Rehabilitation Medicine  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

231 JUNIOR MEDICAL STUDENTS IN NEUROLOGY  
CURRICULUM

Instructor: Arthur Silverman, M.D.

For: Junior Medical Students, Temple University School of  
Medicine

Description and Objectives:

The objectives of this lecture series are to instruct the students in some of the disease entities most frequently dealt with in rehabilitation medicine. To this end, students are given information about the specialty of rehabilitation medicine. This series is designed to influence the students to view this specialty as a possible career choice as well as an important aspect of patient care.

Content: The following topics were discussed in terms of the scope and significance of the disability, methods of evaluation, and medical and rehabilitation management: paraplegia, arthritis, hemiplegia, amputation, peripheral neuropathy, and electrodiagnostic techniques.

Maximum Enrollment: 100; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 1 hour per day for 4 days; October to  
November 1972

For Registration or Additional Information write to:  
 Arthur Silverman, M.D.  
 Department of Rehabilitation Medicine  
 Temple University Hospital  
 Philadelphia, Pennsylvania 19140

232 WORK-STUDY PROGRAM FOR HIGH SCHOOL STUDENTS

Instructor: Philip Spergel, Ed.D.

For: Cheltenham High School Student (Senior)

Description and Objectives:

The immediate objective of the work-study program in rehabilitation psychology is to provide the student with a hands-on experience in a health career. The ultimate goal is to motivate the student to continue his education in rehabilitation psychology or a rehabilitation-related profession.

Content: The work-study program was designed to meet the student's educational needs and to build on his capabilities. The student received specific instruction in the following areas: (1) administration of work samples; (2) administration and scoring of paper and pencil psychological tests; (3) supportive counselling with younger patients.

Maximum Enrollment: 2; Outside Applicants Not Accepted;  
 Academic Credit Available

Schedule: Short-term; 3 hours per day for 9 months; September 1972 to May 1973

For Registration or Additional Information write to:  
 Philip Spergel  
 Chief, Psychology Service  
 Moss Rehabilitation Hospital  
 12th and Tabor Road  
 Philadelphia, Pennsylvania 19141

233 PSYCHOLOGY OF THE PHYSICALLY HANDICAPPED

Instructors: Dominic V. DeCencio, Ph.D.; Robert Mabel, Ph.D.

For: Senior (Undergraduate) Physical Therapy Students

Description and Objectives:

The objectives of this course are to enable the student to develop:

1. An understanding of the general psychological implications of physical disability and chronic illness;
2. An understanding of personality changes associated with disability, their adaptive elements and their relationship to the continuum of normal behavior;
3. An understanding of the psychologist's role and the tools he uses;
4. Familiarity with relevant theories and research;
5. The ability to modify his approach to patient treatment based on his understanding of psychological factors.

Content: This course will cover the following areas: phases of personality development; self-concept and body,

image; adjustment and coping mechanisms; the meaning of disability; role changes and disability; role of the psychologist; assessment techniques; social aspects of the rehabilitation process; adaptation to stress; psychodynamics of physical disability; relevant personality theories; cerebral organic conditions—intellectual and personality changes; psychological aspects of traumatic disability; disabilities of gradual onset; chronic illness; aging; learning theory applications; motivation; attitude change and behavior modification.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 15 days; January to May 1973

For Registration or Additional Information write to:

Robert Mabel, Ph.D.  
Department of Physical Medicine and Rehabilitation  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

234      **MANUAL FOR MANAGING THE DISABLED  
PATIENT IN THE DENTAL OFFICE**

Instructor: Jack Zafran, D.D.S.

For: Dentists and Dental Students

Description and Objectives:

The object of the manual is to provide an illustrated description of transfer activities, special patient problems, supportive and assistive devices and wheelchair handling techniques. Initial distribution will be done by the Journal of the Pennsylvania State Dental Association in their regular mailing. It is anticipated that national distribution will be provided by the American Dental Association. This is meant to reach a large population in the dental field and provide information on the disabled patient which most professionals and students would not otherwise receive.

Maximum Enrollment: Not Applicable; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Not Applicable

For Registration or Additional Information write to:

Jack Zafran, D.D.S.  
Oral Research Laboratories  
Krusen Center for Research & Engineering  
Moss Rehabilitation Hospital  
12th and Tabor Road  
Philadelphia, Pennsylvania 19141

235      **THEORY AND PRACTICE: BIOKINETICS LABORA-  
TORY RESEARCH**

Instructor: F. Ray Finley, Ph.D.

For: College Students, High School Students

## Description and Objectives:

(1) To introduce students to the scientific method of research and the use of statistical procedures; (2) To describe and apply tests and measurement in research; (3) To provide an orientation to the recording and measurement procedures in the Biokinetics Laboratory.

Rehabilitation Significance: Rehabilitation as an extended concept implies a multidisciplinary approach. Many specialties work in concert for the benefit of the patient or client. This concept was constantly demonstrated and reinforced throughout the training session by the harmonious interplay of therapists, nurses, physician, engineers, psychologists, and social workers. The interdisciplinary approach was not just taught as an ideal but was reduced to practical application as a way of life in a rehabilitation hospital. Scientific research is a directed, practical way of bringing about progress in the rehabilitation field. The students participating in this training project are introduced to the methodology of research and observe how it is applied in the delivery of health care.

Maximum Enrollment: 8; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 8 days; June 1973 to July 1973

For Registration or Additional Information write to:

F. Ray Finley, Ph.D.  
 Krusen Center for Research and Engineering  
 Moss Rehabilitation Hospital  
 12th and Tabor Road  
 Philadelphia, Pennsylvania 19141

### 236 WORKSHOP FOR ANIMAL TECHNICIAN TRAINING

Instructor: James Vargas, B.S.

For: High School Students

## Description and Objectives:

1. To introduce students to the principles of laboratory animal care;
2. To teach the students the role of animals in the scientific framework;
3. To inspire disadvantaged youths to pursue career opportunities in the broad field of scientific research.

Content: "The Workshop for Animal Technician Training" teaches the students the principles of laboratory animal techniques and the theory and practical application of the equipment. The course content includes:

1. The history of the laboratory animal in research, and the growth of the specialty of laboratory animal care;
2. The role of the laboratory animal technician;
3. The relationship of the animal to his environment;
4. Care of the different species—hygiene, bedding, feeding, etc.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Available

134

RT-8

Schedule: Short-term; 2 hours per day for 20 days; dates vary

For Registration or Additional Information write to:

Mr. James Vargas  
Director, Animal Laboratory  
Korman Research Laboratory  
12th and Tabor Road  
Philadelphia, Pennsylvania 19141

237 NEUROSENSORY CURRICULUM

Instructor: Richard Herman, M.D.

For: Freshman and Sophomore Medical Students (T.U.)

Description and Objectives:

The objectives are to familiarize the students with pathophysiological principles related specifically to the course presented and generally to the disease process described.

Content. It is proposed that the following departments will participate in presentations: Anatomy, Physiology, Pharmacology, Neurosensory Curriculum. The content will be as follows: Anatomy: kinesiology, abnormal movement disorders, specific neuromuscular diseases; Physiology: principles and clinical problems related to specific dysfunctions; Pharmacology: neuropharmacology, use of drugs for such conditions as spasticity and control of bladder function, learning disorders.

Maximum Enrollment: 323; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 32 days; September 1972 to May 1973

For Registration or Additional Information write to:

Richard Herman, M.D.  
Chairman, Department of Rehabilitation Medicine  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

238 MULTIDISCIPLINARY FELLOWSHIP PROGRAM

Instructor: Martin Leshner, Ph.D.

For: Students currently registered in academic programs leading to degrees or certificates in any of the following fields: Medicine; Clinical, Counseling, Social and Physiological Psychology; Occupational Therapy; Physical Therapy; Speech Pathology; Dentistry; Social Work, Social Welfare, Social Administration; Biomedical Engineering; Vocational Rehabilitation Counseling; Rehabilitation Administration

Description and Objectives:

The objectives of the Multidisciplinary Fellowship Program are to provide a meaningful learning experience in substance areas related to rehabilitation of the physically disabled and/or chronically ill; to offer the student the opportunity to actively participate in a clinical or research experience in the discipline of his choice; and to give the student the opportunity to see



RT-8

135

how his work is integrated into the total functioning of the rehabilitation team.

Maximum Enrollment: Commensurate with funding level; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 8 weeks; November 1972 to November 1973

For Registration or Additional Information write to:

Martin Leshner, Ph.D.  
Suite 810, Beury Building  
3701 North Broad Street  
Philadelphia, Pennsylvania 19140

239 SYMPOSIUM ON PERIPHERAL ARTERIAL DISEASE: DIAGNOSIS, MEDICAL AND SURGICAL TREATMENT, AMPUTATION, CURRENT PROSTHETIC CONCEPTS

Instructor: Richard A. Chidsey, M.D.

For: Physicians and paramedical personnel

Description and Objectives:

The symposium is designed to provide comprehensive review and discussion of current concepts of diagnosis, medical and surgical treatment and lower extremity prosthetic techniques and to inform and disseminate information to practicing physicians.

Maximum Enrollment: 150; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; October 27 to October 28, 1972

For Registration or Additional Information write to:

Richard Chidsey, M.D.  
Department of Rehabilitation Medicine  
Temple University School of Medicine  
Philadelphia, Pennsylvania 19140

240 PATIENT ADVOCATE PROGRAM

Instructor: Philip Spergel, Ed.D.

For: Undergraduate Student majoring in Psychology or Multidisciplinary Fellowship Student

Description and Objectives:

The objective of this program is to train disabled individuals who are former patients to provide psychological support and guidance under supervision to patients with a variety of disabilities. The trainee provides an additional communication input between the patient and the professional staff. The trainee assists the patient in problems related to activities of daily living, personal hygiene, family interaction, educational planning, etc.

136

RT-8

Maximum Enrollment: Open; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 40 days; June 1973 to  
August 1973

For Registration or Additional Information write to:

Philip Spergel, Ed.D.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19140

241 INTERDISCIPLINARY COURSE IN NEUROLOGY  
DEPARTMENT

Instructor: Richard Herman, M.D.

For: Junior and Senior Medical Students

Description and Objectives:

The lectures are: (1) Spasticity and its Control; (2) Neurology  
Problems with Pediatric Patients; and (3) Neuropharmacology.  
The goals of this lecture series are to furnish information  
concerning pathophysiological processes, functional disturbances  
and treatment of certain neurosensory disturbances and to  
implement other training activities which are concerned with  
rehabilitation care of the neurologically disabled.

Maximum Enrollment: Commensurate with class size; Outside  
Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 3 days; January to May  
1973

For Registration or Additional Information write to:

Richard Herman, M.D.  
Temple University Hospital  
Department of PM&R  
Philadelphia, Pennsylvania 19141

242 OCCUPATIONAL THERAPY WORKSHOP IN  
TREATMENT TECHNIQUES FOR SENSORIMOTOR  
DYSFUNCTION

Instructors: Marcia Scharf, B.S.O.T. and Allison Dea, B.S.Ed.

For: Occupational Therapists

Description and Objectives:

The goals of the workshop are as follows: (1) To offer a better  
understanding of the neurophysiological bases of treatment  
techniques with patients who have neurological disorders; (2)  
To learn evaluative procedures used with the patient in order to  
determine the applicability of treatment techniques under  
guidance of experienced therapists; (3) To attain proficiency in  
applying techniques independently; (4) To evaluate these  
procedures compared to traditional procedures; (5) To extend  
professional knowledge and competency that participants can in  
turn share with other OT's.

RT-8

137

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 5 hours per day for 5 days; Spring 1973

For Registration or Additional Information write to:

Allison Dea, B.S.Ed.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

243 BIOMECHANICS AND BIOELECTRICITY FOR  
PHYSICAL MEDICINE RESIDENTS

Instructor: F. Ray Finley, Ph.D.

For: Physical Medicine Residents

Description and Objectives:

The purpose of this lecture series is to review the principles of biomechanics and bioelectricity and to relate these to practical applications in rehabilitation medicine for first- and second-year residents in physical medicine. Included in the curriculum are the following: (1) Biomechanics — (a) general introduction, (b) forces and motion, (c) work and energy, (d) machines and mechanisms, (e) properties of matter, (f) general application; (2) Electronics — (a) basic concepts, (b) passive circuit elements, (c) AC and DC, (d) electronic equipment, (e) instrumentation; (3) Orientation to Research — (a) scientific method and (b) research design.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 1 hour per day for 17 days; November 1972 to February 1973

For Registration or Additional Information write to:

F. Ray Finley, Ph.D.  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

244 SENIOR DENTAL ELECTIVE

Instructors: Jack Zafran, D.D.S. and Gilbert Zayon, D.D.S.

For: Senior Dental Students

Description and Objectives:

The purpose of the senior dental elective is to provide the dental student with a structured exposure to rehabilitation dentistry so that he can gain first-hand knowledge of dental treatment for the chronically ill and/or physically disabled. This type of exposure produces empathy for the patient, increased skill in patient management, and increased confidence in dealing with disabled patients. It is also expected that the student will generalize this experience to all his future professional relationships.

A reluctance on the part of the patient to receive dental

care is surpassed by reluctance of most dental students and dentists to give dental care. A negative attitude exists on the part of the practitioner because of ignorance and inexperience in lack of contact with this population during academic training.

The senior dental elective is designed to give a future practitioner the opportunity to overcome an initial apprehensiveness about treating "sick" patients. Consequently, the trainee becomes a dedicated and skilled practitioner who is aware of the dental needs in the disabled population. In the broader view, the training illustrates one way of changing attitudes towards a little-chosen specialty of dentistry and sets the pattern for similar training in the future.

Furthermore, patients undergoing rehabilitation should have dentistry included among the various disciplines in order to promote better mastication and, therefore, better nutrition, better speech through proper prosthetic replacements, and better cosmetics.

Maximum Enrollment: 1; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 2-3 hours per day 1 day/week for 9 months;  
October 1972 to June 1973

For Registration or Additional Information write to:

Jack Zafran, D.D.S.  
Oral Research Laboratories  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

245 REHABILITATION DENTISTRY FOR THE  
CHRONICALLY ILL AND HANDICAPPED PEDI-  
ATRIC PATIENT

Instructors: Gilbert Zayon, D.D.S. and Jack Zafran, D.D.S.

For: Graduate Dentists, Dental Assistants, Dental Interns,  
Dental Residents

Description and Objectives:

The objective of this training is to acquaint graduate dentists, dental interns, residents and assistants with the problems and procedures encountered in rehabilitation dentistry of the pediatric patient. Emphasis is placed on methods of patient management with special attention given to ways of utilizing clinical facilities, cross-discipline consultation, and prescription of long-range dental treatment goals which can be integrated into the patient's dental rehabilitation program.

Oral care of the handicapped or chronically ill child is pertinent in rehabilitation with respect to reduction of infection potential, maintenance of the developing chewing apparatus, and control of deviant tongue habits as they affect swallowing and speech. Training dentists to concern themselves with the multiple problems of the child and with the investigation into methods of delivering oral health care to those patients should broaden the base of dentists who will be available to render such care.

RT-8

139

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day 1 day/week for entire year; February 1972 to April 1973

For Registration or Additional Information write to:

Gilbert Zayon, D.D.S.  
Oral Research Laboratories  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

246 SEMINAR IN PERIPHERAL VASCULAR DISEASE FOR PODIATRISTS

Instructor: Jack B. Gorman, D.P.M.

For: Podiatrists

Description and Objectives:

The purpose of this two-day seminar is to instruct podiatrists from the community in the evaluation of peripheral vascular disease in their patients. Emphasis will be placed on special considerations regarding treatment which must be taken into account in patients with peripheral vascular disease. The following is a tentative list of the presentations which will be included in the seminar: (1) Diagnosis and initial care of peripheral arterial disease of the lower extremities; (2) Podiatric treatment of patients with peripheral vascular disease at Moss Rehabilitation Hospital; (3) Recent non-invasive techniques in the evaluation of the peripheral blood flow; (4) Diabetes and other systemic diseases involving the lower extremities; (5) Surgical consideration in the patient with peripheral vascular disease; (6) Peripheral vascular disease in pediatric practice; (7) Panel discussion: evaluation of peripheral vascular surgical cases.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; Winter 1972

For Registration or Additional Information write to:

Jack B. Gorman, D.P.M.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

247 ADVANCED ANIMAL TECHNICIAN TRAINING—CHELTENHAM HIGH SCHOOL

Instructor: James Vargas, B.S.

For: Cheltenham High School Seniors

Description and Objectives:

The course is designed to motivate academically talented students to pursue a scientific career. Specifically the students are introduced to various elements of work in the animal laboratory including surgical scrubbing and assisting in surgery,

140

RT-8

evaluation of disease in animals, and post-surgical care of animal.

Maximum Enrollment: 5; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 2 hours per day for 20 days; March to May 1973

For Registration or Additional Information write to:

James Vargas, B.S.  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

248 ANIMAL TECHNICIAN TRAINING AT SIMON  
GRATZ HIGH SCHOOL

Instructor: James Vargas, B.S.

For: High School Juniors and Seniors from Simon Gratz  
High School

Description and Objectives:

The objective of this course is to provide a theoretical orientation to laboratory animal care. A more generalized goal is to expose the students to the scientific approach and to motivate the students to pursue a medically-oriented scientific career.

Maximum Enrollment: 25; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 2 hours per day for 18 days; April to May 1973

For Registration or Additional Information write to:

James Vargas, B.S.  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

249 ORIENTATION TO MEDICAL PROBLEMS IN THE  
COMMUNITY FOR ADULT COMMUNITY  
RESIDENTS

Instructor: James Vargas, B.S.

For: Adult Residents of the North Philadelphia Community

Description and Objectives:

The objective is to make community residents more aware of the medical problems as they exist in their neighborhood. It is expected that this heightened awareness will improve the health of the trainees. They will also become more aware of the health services available to them in the community.

Maximum Enrollment: Open; Outside Applicants Not Accepted;  
Academic Credit Not Available

RT-8

141

Schedule: Short-term; 4 hours per day for 1 day; April to May 1973

For Registration or Additional Information write to:

James Vargas, B.S.  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

250 TRAINING IN PEDIATRIC REHABILITATION—  
ELIZABETHTOWN STATE CRIPPLED CHILDREN'S  
HOSPITAL

Instructor: Richard Herman, M.D.

For: Residents in Rehabilitation Medicine

Description and Objectives:

To provide an unusual and unique program in Pediatric Rehabilitation with specific emphasis on neurosensory disabilities in a child. The objective is to offer second- and third-year Residents a clinic experience in which they can acquire an adequate background in Pediatric Neurology, Growth and Development, Developmental Disabilities and Organization of Therapeutic Program. The practical emphasis is upon the child with cerebral palsy, myelomeningocele, the minimal brain dysfunctions, the muscular dystrophy, etc. The training program is related to the practice of Pediatric Electromyography.

Maximum Enrollment: 2 Residents a week; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 7 hours a day; ongoing

For Registration or Additional Information write to:

Richard Herman, M.D.  
Department of Rehabilitation Medicine  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

251 VOCATIONAL COUNSELOR TRAINING PROGRAM

Instructor: Thomas Matsko, M.S.

For: Vocational Rehabilitation Field Counselors

Description and Objectives:

The objectives of this program are the following: (1) To provide information about and opportunities for observation of adult aphasic patients who might be candidates for vocational rehabilitation; (2) to provide information leading to increased understanding of the vocational needs of adult aphasics; (3) To provide cooperative planning between vocational counselors and speech clinicians for vocational planning and placement of adult aphasics. The course itself will consist of the following topics: introduction and rationale, the nature of aphasia, testing procedures and interpretations, therapeutic approaches, communicating with the aphasic, family relationships, physical problems, and vocational problem-solving.

142

RT-8

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1-3 hours per day for 3 days; September 1972 to February 1973

For Registration or Additional Information write to:

Thomas Matsko, M.S.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

252 CLINICAL NEUROPSYCHOLOGY—PRACTICUM

Instructor: Robert M. Mabel, Ph.D.

For: Doctoral level clinical psychology students

Description and Objectives:

The purpose of this practicum is to complement the course in Clinical Neuropsychology given at the main campus of Temple University. It provides the students with clinical experiences so that they become more familiar with the behavioral and cognitive correlates of organic brain pathology. Also, it better prepares them to enter an internship in rehabilitation psychology. Students participating in this practicum learn the administration and interpretation of the Halstead Neuropsychology Test Battery. They work with at least two patients and are closely supervised in technique and interpretation.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 14 days; September 1972 to January 1973

For Registration or Additional Information write to:

Robert M. Mabel, Ph.D.  
Department of Rehabilitation Medicine  
Temple University Hospital  
Philadelphia, Pennsylvania 19140

253 ONE-DAY SEMINAR: DENTISTRY FOR THE CHRONICALLY ILL AND AGED

Instructors: Gilbert Zayon, D.D.S. and Jack Zafran, D.D.S.

For: Dentists

Description and Objectives:

The objectives of this one-day seminar will be to provide dentists and their parodontal personnel in the community with an overview of an area of dental practice that is not taught in local dental schools. The increasing population of the aged, chronically ill and handicapped deserves the attention of the community dentist, particularly with the onset of forthcoming health maintenance organization programs.

A tentative list of areas which will be covered in the seminar include: (1) Identifying the oral problems of the chronically ill and aged patient; (2) Defining the goals of oral



RT-8

143

therapeutics within the context of the patient's total rehabilitation program; (3) Management of the physically handicapped patient; (4) Psychosocial problems related to obtaining dental care.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; November or December 1972

For Registration or Additional Information write to:

Gilbert Zayon, D.D.S.  
Oral Research Laboratories  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

254 RESEARCH SEMINAR—KRUSEN CENTER FOR RESEARCH AND ENGINEERING

Instructor: Richard Herman, M.D.

For: Staff of Krusen Research Center, Invited Guests

Description and Objectives:

The seminar serves as a medium for dissemination of information relevant to selected ongoing research projects within the center. Research staff are given the opportunity to exchange ideas about their projects and critique their colleagues' work.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 9 hours per day for 1 day (held 6 times during year, bimonthly); ongoing

For Registration or Additional Information write to:

Richard Herman, M.D.  
Krusen Center for Research and Engineering  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

255 REHABILITATION NURSING AFFILIATION FOR PUBLIC HEALTH NURSES

Instructor: Florence Kern, R.N., B.S.

For: Registered Nurses

Description and Objectives:

The objectives of this intensive four-week clinical experience are to assist the public health nurse to: identify nursing problems associated with specific severe disabilities and to formulate nursing care plans for individual patients, to evaluate the patient's ability to function in activities of daily living, to increase their basic nursing knowledge in the area of preventing deformities and assisting the patient to maintain maximum function with his abilities, and to increase her skills as a teacher

of rehabilitation nursing techniques. Trainees participate as members of the rehabilitation team and thereby develop an understanding of the role of other disciplines involved in the rehabilitation process. Emphasis is placed on appreciating the psychosocial aspects of physical disability. The curriculum is comprised of four units of one-week duration each: arthritis; spinal cord injury; CVA; and peripheral vascular disease, amputation, diabetes, and pulmonary. Included in the teaching methods are didactic lectures, conferences, supervised clinical experiences, demonstrations, printed materials, and audiovisual aides.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 20 days; February to March 1973

For Registration or Additional Information write to:  
Florence Kern, R.N.  
Moss Rehabilitation Hospital  
12th Street and Tabor Road  
Philadelphia, Pennsylvania 19141

## RT-9

## The George Washington University

## 256 GROUP THERAPY FOR PSYCHOGENIC ASTHMA PATIENTS

Instructors: Halla Brown, M.D.; Richard Rogers, M.D.

For: Patients with a Diagnosis of Psychogenic Asthma

Description and Objectives:

To teach patients diagnosed with Psychogenic Asthma to control these factors that bring about an attack.

Group sessions are held once a week for one hour. Eight to twelve patients whose conditions have been confirmed as Psychogenic Asthma participate in the program. The sessions are conducted by Dr. Halla Brown, Director of Allergy Clinic of GWU Medical Center, and Dr. Richard Rogers, a Psychiatrist.

The purpose of these group sessions is to instruct the patients about the nature of their illness, and to help each of them to discover the emotional and psychological states which precipitate an asthmatic attack. The majority of the participants learn to control these factors and thus help in their individual treatments.

These therapy sessions are structured so that rehabilitation personnel who have the background for this particular type of work can also be trained to work with asthmatic patients.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day 1 day per week; September 1972 to September 1973

For Registration or Additional Information write to:

Halla Brown, M.D.  
The Geo. Wash. Univ. Medical Center  
Allergy Clinic  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

## 257 COMMUNITY AND STAFF CONFERENCES

Instructors: John Naughton, M.D.; Mahmoud Mourad, M.D.

For: Physicians, Rehabilitation Counselors, Physical Therapists, Social Workers, Nurses, Occupational Therapists, and other health workers

Description and Objectives:

To provide continuing education for medical and nonmedical personnel involved in rehabilitation and work with the disabled.

The community and staff conferences are held every Thursday morning from 8 to 9 a.m., throughout the year, to provide physicians and other personnel engaged in rehabilitation with continuing education in Rehabilitation Medicine and

rehabilitation practices. Each conference consists of a discussion on a special topic chosen on the basis of current interest or need, followed by a question and answer period participated in by the audience. Patients are presented in the conferences. Slides, movies, and other audiovisual aids are also used.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day 1 day a week; continuing program

For Registration or Additional Information write to:  
John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

258 TRAINING PROGRAM IN ADOLESCENT PSYCHIATRY FOR VOCATIONAL COUNSELORS

Instructor: William Tompkins, M.D.

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide Vocational Rehabilitation Counselors with information regarding the problems of adolescents and the management of juvenile delinquents.

This training program will be in the form of consultations, individual or in groups, with the Psychiatric Staff of the Rehabilitation Research and Training Center of The George Washington University regarding the psychiatric problems of the adolescent clients or juvenile delinquents who comprise the caseloads of these counselors. These consultations will provide an opportunity to the counselors, not only to discuss specific problems with the psychiatrists, but to obtain information on various topics of Psychiatry which pertain to their work, and make possible on-the-spot teaching conferences which will result in a better management of their cases.

This program will be prepared in consultation with the DVR Agencies so that it can be tailor-made to meet their needs in this important area of Rehabilitation.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; dates and time to be set

For Registration or Additional Information write to:  
William Tompkins, M.D.  
George Washington University Hospital  
Washington, D.C. 20037

259 CONTINUING EDUCATION FOR COUNSELORS IN THE DEPARTMENT OF VOCATIONAL REHABILITATION

Instructors: John Naughton, M.D.; Wm. Tompkins, M.D.; and others

RT-9

147

For: Vocational Rehabilitation Counselors

Description and Objectives:

A weekly seminar series is conducted for sixteen weeks for counselors in the Department of Vocational Rehabilitation. Drs. John Naughton and William Tompkins are the co-directors. The course context was developed in response to the perceived needs of the counselors through the submission of a questionnaire. Twenty counselors are enrolled and meet with the co-directors every Wednesday from 8:30 to 10 a.m. for sixteen consecutive sessions. A counselor initiates each session by presenting a problem case illustrative of the topic under discussion. The co-directors serve as resource personnel to develop and to explore the clinical problem the counselor wishes resolved. The counselors are awarded a certificate at the completion of the course.

Sessions will include such topics as: Arthritis, Neurology, Cardiology, Pulmonary Disorders, Emotional Aspects of Long-term Illness and Alcoholism and Drug Addiction.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1½ hours per day for 16 days; entire year

For Registration or Additional Information write to:

John Naughton, M.D.  
George Washington University Medical Center  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

260           PHYSIOLOGY OF EXERCISE TESTING AND  
TRAINING OF CORONARY DISEASE PATIENTS  
AND CORONARY PRONE SUBJECTS: PRINCIPLES,  
TECHNIQUES, APPLICATIONS AND EFFECTS

Instructor: John Naughton, M.D.

For: Physicians, Health Educators, Physiologists

Description and Objectives:

An intensive one-week postgraduate course was conducted in April 1972. The staff included internationally recognized experts in various aspects of cardiac rehabilitation from the United States and abroad. The students included physicians, health educators and physiologists. The curriculum included didactic, open discussion, workshops and audiovisual methods of communication. The course covered all aspects of the rehabilitative process for the survivors of a myocardial infarction, and the material will be published in a monograph.

Two seminars of one-week duration will be held in January 1973 and in April 1973 duplicating the April 1972 seminar.

Maximum Enrollment: 200; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 12 hours per day for 7 days; January 1973 to April 1973

For Registration or Additional Information write to:

113

148

RT-9

John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

261 VISUAL AIDS FOR SUBNORMAL VISION

Instructor: Roberto N. Sunga, M.D.

For: Ophthalmology Residents

Description and Objectives:

Rotation in the Low Vision Clinic is part of the residency training program of the Department of Ophthalmology. The resident learns the techniques of evaluation and visual rehabilitation of patients with subnormal vision. He becomes familiar with the optical principles and uses of the different visual aids. He also participates in the research activities of the clinic.

Maximum Enrollment: 3; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 30 days; entire year

For Registration or Additional Information write to:

Mansour Armaly, M.D., Chairman  
Department of Ophthalmology  
George Washington University Medical Center  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

262 AN EXPLORATION OF SOCIAL PROBLEMS IN REHABILITATION MEDICINE

Instructor: John Naughton, M.D.

For: Graduate and Undergraduate Students

Description and Objectives:

A one-semester seminar course is conducted under the supervision of Dr. John Naughton for seminar students enrolled in a course in Social Behavior at The George Washington University. The students work in various health-related agencies to fulfill some of the course requirements, and meet with Dr. Naughton at weekly intervals to discuss the relevance and irrelevance of the health care system to the needs of the society. The discussions are informal and designed to make the student the real participant. The goal is to develop an appreciation of the needs for improved rehabilitation services in the community and to stimulate the students to appraising their future responsibilities in meeting the identified needs.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 16 days; Spring Semester 1973

For Registration or Additional Information write to:

John Naughton, M.D.

RT-9

149

George Washington University Medical Center  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

263 PROBLEMS IN REHABILITATION ADMINISTRATION FOR HEALTH CARE ADMINISTRATION STUDENTS

Instructors: John Naughton, M.D.; RT-9 Staff

For: Graduate Students in Health Care Administration

Description and Objectives:

A one-semester course is offered graduate students in Health Care Administration. The emphasis of the course is directed toward problems of administration related to the implementation of rehabilitation programs. Course credit is given. The staff includes members of the RT Center as well as other experts in the University and Greater Washington Metropolitan area. The format of each session includes a 45-minute lecture followed by a 45-minute summation and open question and answer period.

Maximum Enrollment: 100; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day for 16 days; Fall Semester 1973

For Registration or Additional Information write to:

John Naughton, M.D.  
George Washington University Medical Center  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

264 TRAINING IN PSYCHOSOMATIC MEDICINE

Instructor: Melvin Stern, M.D.

For: House Staff and Undergraduate Medical Students

Description and Objectives:

To provide an elective rotation for House Staff and Undergraduate Medical Students interested in the field of Psychosomatic Medicine.

This training program is being planned for members of the House Staff and Undergraduate Medical Students who have an interest in the broad field of Psychosomatic Medicine. It will include ward rounds, teaching conferences, and actual exposure to the diagnostic techniques and the management and treatment of these patients. The trainees will also participate in ongoing research endeavors and will be encouraged to initiate their own research projects.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 20 days; September 1972 to September 1973

For Registration or Additional Information write to:

150

150

RT-9

Melvin Stern, M.D.  
George Washington University Hospital  
Washington, D.C. 20037

265        **TEAM APPROACH TO REHABILITATION FOR NURSES**

Instructors: William Tompkins, M.D.; Irene Tamagna, M.D.; and others

For:        Nurses from all units of the GWU Hospital

Description and Objectives:

To expose the nurses from the various wards of the GWU Hospital to the team concept in rehabilitation.

This training program will be in the form of a rotation schedule similar to the one that is followed by members of the House Staff of the GWU Hospital. It is based on the philosophy that the rehabilitation process should start while the patient is still in the hospital, and in order for this to be made more a reality than a mere concept, the nurses from all the wards of the hospital will be assigned to the Rehabilitation Ward on a rotating basis. This rotation will not only make the nurses more aware of the rehabilitation of the patient, regardless of what his acute medical condition is, but will give them actual experience and training in the management, handling and care of the rehabilitation patient. This will make possible their exposure to the multidisciplinary approach to Rehabilitation and acquaint them with Physical Therapy, Occupational Therapy, and all the modalities and techniques that are employed to rehabilitate a patient.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; dates and time to be set

For Registration or Additional Information write to:

William Tompkins, M.D.  
George Washington University Hospital  
Washington, D.C. 20037

266        **A SURVEY COURSE FOR TEACHERS WORKING WITH EXCEPTIONAL CHILDREN IN FAIRFAX COUNTY**

Instructors: John Naughton, M.D.; RT-9 Staff

For:        Teachers for Exceptional Children

Description and Objectives:

A one-semester survey course is offered to teachers working in the Virginia School System and teaching the exceptional child. The course is structured to review the pathology of cerebral palsy, mental retardation and other disabilities with which the teachers come into day-to-day contact. Each session is a two-hour session equally divided between didactic presentation and open discussion.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available



RT-9

151

Schedule: Long-term; 2 hours per day 1 day a week for 10 weeks;  
Spring Semester 1973

For Registration or Additional Information write to:

John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

267           SPORTS MEDICINE FOR HEALTH EDUCATION  
STUDENTS

Instructor:   John Naughton, M.D.; et al.

For:           Graduate Students in Health Education

Description and Objectives:

A didactic and practicum is offered as part of the graduate education program for students in Health, Physical Education and Recreation during the second semester. The course consists of sixteen sessions which meet on Mondays from 6-8 p.m. Sixteen to twenty students can be accommodated. The course includes lectures on the basis of human performance, practical demonstrations of techniques of exercise testing and emergency cardiac care and applied clinical sessions on selected topics in Sports Medicine. The curriculum is as follows: What is Sports Medicine?; Exercise Testing; Cardiopulmonary Physiology; Electrophysiology; Environmental Factors and Performance; Mechanisms of Football Injuries; Metabolic Adaptations to Exercise; Muscle Physiology; Injuries of Muscle and Joints; Physical Modalities Used in Sports Injuries; and Drugs and Physical Performance.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day 1 day/week; Spring Semester 1973

For Registration or Additional Information write to:

John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

268           CLINICAL HUMAN PERFORMANCE CONFERENCE

Instructors:   Patrick Gorman, M.D.; John Naughton, M.D.; Samuel Fox III, M.D.

For:           Investigators Concerned with Human Performance

Description and Objectives:

A one-hour teaching session is conducted each Friday from 3-4 p.m. to discuss practical and clinical aspects of human performance. The conference is directed by Dr. Patrick A. Gorman and is attended by the investigators working in the area of human performance, physical medicine and rehabilitation residents, cardiology fellows and medical students. The average weekly attendance is ten. The sessions are open to other individuals in the Washington, D.C. areas interested in problems of exercise testing, cardiac rehabilitation, and exercise

152

RT-9

electrocardiography. The sessions deal with basic problems in stress and exercise physiology, interpretation of test results and the application of principles of work physiology to the constructing of an exercise prescription. The teaching staff includes Drs. Samuel M. Fox III and John Naughton.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 50 days; entire year

For Registration or Additional Information write to:

John Naughton, M.D.  
George Washington University Medical Center  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

269 REHABILITATION MEDICINE FOR GRADUATE STUDENTS IN REHABILITATION COUNSELING

Instructors: John Naughton, M.D. and others

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

A one-semester survey course in medical problems is presented to graduate students enrolled in Rehabilitation Counseling. The teaching staff includes members of the RT Center. The sessions meet weekly and course credit is provided. The sessions include a 45-minute lecture followed by a 45-minute seminar and open discussion period. The course is open to social workers and to vocational rehabilitation counselors working in the greater metropolitan Washington area. The curriculum and staff includes: Drug Abuse — John LaRosa, M.D.; Pulmonary Disease — Harold Silver, M.D.; Cardiac Problems — John Naughton, M.D.; Neurological Diseases — William Tompkins, M.D.; Alcoholism — Stephen Wolin, M.D.; Prosthetics and Orthotics — William Fortune, M.D.; Renal Diseases — Irene Tamagna, M.D.; Developmental Disabilities — Gloria Eng, M.D.; Posture and Gait in Disease — Mahmoud Mourad, M.D.; Spinal Cord Injury — Wu Shung Chiu, M.D.; Social Work in Hospital Setting — Mrs. Rose Meyer; Aphasic Patients — Miss Linda Brissman; Schizophrenic and Psychopathic Behavior — Melvin Stern, M.D.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day 1 day/week; Fall Semester

For Registration or Additional Information write to:

John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

270 CLINICAL ASPECTS OF ALCOHOLISM

Instructor: Steven Wolin, M.D.

For: Medical Students

**Description and Objectives:**

Second-year medical students at The George Washington University Medical School attend a one-hour lecture on the causes and pathogenesis of the alcoholism problem, diagnostic procedures and treatment. Third-year medical students attend seminars of one hour a day for 10 to 12 weeks with the RT-9 Psychiatrist, Dr. Wolin, for greater in-depth study of the alcoholism problem.

**Maximum Enrollment:** 150; **Outside Applicants Not Accepted;**  
**Academic Credit Available**

**Schedule:** Long-term; 1 hour per day for 10-12 weeks; **Entire year**

**For Registration or Additional Information write to:**

Steven Wolin, M.D.  
Rehabilitation R&T Center  
George Washington University Hospital  
Washington, D.C. 20037

**271 INPATIENT CARE IN REHABILITATION MEDICINE**

**Instructor:** John Naughton, M.D.; et al.

**For:** Resident Physicians, Interns, Medical Students

**Description and Objectives:**

Part of the teaching program in Medicine. The Rehabilitation Ward of The George Washington University Hospital is staffed by a Resident Physician, two interns and two medical students. This team is responsible for the care of the 18 patients hospitalized in the unit. Their performance is supervised in a preceptorship relationship by each patient's private physician, and academically by the Rehabilitation Staff. The teaching program includes attending rounds three times a week; a family conference once a week; the Rehabilitation Staff and Community Conference once a week; the Amputee Clinic; and two community conferences.

The attending rounds are structured as two-hour sessions during which clinical problems are discussed in depth. An Internist conducts the Monday morning sessions; a Psychiatrist, Wednesday mornings; and either a Psychiatrist or Orthopedic Surgeon, Friday mornings.

The week's teaching schedule is arranged to provide the developing physician a truly multi- and interdisciplinary experience in the areas of patient care and rehabilitation medicine. The attending rounds are also participated in by a speech therapist, physical therapist and vocational counselor. The length of rotation can vary from 4 to 12 weeks. Students from other schools of medicine, physical therapy, occupational therapy, and speech and hearing pathology can be accepted should they wish to elect such an experience.

**Maximum Enrollment:** 6; **Outside Applicants Accepted;** **Academic Credit Available**

**Schedule:** Long-term; 8 hours per day for 6/week; **Entire year**

**For Registration or Additional Information write to:**

John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

154

RT-9

272 THE ROLE OF THE FAMILY IN THE REHABILITATION OF THE PATIENT

Instructor: Irene G. Tamagna, M.D.

For: House Staff, Medical Students, Attending Physicians, Physical Therapists, Occupational Therapists, Social Workers, Nurses, Patients, Family Members and Patients

Description and Objectives:

1. To acquaint and involve the patient's family in the rehabilitation process.
2. To help the staff recognize problems and concern of the patient as well as those of the family.

These family conferences are held once a week for one hour. The first part consists in a presentation of the admitting intern, in consultation with the Resident and the patient's private physician, of the history of a patient before the medical and the paramedical members of the Rehabilitation Team. A discussion period follows during which the members of the staff contribute information which would indicate the ability or the inability of the patient's family to support a treatment plan; the progress he is making; and tentative plans after he is discharged from the hospital.

The second part of the conference includes the members of the patient's family and they are given an opportunity to express their problems and concerns, and to discuss their own plans. They are informed about all the aspects of the treatment program and their role in its implementation. A summary of the conference is included in the patient's chart. A second family conference is held, if indicated, before the patient is discharged.

The family conference exposes the medical students, the house staff and the other members of the Rehabilitation Team to actual interviews with family members of a patient, and gives them the training in the management and evaluation of this particular factor in the planning and the implementation of a treatment plan for the rehabilitation patient.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day 1 day/week; dates to be set

For Registration or Additional Information write to:

Irene G. Tamagna, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

273 SPEECH HABILITATION FOR STUTTERERS

Instructors: James W. Hillis, Ph.D. and Staff

For: Speech Pathology and Audiology Students, Graduate and Undergraduate; Vocational Rehabilitation Personnel

Description and Objectives:

To provide supervised clinical experience for graduate and undergraduate students in Speech Pathology and Audiology,

and for Vocational Rehabilitation personnel as needed.

The training program consists of lectures and discussions on the various aspects of stuttering, including the rationale of treatment, and the actual management of a stutterer. The latter involves rate modification and behavior therapy.

The trainees are exposed to the entire process of managing a case of stuttering, with actual demonstrations of techniques for diagnosis and therapy.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 21 days; Fall Semester to Summer Semester

For Registration or Additional Information write to:

James Hillis, Ph.D.  
Speech & Hearing Clinic  
The George Washington University  
Washington, D.C. 20037

274 SPEECH AND HEARING TRAINING PROGRAM  
FOR REHABILITATION COUNSELORS

Instructors: James Hillis, Ph.D. and Staff

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide Vocational Rehabilitation Counselors serving clients with speech and hearing problems information to help them manage these clients more efficiently and effectively.

The facilities of the Speech and Hearing Clinic of The George Washington University as well as the Rehabilitation Ward of the GWU Hospital are available to the trainees.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 3 days; dates to be set

For Registration or Additional Information write to:

James W. Hillis, Ph.D.  
Speech and Hearing Clinic  
The George Washington University  
Washington, D.C. 20037

275 NEW EMPLOYMENT OPPORTUNITIES FOR HOME-  
BOUND PATIENTS

Instructors: Irene Tamagna, M.D.; Thomas Shworles, M.A.;  
Kalisankar Mallik

For: Vocational Rehabilitation Counselors, Occupational  
Therapists, Occupational Therapy Aides, and Occupa-  
tional Therapy Students

Description and Objectives:

To provide Vocational Rehabilitation Counselors, Occupational Therapists, aides and students information about employment possibilities for the severely disabled homebound patient utilizing modern business equipment.

Participants are acquainted with the aims and scope of the Homebound Employment Project (HEP) and made aware of new possibilities for employing the severely disabled homebound patients as a computer programmer, microfilmer, bookkeeper or data input operator.

Among other things, project staff demonstrate the various business machines used in Project HEP, and how they have been adapted so the severely disabled can operate them. A quadriplegic patient demonstrates the application of some of these adaptive devices on one piece of equipment.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 1 day; October 1972 to October 1973 (scheduled as required)

For Registration or Additional Information write to:

John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

276 TRAINING PROGRAM FOR JUNIOR PHYSICAL THERAPY STUDENTS

Instructors: Joseph Ardizzone, R.P.T. and Staff

For: Junior Physical Therapy Students of Maryland University and other Schools of Physical Therapy

Description and Objectives:

A curriculum requirement for Junior Physical Therapy Students of Maryland University School of Physical Therapy.

Training program is for one day a week for two weeks which is part of the curriculum in Physical Therapy at the Maryland University. Clinical training for the 1973 Junior class will begin in April 1973. The schedule at The George Washington University will involve observing and assisting therapists in the clinic and wards in the treatment and evaluation of patients with disabilities resulting from diseases and injury of the neuromuscular and musculoskeletal systems. Demonstrations of techniques and procedures will be given, followed by discussion periods.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 14 days; Spring 1973

For Registration or Additional Information write to:

Joseph Ardizzone, R.P.T.  
Physical Therapy  
George Washington University Hospital  
Washington, D.C. 20037

277 PHYSICAL THERAPY IN THE MANAGEMENT OF THE REHABILITATION PATIENT

Instructor: Joseph Ardizzone, R.P.T. and Staff

RT-9

157

For: Nurses, Nursing Students, Nurses Aides, Physical Therapy Aides, Speech Pathologists and Audiologists

**Description and Objectives:**

To acquaint non-medical members of the Rehabilitation Team with the philosophy, techniques and procedures used by physical therapists in the rehabilitation of patients.

This is an ongoing training activity which is available to personnel listed above who are involved in the total rehabilitation process. Training consists of lectures on the various types of physical disabilities requiring treatment and how evaluations are done by the physical therapists to achieve total rehabilitation. Demonstrations of physical therapy techniques and procedures are shown. Trainees receive instruction in the actual handling of patients and in the utilization of equipment and facilities found in the Physical Therapy Unit of a hospital.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 7 days; continuous program

For Registration or Additional Information write to:

John Naughton, M.D.  
The George Washington University Clinic  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

**278 LANGUAGE REHABILITATION OF STROKE PATIENTS**

Instructors: James Hillis, Ph.D.; Linda Brissman, M.A.

For: Students of Speech Pathology and Audiology; Speech Pathologists and Audiologists trainees

**Description and Objectives:**

To provide supervised clinical experience for students of Speech Pathology and Audiology, and for Speech Pathologists and Audiologists.

This training program seeks to increase the availability of speech and language clinicians with training so that the rehabilitation of stroke patients can be planned more efficiently and more effectively. The trainees work with the stroke patients who are admitted into the rehabilitation ward, and the time interval between the speech impairment and the beginning of speech therapy is reduced to the shortest possible time.

The training includes demonstration of diagnostic procedures as well as actual therapy of patients with communications disorders. At the same time, the trainees are indoctrinated into the team approach in rehabilitation where the Speech Therapist plays as important a role as do the other members from various disciplines involved in the rehabilitation process.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day 3 days per week; Fall Semester to Summer Semester

For Registration or Additional Information write to:  
 James W. Hillis, Ph.D.  
 Speech & Hearing Clinic  
 The George Washington University  
 Washington, D.C. 20037

279            SPEECH REHABILITATION OF LARYNGECTO-  
 MIZED PATIENTS

Instructors: James Hillis, Ph.D.; Linda Brissman, M.A.

For:            Students of Speech Pathology and Audiology; Speech  
 Pathologists and Audiologists Trainees

Description and Objectives:

To provide supervised clinical experience for students of Speech Pathology and Audiology and for Speech Pathologists and Audiologists.

This training program seeks to increase the availability of speech and language clinicians with training so that the rehabilitation of laryngectomized patients can be planned more efficiently and more effectively. The trainees work with laryngectomized patients who are admitted into the Hospital, and the time interval between the speech impairment and the beginning of speech therapy is reduced to the shortest possible time.

The training includes demonstrations of diagnostic procedures as well as actual therapy of patients with communications disorders. At the same time, the trainees are indoctrinated into the team approach in rehabilitation where the Speech Therapist plays as important a role as do the other members from various disciplines involved in the rehabilitation process.

Maximum Enrollment: 70; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day 3 days a week; Fall Semester to Summer Semester

For Registration or Additional Information write to:  
 James W. Hillis, Ph.D.  
 Speech & Hearing Clinic  
 The George Washington University  
 Washington, D.C. 20037

280            AMPUTEE CLINIC

Instructors: Wm. Fortune, M.D.; Joseph L. Ardizzone, R.P.T.

For:            Graduate and Undergraduate Medical Students, Physical Therapists, Prosthetists, Amputees, Rehabilitation Counselors

Description and Objectives:

To train medical and other health-related professionals in the evaluation, prescription and management of amputees.

The Amputee Clinic meets for one 2-hour session every week. It combines training and research together with maximum service to the patients who are referred. Its scope



includes analysis of the biomechanics of prostheses and gait; indications for surgery; rationale for selection of particular amputation levels; post-operative management; fitting and alignment of prostheses; evaluation and follow-up of post-surgical period including early prosthetic fitting; and the use of various modalities and techniques for early mobilization and independence.

The sessions consist of a presentation of patient's history by a resident together with a discussion of the medical aspects of the amputation. The Physical Therapist in charge of the patient follows with a description of the specific findings as regards range of motion, manual muscle testing and gait analysis. The participating prosthetist measures the amputee for prosthesis and/or fits, adjusts, readjusts, or trains the amputee in its uses during clinic hours. Residents in Orthopedics participate actively in the discussions and demonstrations of the Amputee Clinic.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 2 hours per day 1 day each week; all year

For Registration or Additional Information write to:

William Fortune, M.D.  
Department of Orthopedics  
The George Washington University  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

**281 REHABILITATION AND MEDICAL INFORMATION FOR FOSTER AND ADOPTIVE PARENTS**

Instructors: John Naughton, M.D.; William Tompkins, M.D.; other RT-9 Staff; Guest Lecturers

For: Prospective Foster and Adoptive Parents

**Description and Objectives:**

This course is specially designed to give prospective foster and adoptive parents greater insight and understanding on how to promote the health, development and well-being of their foster and adopted children, particularly those who may be disabled. Psychological aspects and the emotional overlays of illness and disabilities are discussed along with the physical manifestations. Community resources and how to secure the greatest benefit from these resources are also discussed.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day 1 day each week; September 1972 to September 1973

For Registration or Additional Information write to:

John Naughton, M.D.  
The George Washington University Medical Center  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

160

RT-9

282 SEMINARS FOR MEDICAL CONSULTANTS OF  
VOCATIONAL REHABILITATION AGENCIES

Instructors: John Naughton, M.D. and Staff of The George  
Washington University Medical Center and Rehabilitation  
Center

For: Medical Consultants of State Vocational Rehabilitation  
Agencies

Description and Objectives:

1. To acquaint the Medical Consultants of the State Vocational Rehabilitation Agencies with the latest advances in Rehabilitation Medicine.
2. To provide an opportunity for the Medical Consultants to exchange views on their roles in the expanding state rehabilitation programs.

These seminars will be held in December 1972 and February 1973. They will consist of a didactic portion in which staff will give lectures on the problems most commonly encountered by Vocational Counselors. The lectures will be followed by case presentations which the Medical Consultants will discuss in the light of the lecture just given. It is hoped that this format will make the seminars more effective because it will be combining theory with actual clinical cases. Audiovisual aids will be utilized as needed.

Another part of the seminar will consist of presentations by representatives of the Medical Consultants of Region III on the role of Medical Consultants in a modern Vocational Rehabilitation Agency. This will be followed by a discussion period in order to enable the participants to have a free exchange of ideas.

Planning of the seminars includes conferences with some of these Medical Consultants to establish seminars most relevant to their needs. It will also include a request for specific commitments as to the number of participants from each agency.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day 2 days each seminar; dates to be set

For Registration or Additional Information write to:

John Naughton, M.D.  
The George Washington University Medical Center  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

283 RESIDENCY TRAINING IN PHYSICAL MEDICINE  
AND REHABILITATION

Instructors: Mahmoud Mourad, M.D.; Wu Shung Chiu, M.D.; Staff

For: Residents in Physical Medicine and Rehabilitation

Description and Objectives:

This program is designed to prepare Residents for specialization in Physical Medicine and Rehabilitation. Their training includes involvement in the practices of the basic sciences, the challenge

of clinical medicine and surgery and their subsidiary branches and subspecialties which include physiatry. Education, training and research remain guidelines as well as objectives in achieving such a long-term program. Each of the three years encompass and cover these basic aspects.

The first year program includes experience in anatomy, physiology, kinesiology, pathology, physics, bioengineering, electrodiagnosis, speech and hearing as well as social, vocational and rehabilitation counseling. Training is performed with the assistance of the Medical Staff in the hospital and the health-related professionals in the fields of Physical, Occupational and Speech Therapies, nursing, orthotic, prosthetic, social and vocational services. Initial evaluation of rehabilitation includes active participation in case presentations in conferences and seminars; didactic activities for the interest of the medical and health-related staff; periodic attendance at regional and national courses and conventions; responsibility for inpatient and outpatient care; supervision of the first-year resident who discusses the cases initially evaluated by him; and additional time allotted to electrodiagnosis and EMG. The third-year resident is a supervisor and preceptor to the first- and second-year residents, in turn acting as a supervised consultant in Rehabilitation Medicine. His duties encompass administrative activities as related to the Rehabilitation Ward and its coordination with the hospital at large. Research, a very important aspect in the Division's program, is performed without interruption through the full three years of the program. Supervision and follow-up by the individualized research project director continue to encourage and fulfill the tasks intended by the pilot studies and/or others in progress.

The residents also participate in programs in the affiliated hospitals. Six to nine months of the three year period are spent at Children's Hospital and at Walter Reed Hospital. All the rehabilitation facilities at the University and in the Metropolitan area are utilized for the betterment of the trainee including the Cardiopulmonary Exercise Laboratory, the Speech and Hearing Center, orthotic and prosthetic firms, sheltered workshops, prevocational and vocational training centers, Lighthouse for the Blind, institutions for the mentally retarded and severely handicapped, some nursing homes, as well as intermediate homes for alcoholics and drug abusers. Visits and, whenever possible, active clinical participation involve the under-privileged areas supervised by the Community Health Program of The George Washington University Medical Center.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 5 days; July 1, 1972 to June 30, 1973

For Registration or Additional Information write to:

Mahmoud Mourad, M.D.  
Director, Physical Medicine  
The George Washington University Hospital  
901 23rd Street, N.W.  
Washington, D.C. 20037

162

RT-9

284 SUMMER TRAINING PROGRAM FOR MEDICAL STUDENTS

Instructors: Mahmoud Mourad, M.D.; Wu Shung Chiu, M.D.; Staff

For: Post-Sophomore Medical Students

Description and Objectives:

The program is intended to orient medical students to the methods used in evaluation and management of the physically disabled and/or handicapped. Three hospitals are involved in the training experience: George Washington University, Children's and Walter Reed. The activities at George Washington University Hospital under the supervision and tutorship of the staff include ward rounds of the patients undergoing rehabilitation as well as participation in the outpatient clinic emphasizing electrodiagnosis, electromyography, and psychiatric evaluation. The facilities are utilized to acquaint the students with the techniques used in physical, occupational and speech therapies as well as the protocol used by the social worker and vocational counselor in securing total care for the patients. Each student spends two weeks each in the affiliated hospitals. Allotted time is schedule for field visits to the rehabilitation facilities in the Washington Metropolitan Area. Each student is encouraged to choose a clinical subject for presentation, in narrative form, at the end of his training.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 5 days; June 1, 1972 to August 30, 1972

For Registration or Additional Information write to:

Mahmoud Mourad, M.D.  
Director, Physical Medicine  
The George Washington University Hospital  
901 23rd Street, N.W.  
Washington, D.C. 20037

285 SUMMER WORK & TRAINING PROGRAM FOR DISADVANTAGED AND DISABLED YOUTH IN REHABILITATION AND OTHER HEALTH SETTINGS

Instructors: Janice Hightower; Joseph LaRocca; Staff of Participating Hospitals

For: Young Adults (16 to 22 years) referred by State Vocational Rehabilitation Agencies and Welfare Departments

Description and Objectives:

To provide gainful work and training in rehabilitation and other health field careers for young adults referred by State Vocational Rehabilitation Agencies and Welfare Departments in the greater Washington, D.C. area.

This is a ten-week work-training program whereby the participants are placed in jobs compatible with their interests and abilities. These include physical therapy and occupational therapy aides; speech and hearing aides; research laboratory

assistants; medical illustrators; nurses' aides; animal caretakers; social worker aides; audiovisual assistants; medical secretaries; medical records assistants; X-ray technicians' aides; inhalation therapy aides; play therapists for hospitalized children; housekeeping, food services, dietary and hospital accounting assistants.

The participants work 40 hours per week at the minimum legal wage. Participating organizations are The George Washington University Medical Center, Children's Hospital and the Columbia Hospital for Women.

In addition to individual supervision, group sessions are held for general orientation to the health field; discussion of career opportunities; training required; scholarships and other assistance, etc.

Maximum Enrollment: 75; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 50 days; July 1973 to September 1973

For Registration or Additional Information write to:

Joseph LaRocca  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

## 286 BEHAVIORAL THERAPY FOR OBESE FEMALES

Instructors: John Naughton, M.D.; Mary Ellen Caplin; Marilyn Gammarino

For: Obese Patients, Medical Staff and Rehabilitation Staff

### Description and Objectives:

This is a training program for patients who are obese and members of the staff involved in their rehabilitation. It is a two-year program in weight control offered to obese women living in the Washington area. The study is designed to: (1) define the behavioral determinants of obesity; (2) define the approach required for successful intervention and treatment of obese subjects; and (3) define the characteristics of a therapist capable of administering such a treatment.

The participating patients and staff meet once a week for 2 hours. The session includes a luncheon which has been prepared according to caloric specifications, and an unstructured group therapy for the benefit of the patients. At the onset of the program, several psychological tests were administered. These tests will be re-administered to measure the effects of the approach.

The therapy sessions focus on behavior modification as a means of dealing with the obese patient. The objectives of this type of approach are to build up a greater awareness of suitable eating habits, to modify behavior patterns in relation to eating, and to deal with psychological factors influencing eating behavior. The program is intended to train the rehabilitation staff in the management and handling of the obese patient by observation of, as well as interaction with, the obese patient.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

164

RT-9

Schedule: Long-term; 2 hours per day 1 day each week; September 1972 to August 1973

For Registration or Additional Information write to:

John Naughton, M.D.  
2150 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

287 TRAINING PROGRAM FOR PHYSICAL THERAPY STUDENTS

Instructors: Joseph Ardizzone, R.P.T. and Staff

For: Physical Therapy Students of Maryland University and other Schools of Physical Therapy

Description and Objectives:

A curriculum requirement for Senior Physical Therapy Students of Maryland University School of Physical Therapy.

Training program is a four-week course which is a part of the curriculum in Physical Therapy at the Maryland University. Clinical training for the 1973 graduate will begin on January 2, 1973. The schedule at The George Washington University includes a rotation at the Special Care Unit of the Hospital for one week, attendance at weekly Amputee Clinic. The remainder of the program will involve the students in the schedules of the physical therapy staff for conferences, ward rounds and patient treatment. A meeting with the Clinical Supervisors will be held every morning from 8-9 a.m.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 28 days; 1973

For Registration or Additional Information write to:

Joseph Ardizzone, R.P.T.  
Physical Therapy  
George Washington University Hospital  
Washington, D.C. 20037

105

## RT-10

## University of Colorado

## 288 RESEARCH IN PHYSICAL MEDICINE &amp; REHABILITATION

Instructor: Dr. Jerome Gersten

For: Medical and Graduate Students

## Description and Objectives:

Research—participation in or initiation of a project in one of the following areas:

Psychophysiologic studies of complex visual task performance

Neuromuscular physiology and disability

Psychological aspects of disability

Work physiology

Stress and effects on performance

Cerebral circulation and effect on CNS function

Maximum Enrollment: 1; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Long-term; Fall quarter

For Registration or Additional Information write to:

J.W. Gersten, M.D.

Department of Physical Medicine &amp; Rehabilitation

University of Colorado Medical Center

4200 E. 9th Avenue

Denver, Colorado 80220

## 289 CLINICAL PHYSICAL MEDICINE AND REHABILITATION

Instructor: Dr. Jerome Gersten &amp; Staff

For: Junior and Senior Medical Students

## Description and Objectives:

Evaluation and management, including electromyography, nerve conduction velocity, bracing and amputee clinics, Cardiac Work Evaluation Unit, supervision of emphysema patients, and participation in management of birth defects.

Maximum Enrollment: 2; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Long-term; Fall quarter

For Registration or Additional Information write to:

J.W. Gersten, M.D.

Department of Physical Medicine &amp; Rehabilitation

University of Colorado Medical Center

4200 E. 9th Avenue

Denver, Colorado 80220

166

RT-10

290 PRINCIPLES OF BIOMECHANICS, BRACING AND PROSTHETICS

Instructor: Frank Cenkovich, M.D.

For: Medical Students

Description and Objectives:

Musculo-skeletal system as mechanical structure. Prevention of trauma. Management of amputee discussed. Utilization of braces or splints for patients with stroke, nerve injury, arthritis, or c.n.s. disease demonstrated.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 1 day; March to June

For Registration or Additional Information write to:

Frank Cenkovich, M.D.  
Department of Physical Medicine and Rehabilitation  
University of Colorado Medical Center  
4200 E. 9th Avenue  
Denver, Colorado 80220

291 ELECTRODIAGNOSIS

Instructor: Frank Cenkovich, M.D.

For: Medical Students

Description and Objectives:

Principles of instrumentation, electromyography, motor and sensory nerve conduction velocity, repetitive stimulation, averaging, frequency analysis and evoked potentials. Discussion, demonstration and patient presentation.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 1 day; January to March

For Registration or Additional Information write to:

Frank Cenkovich, M.D.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 E. 9th Avenue  
Denver, Colorado 80220

292 MASTER OF SCIENCE IN PHYSICAL THERAPY

Instructor: James R. Clinkingbeard, M.S.

For: Graduate Students

Description and Objectives:

This program is designed to provide an individual the opportunity to gain added knowledge and experience in Physical Therapy and related disciplines. The knowledge and experience gained will in turn be transmitted on to students in



RT-10

167

undergraduate Physical Therapy programs and/or to already practicing physical therapists. The ultimate benefits to be derived from this program are more effective physical care and physical restoration of sick and handicapped patients.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; approximately 2 years

For Registration or Additional Information write to:

James R. Clinkingbeard, M.S.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 E. 9th Avenue  
Denver, Colorado 80220

293 PROGRAMMING OF SMALL COMPUTERS

Instructor: D.E. Dick, Ph.D.

For: Students and Faculty in Medical School

Description and Objectives:

Instruction in the use of a NOVA computer for on-line medical data gathering and analysis. The emphasis is on writing computer program in assembly language in order to optimize the use of the computer.

Maximum Enrollment: 25-30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 2 hours per day for 8 days; dates vary

For Registration or Additional Information write to:

Donald E. Dick, Ph.D.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

294 SYSTEMS APPROACH TO INSTRUMENTATION

Instructor: D.E. Dick, Ph.D.

For: Graduate Students in the Medical School and Faculty

Description and Objectives:

Phys. Med. 610-3: The art of choosing and interconnecting commercial instruments to obtain and record medical data. Detailed circuit analysis is neglected in favor of understanding the different options available in standard instruments. The course starts with an explanation of standard terminology and concepts such as single-ended vs. double-ended amplifiers, FM vs. AM tape recording, ground loops and impedance matching. Then some typical systems such as ultrasonic applications, telemetry, pressure measurement and closed circuit television are discussed. The final portion of the course covers the problems of special applications such as intensive care units, nuclear medicine instrumentation and neurological instrumenta-

168

RT-10

tion. Students are expected to devise and defend the complete instrumentation of a physiological system of interest.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day for 2 days; September to December

For Registration or Additional Information write to:

Donald E. Dick, Ph.D.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

295 ENGINEERING INTRODUCTION TO CLINICAL MEDICINE

Instructors: Dr. Donald E. Dick and various physicians at Colorado General Hospital

For: Advanced Engineering Graduate Students

Description and Objectives:

The course is taught with small groups of students observing various physicians in their normal medical practice. Thus it is similar to the normal procedure followed with beginning medical students. To compensate for the lack of medical background, the students are required to spend time reading about the physiology associated with the cases they have seen. The objective is to introduce engineering graduate students to the realities of clinical medicine. In this way, it is hoped that their research may be directed toward the solution of practical problems which are of interest to physicians. Thus bioengineering should prove more valuable in the rehabilitation process.

Maximum Enrollment: 3; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 4 hours per day for 20 days; June to August

For Registration or Additional Information write to:

Donald Dick, Ph.D.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

296 INTRODUCTION TO THE SOCIOLOGY OF MEDICINE

Instructor: Norman Hilmar, Ph.D.

For: Graduate Students

Description and Objectives:

A review of the social and cultural aspects of health and illness. The sociological dimensions of the physician and patient roles. The hospital as a social organization. Provision of health services. Prerequisite: Permission of the instructor.

RT-10

169

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day for 1 day (every other Friday); Spring quarter

For Registration or Additional Information write to:

Norman Hilman, Ph.D.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

297 VOICE AND DICTION

Instructor: Margaret Lemme, M.A.

For: Undergraduate Students of Speech and Audiology

Description and Objectives:

SPA 200—Elementary course for improvement of speaking voice. Group and individual laboratory. Basic introduction to anatomy and physiology of speech mechanism and general phonetics.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 3 days; Fall and Spring

For Registration or Additional Information write to:

Margaret Lemme, M.A.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

298 DISORDERS OF SPEECH II

Instructor: Margaret Lemme, M.A.

For: Undergraduate Students of Speech and Audiology

Description and Objectives:

SPA 471—Survey of cerebral palsy, cleft palate, and aphasia.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 4 days; March to June

For Registration or Additional Information write to:

Margaret Lemme, M.A.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

299 DISORDERS OF SPEECH I

Instructor: Margaret Lemme, M.A.

170

170

RT-10

For: Undergraduate Students of Speech and Audiology

Description and Objectives:

SPA 470—Survey of delayed speech, articulation, voice, and stuttering.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 4 days; September to December

For Registration or Additional Information write to:

Margaret Lemme, M.A.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

300 PREDOCTORAL INTERNSHIP IN COUNSELING  
PSYCHOLOGY

Instructor: James W. McDaniel, Ph.D.

For: Doctoral Candidates in Counseling Psychology

Description and Objectives:

Applicants may elect to begin the internship at any time during the calendar year for a twelve-month period. Applicants must be candidates for the Doctor of Philosophy in Counseling Psychology and preference is given those from training programs approved by the Education and Training Board of the American Psychological Association.

Individual supervision is provided in a specialized program for trainees planning a career in patient care and clinical research in multidisciplinary rehabilitation setting. The intern's involvement is to be divided equally between intensive clinical assignment and clinical research in a problem area to be arranged with his supervisor. Opportunities for additional training are also provided during the internship, and trainees are expected to participate in seminars and elective courses of the Department of Physical Medicine and Rehabilitation, the Division of Clinical Psychology, and occasionally in other departments of the School of Medicine.

Applicants must be registered at own university and recommended by faculty advisor. Interview required.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 5 days; dates open (12 months)

For Registration or Additional Information write to:

James W. McDaniel, Ph.D.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

174

RT-10

171

**301 INTERNSHIP IN REHABILITATION COUNSELING**

Instructors: James W. McDaniel, Ph.D.; Judith Hruda, M.A.

For: Master's Degree Candidates in Rehabilitation Counseling

**Description and Objectives:**

Supervised Clinical Practice is a planned educational experience which provides the trainees with an opportunity to supplement and apply the skills and knowledge developed in the academic setting. It is a practice and probationary period of continuous participation in the organization where rehabilitation activities are an integral part of the program. It is a method of training which involves learning by observing and doing under the guidance and directions of qualified rehabilitation specialists.

Objectives of a Supervised Clinical Practice Program.

Many objectives are attainable in any well-organized clinical practice program. These objectives are important, not only for the student, but for the University and the Rehabilitation Center as well.

One of the chief objectives of our supervised clinical practice provide for a "practical application of training experience." Such a program brings together in a realistic setting, the diverse kinds of client behavior—and problems—with which a rehabilitation counselor is concerned; it assists the student to acquire proficiency and to gain confidence by applying his theoretical knowledge and integrating his segmented skills—all under the supervision of an experienced and qualified rehabilitation counselor; it helps the student evaluate and test philosophies and attitudes within the context in which they must ultimately be made effective, at the same time providing the student with a means of assessing his strengths and weaknesses in relation to graduate work and his chosen area of work.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 5 days; dates open (1 semester or 2 quarters)

For Registration or Additional Information write to:

James W. McDaniel, Ph.D.  
Department of Physical Medicine and Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

**302 PHYSIOLOGY OF SKELETAL MUSCLE AND BONE**

Instructors: Alan Sexton, Ph.D.; Jerome Gersten, M.D.; and James Miles, M.D.

For: Graduate Medical Students and Faculty

**Description and Objectives:**

Cellular contractile mechanisms, functional and exercise aspects of muscle contraction and relationships of muscle and bone.

172

RT-10

Jointly with Departments of Physical Medicine and Rehabilitation and Orthopedics. Lectures and demonstrations.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 1 day; September to December

For Registration or Additional Information write to:

Alan Sexton, Ph.D.  
Department of Physical Medicine & Rehabilitation  
University of Colorado Medical Center  
4200 East Ninth Avenue  
Denver, Colorado 80220

## RT-11

University of Wisconsin

303 REHABILITATION OF THE RETARDED IN RURAL  
AREAS (SHORT-TERM)

Instructor: Dr. Patrick J. Flanigan

For: VRA District Supervisors and Rehabilitation Counselors

## Description and Objectives:

An institute focusing on the development of techniques, devices and resources which can be used to rehabilitate the retarded living in rural areas.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; December 4, 1972 to December 8, 1972

## For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

## 304 MEDICAL DIAGNOSIS IN REHABILITATION

Instructor: Dr. Patrick J. Flanigan

For: Medical Personnel (DVR medical consultants, institutional physicians, community practitioners)

## Description and Objectives:

A seminar on the physician's role in the diagnostic procedures in rehabilitation with particular emphasis on consultation to rehabilitation personnel in state programs.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 3 days; January 22, 1973 to January 24, 1973

## For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

174

RT-11

305 REHABILITATION PROGRAMMING FOR THE  
MODERATELY, SEVERELY AND PROFOUNDLY  
RETARDED

Instructor: Dr. Patrick J. Flanigan

For: Social Agency and Institutional Personnel

Description and Objectives:

An institute focusing on the preparation of the moderately, severely and profoundly retarded for client processing, i.e., recreation programs, rehabilitation facilities, etc. The institute will feature the development of diagnostic remediation training programs for utilization in modification of adaptive behavior skills.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; February 19, 1973 to February 23, 1973

For Registration or Additional Information write to:  
Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

306 RELEVANCE OF THE SOCIAL ENVIRONMENT IN  
THE REHABILITATION OF THE MENTALLY  
RETARDED

Instructor: Dr. Patrick J. Flanigan

For: Professionals of all disciplines who spend a major portion of their time working in economically and/or socially disadvantaged communities

Description and Objectives:

A seminar on the impact of the social environment on the rehabilitation of the retarded. The focus will be on the behavioral characteristics of retarded youth and adults as they relate to vocational training and programming.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; March 19, 1973 to March 23, 1973

For Registration or Additional Information write to:  
Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703



RT-11

175

307 VOCATIONAL ADJUSTMENT OF THE MENTALLY  
RETARDED THROUGH THE USE OF SHELTERED  
WORK

Instructors: Dr. Patrick J. Flanigan; Dr. Paul Lustig

For: Professionals involved in placement, evaluation, etc., in  
rehabilitation facilities settings

Description and Objectives:

A seminar concerned with the vocational aspects of work  
adjustment training for the mentally retarded.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Prefer-  
ence to rehabilitation personnel; 2. Requests for attendance by  
professional individuals not residing in the regions served by the  
Center will be accepted if fiscal costs can be assumed by the  
individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; April 16, 1973 to  
April 20, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

308 ORIENTATION TO MENTAL RETARDATION FOR  
NEWLY APPOINTED REHABILITATION  
COUNSELORS

Instructor: Dr. Patrick J. Flanigan

For: Those appointed as Rehabilitation Counselors and at  
their positions as counselors for one year or less

Description and Objectives:

A general orientation course focusing on the biomedical,  
psychological, educational, sociological and rehabilitation as-  
pects of mental retardation.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Prefer-  
ence to rehabilitation personnel; 2. Requests for attendance by  
professional individuals not residing in the regions served by the  
Center will be accepted if fiscal costs can be assumed by the  
individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; May 14, 1973 to  
May 18, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

309 INTRODUCTION TO MENTAL RETARDATION

Instructor: Dr. Patrick J. Flanigan

100

176

RT-11

For: General (professionals involved in some aspect of working with the retarded)

Description and Objectives:

A general orientation course focusing on the biomedical, psychological, educational, sociological and rehabilitation aspects of mental retardation.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Available

Schedule: Short-term; 6 hours per day for 20 days; June 11, 1973 to July 6, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

310 COUNSELING TECHNIQUES WITH RETARDED ADOLESCENTS AND ADULTS

Instructors: Dr. Patrick J. Flanigan; Dr. Edward J. Pfeifer

For: Rehabilitation Counselors

Description and Objectives:

An institute which focuses on effective techniques of counseling retarded adolescents and adults. Special emphasis will be given to those theories of counseling most relevant to the mentally retarded and to the application of theory to the counseling situation.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Available

Schedule: Short-term; 6 hours per day for 20 days; July 9, 1973 to August 3, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

311 THE MODIFICATION OF BEHAVIORAL DEFICITS AS A REHABILITATION TOOL

Instructors: Dr. Patrick J. Flanigan; Dr. William I. Gardner

For: Professional personnel involved in direct evaluation and prescriptive programming

RT-11

177

**Description and Objectives:**

An introduction to the basic concepts of behavior modification with particular attention devoted to the practical aspects of evaluation results. Clinical experiences will include: behavioral evaluation, development of program prescriptions, and evaluation of a variety of methods of application.

**Maximum Enrollment:** 15; **Outside Applicants Accepted** (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); **Academic Credit Available**

**Schedule:** Short-term; 6 hours per day for 20 days; July 9, 1973 to August 3, 1973

**For Registration or Additional Information write to:**

Dr. Patrick J. Flanigan, Associate Director  
Research and Training Center in Mental Retardation  
415 West Gilman Street  
Madison, Wisconsin 53703

## RT-13

University of Arkansas

## 312 DYNAMICS OF THE HELPING RELATIONSHIP

Instructors: Bob L. Means, Ph.D. and Selected Research and Training Staff

For: Rehabilitation Support Personnel

## Description and Objectives:

The program is conducted on an integrated didactic-experiential basis. Pre-workshop reading is required. During the workshop the participants will respond to recorded client excerpts and be involved in role playing. The objective of the program is to increase the participants' functioning level on the following helping dimensions: Empathy, Respect, Genuineness and Concreteness.

Maximum Enrollment: 12; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2½ days; September 6, 1972 to September 8, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

## 313 AN INTRODUCTION TO PHYSICAL, INTELLECTUAL AND EMOTIONAL LIFE SKILL PERSONAL ADJUSTMENT PROGRAMS FOR REHABILITATION CLIENTS

Instructor: Thomas R. Collingwood, Ph.D.

For: Facility, Program Planning and Supervisory Personnel Within Region VI

## Description and Objectives:

Current research has demonstrated that physical (physical fitness training), intellectual (systematic goal setting training) and emotional (interpersonal communication skill training) personal adjustment programs have had a positive effect upon the psychological-social rehabilitation of clients.

The purpose of this training is to orient and familiarize trainees with the research results, concepts and techniques of implementing such "life skill" programs within existing personal adjustment services. The purpose of this program is not to prepare the supervisor to implement the program, but rather to give him enough information about the program to allow him to decide if the program has merit in his area of responsibility. If the supervisor chose to implement the program in his situation, he or a member of his staff would attend scheduled

180

RT-13

Research and Training programs which actually prepare the trainee to implement the program.

A didactic-experiential training approach using lectures, observation of ongoing programs, video tape and actual practice experience will be employed.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; September 11, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

314 REHABILITATION OF THE PUBLIC ASSISTANCE  
RECIPIENT

Instructors: Selected Research and Training Staff

For: Social and Rehabilitation Agency Administrators and  
In-Service Training Directors

Description and Objectives:

The program will address itself to the major administrative and organizational concerns for organizing and conducting an interagency service program for the public assistance recipient. Topics to be covered will include: selection of staff, implementing delivery systems, needed training and resources. A booklet entitled "Guidelines for Administrators and Supervisors Serving the Public Assistance Recipient" will be presented to each of the participants prior to the program. The program will be oriented around discussing the implications for practice contained in the booklet which are based on Research and Training's experience and research concerned with the rehabilitation of the public assistance recipient.

The objectives of the program are: to disseminate pertinent research and other information relative to planning and developing delivery systems to serve the public assistance recipient.

Maximum Enrollment: 35; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; September 14, 1972 to September 15, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

315 INTERPERSONAL SKILLS TRAINING FOR  
TRAINERS

Instructors: Thomas R. Collingwood, Ph.D. and selected Research  
and Training Center Staff

For: State Rehabilitation Agency Counselor Trainers

**Description and Objectives:**

Participants will be required to submit counseling tapes and respond to selected written client statements as part of selection criteria. Those selected for training will be required to familiarize themselves with selected reading relevant to the training. The initial part of the program will teach the participants to communicate and discriminate at high levels on the following counseling dimensions; empathy, respect, genuineness, concreteness, confrontation, immediacy, and self-disclosure. The latter part of the program will be concerned with instructing the participants in the use of training aids and conducting Interpersonal Skills Training Programs.

The objective of the program is to produce competent Interpersonal Skills trainers. Training is of a continuing nature with two training blocks over a six-month period. The initial training block is for three days (24 hours) followed by a five-day block (40 hours) at a later date. Between training blocks and following the final training period Research and Training will be available for consultation.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 8 days; September 20, 1972 to September 22, 1972 and December 4, 1972 to December 8, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

316 INTERPERSONAL SKILLS TRAINING FOR REHABILITATION SECRETARIES: AN INTRODUCTION AND DEMONSTRATION

Instructors: Vernon Glenn, Ed.D.; Bob L. Means, Ph.D.; Neal D. Little, Ed.D.

For: National Association of Rehabilitation Secretaries

**Description and Objectives:**

An overview of Interpersonal Skills will be given in terms of: research, introduction to the scales, and appropriateness for secretarial duties. High and low levels of Empathy and Respect will be demonstrated and their consequences discussed. A list of references will be distributed.

The objective is to introduce the participants to the appropriateness of Interpersonal Skills to secretarial duties and demonstrate their application.

Maximum Enrollment: 100; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 1 day; September 26, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

317 DYNAMICS OF THE THERAPEUTIC RELATIONSHIP

Instructors: Bob L. Means, Ph.D.; Thomas R. Collingwood, Ph.D.

For: Deaf Community Counseling and Referral Service Staff

Description and Objectives:

The program is conducted on an integrated didactic-experiential basis. Pre-workshop reading is required. During the workshop the participants will respond to recorded client excerpts and be involved in role playing.

The basic goal of the training is to increase trainees' ability to function more effectively within an in-depth counseling or psychotherapeutic relationship. The focus of the program is upon the communication of the core conditions of Empathy, Respect, Genuineness, Concreteness, Self-disclosure, Immediacy and Confrontation, with a thrust upon the use of these core conditions to develop courses of action, preferred modes of treatment, or personal adjustment programs for helpees.

Maximum Enrollment: 8; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; October 2, 1972 to October 3, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

318 A SYSTEMATIC APPROACH FOR DEVELOPING AND IMPLEMENTING INTERAGENCY (SOCIAL SERVICES/VOCATIONAL REHABILITATION) IN-SERVICE TRAINING PROGRAMS

Instructors: Selected Research and Training Staff

For: Social and Rehabilitation Training Personnel—Region VI

Description and Objectives:

The course combines the didactic and discussion methods in presenting training needs, training processes, and training resources for new or existing personnel delivering rehabilitation services to the public assistance recipient. A booklet entitled: "Guidelines: A Systematic Approach for Developing and Implementing Interagency (Social Services/Vocational Rehabilitation) In-service Training Programs" will be distributed prior to the program.

The purpose of the program is to assist trainers in organizing and delivering joint training designed to strengthen and improve rehabilitation services to the public assistance recipient.

RT-13

183

Maximum Enrollment: 24; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2½ days; October 4, 1972  
to October 6, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Ark. 71901

319 REHABILITATION OF THE SEVERELY DISABLED:  
IDENTIFICATION OF NONVOCATIONAL NEEDS  
AND RESOURCES

Instructor: Selected State Agency and Research Training Staff

For: Administrators and Supervisors

Description and Objectives:

The program will include a formal presentation, an informal discussion followed by a summary statement with implications for practice for each topic. Topic areas will include: The legislative charge, identification of nonvocational potential, treatment resources, coordination with other social and rehabilitative services, documentation and needed research and training.

The objective of the program is to facilitate the participants in setting the goals and procedures for serving the severely disabled with nonvocational objectives.

Maximum Enrollment: 30; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2½ days; October 11, 1972 to October 13, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

320 DEVELOPING PHYSICAL, INTELLECTUAL AND  
EMOTIONAL LIFE SKILL PERSONAL ADJUST-  
MENT PROGRAMS FOR REHABILITATION  
CLIENTS

Instructor: Thomas R. Collingwood, Ph.D.

For: Rehabilitation Personnel, especially those assigned to facilities

Description and Objectives:

The program presents a model personal adjustment program for rehabilitation clients. A didactic-experiential training approach using video-tapes and actual practical experience will be employed. The personal adjustment training is based on physical, intellectual and emotional systematic training for rehabilitation clients.

100



Current research has demonstrated that physical (physical fitness training), intellectual (systematic goal setting training) and emotional (interpersonal communication skill training) personal adjustment programs have had a positive effect upon the psychosocial rehabilitation of clients.

Pre-workshop reading will be required of participants. Post-workshop consultation will be available, if needed, during the period the trainees implement the personal adjustment programs at their home site. The purpose of this training program is to train trainees on the skills and techniques of implementing such life skill programs within existing personal adjustment services.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI rehabilitation personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 4 days; October 16, 1972 to October 19, 1972; January 15, 1973 to January 18, 1973; April 2, 1973 to April 5, 1973; July 9, 1973 to July 12, 1973

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

### 321 DAY OF REPORTING

Instructors: Arkansas Rehabilitation Research and Training Center  
Research Faculty

For: Rehabilitation Personnel

#### Description and Objectives:

The objectives of the Day of Reporting are to: (1) provide feedback from completed or ongoing research projects; (2) further facilitate understanding of research; (3) explain the potential usefulness of findings and the implication of research findings to field personnel (especially facility staff) in rehabilitation work; and (4) further facilitate communication and cooperation among research personnel and practitioners.

The training activity will be designed to focus around the research activities at the Hot Springs Rehabilitation Center. Presentations of a more informal nature will take place by research faculty of the Arkansas Rehabilitation Research and Training Center who have been involved in research at the Center. The presentations will focus upon the potential usefulness and implementing such research.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; October 20, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

RT-13

185

322 GROUP COUNSELING WITH THE DEAF

Instructors: Bob Means, Ph.D. and Selected Research and Training Staff

For: Deaf Community Counseling and Referral Service Staff

Description and Objectives:

The course involves pre- and post-workshop selected reading. During the workshop the following areas are covered: selection and size of group, objective of group, the leader's resources, a structured approach to initiating the group, and special techniques. During the workshop, participants will receive handouts and will view video tape of certain group activities.

The objectives are to provide participants with a basic practical understanding of the group process and to provide them with the skills necessary for the facilitation of the process. The program is nontheoretical, providing only the basic elements and techniques which result in therapeutic group movement.

Maximum Enrollment: 8; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; November 1, 1972 to November 3, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

323 INTERPERSONAL SKILLS FOR TRAINERS

Instructor: Thomas R. Collingwood, Ph.D.

For: Rehabilitation Counselor Educators

Description and Objectives:

The initial part of the program will teach the participants to communicate and discriminate at high levels on the following counseling dimensions: empathy, respect, genuineness, concreteness, confrontation, immediacy, and self-disclosure. The latter part of the program will be concerned with instructing the participants in the use of training aids and conducting Interpersonal Skills Training Programs. Participants will be required to submit counseling tapes and respond to selected written client statements as part of selection criteria. Those selected for training will be required to familiarize themselves with selected readings relevant to the training.

The objective of the program is to produce competent university-based Interpersonal Skills trainers. Training is of a continuing nature with two training blocks over a six-month period. The initial training block is for three days (24 hours) followed by a five-day block (40 hours) at a later date. Between training blocks and following the final training period Research and Training faculty will be available for consultation.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 8 days; October 25, 1972 to October 27, 1972 and January 22, 1973 to January 26, 1973

For Registration or Additional Information write to:  
 Bob L. Means, Ph.D., Director of Training  
 Arkansas Research and Training Center  
 Hot Springs Rehab. Center  
 Hot Springs, Arkansas 71901

324 ANNUAL ARKANSAS REHABILITATION RESEARCH AND TRAINING CENTER RESEARCH CONFERENCE

Instructors: Arkansas Rehabilitation Research and Training Center Faculty

For: Appropriate personnel from state rehabilitation agencies; e.g., research utilization specialists, agency research representatives, practitioners interested and/or involved in research activities, etc.; Research and Training Center Representatives; Rehabilitation counselor education program representatives and other interested and involved applicants

Description and Objectives:

The objectives of the Arkansas Rehabilitation Research and Training Annual Research Conference are: (1) to disseminate some of the major findings of research at the Center; (2) to encourage discussion of the implications and potential meaningfulness of the research findings; (3) to provide the opportunity for input from other centers, state agencies, universities, etc., in an effort to obtain an overall picture of ongoing rehabilitation research not yet reported in the literature; and (4) to attempt to facilitate more cooperative efforts among research generators. In addition, it is expected that the conference will emphasize the importance and practicality of rehabilitation research to field personnel.

The research conference will be designed in the following format:

1. There will be several (3-5) presentations based upon major, cohesive research efforts. These presentations will be invited speakers who are participating in major research endeavors in rehabilitation. Speakers will also include persons invited from agencies such as research utilization specialists who specialize in the dissemination and facilitation of the utilization of research.
2. Small group discussions will be focused upon (a) the major presentations and (b) the reports by group discussion leaders on other research. The small group leaders will be either people involved in the generation of research or in the emphasis upon research dissemination and utilization.
3. The small group discussions will be designed so that each group focused upon a different area of research; e.g., welfare research, deaf research, agency effectiveness research, etc.
4. There will be a brief summary of each group discussion by one of the group members.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

RT-13

187

Schedule: Short-term; 7 hours for 2 days and 4 hours for 1 day;  
November 8, 1972 to November 10, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

325 INTERPERSONAL SKILLS TRAINING FOR  
REHABILITATION SECRETARIES

Instructors: Selected Research and Training Staff

For: Thirty-six members of the National Rehabilitation  
Secretaries Association

Description and Objectives:

The program is a combination of: didactic, experiential, pre-  
and post-program readings and role playing. Emphasis will be  
placed on developing in the participants an ability to  
communicate at a facilitative level on Empathy, Respect and  
Genuineness.

The objective is to train the participants in more effective  
ways of relating to staff and clients.

Maximum Enrollment: 36; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; November 15,  
1972 to November 17, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

326 DYNAMICS OF THE HELPING RELATIONSHIP

Instructors: Bob L. Means; Ph.D.; Thomas R. Collingwood, Ph.D.

For: Rehabilitation counselors who are participating in the  
Uniformity and Differential Rehabilitation Practices in  
the State-Federal Rehabilitation Program study

Description and Objectives:

The program is conducted on an integrated didactic-experiential  
basis. Pre-workshop reading is required. During the workshop  
the participants will respond to recorded client excerpts and be  
involved in role playing.

The objective is to increase the participants' ability to  
communicate at high facilitative levels on the following  
counseling dimensions: empathy, respect, genuineness, concrete-  
ness, confrontation, self-disclosure, and immediacy.

This program is a joint effort of the training and research  
staff in which the effects of the training will be examined over  
a long period of time within the context of multiple client and  
counselor pre- and post-measures.

107

188

RT-13

Maximum Enrollment: 20; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; November 27,  
1972 to November 29, 1972

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

327 REGIONAL TRAINING WORKSHOP

Instructors: Bob Means, Ph.D. and selected Research and Training  
Staff

For: Supervisors of Staff Development, Regional Training  
Officer—Region VI

Description and Objectives:

The program will be a task-oriented group discussion including  
the following topics: communication structure, establishment of  
training priorities, explanation of new and expanded training  
programs, identification of projected regional training needs,  
and explanation of role and relationships of Research and  
Training Advisory Committee as it relates to training.

The objective of the program is to develop a more unified  
and cooperative training effort between Research and Training  
Center and Region VI State Agencies.

Maximum Enrollment: 8; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; December 1972 to  
April 1973

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

328 DEVELOPING A COMMUNITY COUNSELING AND  
REFERRAL SERVICE TO SERVE THE DEAF

Instructors: Selected Research and Training Staff and Consultants

For: Administrators and Supervisors

Description and Objectives:

The program is oriented toward preparing the participants to  
organize a community counseling and referral service for the  
deaf. A booklet entitled "Guidelines for Developing a  
Community Counseling and Referral Service for the Deaf" will  
be distributed prior to the program. The program will focus on  
discussing the implications for practice contained in the  
guidelines. The following topics will be covered: Selection of  
staff, organization of service, training of staff, community  
resources, referral resources, services needed, evaluation and

expanding vocational opportunities for the deaf.

The objective of the program is to examine the needs of the deaf in the community and to aid the administrator and supervisor in the initiation of a community counseling and referral service for the deaf.

Maximum Enrollment: 30; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; February 5, 1973 to February 6, 1973

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

329 THE ROLE AND SIGNIFICANCE OF INTERPERSONAL SKILLS AS IT RELATES TO REHABILITATION CLIENT OUTCOME

Instructors: Selected Research and Training Staff

For: Rehabilitation Administrators, Supervisors

Description and Objectives:

The program will concern itself with the role and significance of interpersonal skills in the rehabilitation process. Research will be reviewed in the following areas: Relationship of interpersonal skills functioning level and client outcome by disability group, and cost benefit analysis. Procedures for implementing interpersonal skills training will be presented and discussed.

The purpose of the program is to inform rehabilitation administrators and supervisors of the effects on client outcome of different levels of interpersonal skills functioning, and to describe procedures for implementing interpersonal skills training.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; February 26, 1973 to February 27, 1973

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

330 SUMMER EMPLOYMENT PROGRAM FOR ECONOMICALLY DISADVANTAGED AND DISABLED YOUTHS

Instructors: Bob L. Means, Ph.D. and selected Research and Training Staff

For: Disabled or disadvantaged high school youths who have good academic potential for attending college.

**Description and Objectives:**

Trainees will be assigned to assist researchers in gathering, cataloging, and maintaining data or to perform other tasks as they may relate to their job assignment. Each trainee will have wide exposure to many research problem areas and techniques. The specific job areas in which trainees may acquire experience include: checking and compiling statistics, rating or segmenting tapes, scoring and recording test data, IBM card punch and sorting, Center library work, keeping of time cards, maintenance of case files, typing, preparation of mail, operation of office machines, transcription of tapes and recording research data.

In addition to the orientation and on-the-job training, each trainee will be involved in a formal weekly training session for approximately two hours duration involving various aspects of careers related to the helping professions with emphasis on rehabilitation areas. These training sessions will be conducted by professional staff members of the Research and Training Center and/or the University teaching staff. Emphasis will be placed on specific occupations including entry requirements, educational requirements, experience and other factors essential for success in any given profession. Whenever possible, films, slides, tapes and other media will be employed. The specific purpose of this phase of the program is to give a broad general background of several vocational areas.

Objectives: To provide meaningful work experiences; enhance personal growth; create a desire to complete high school and pursue a college education; generate interest in a career in the rehabilitation or health-related professions.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 92 days; June 1, 1973 to August 31, 1973

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

331 STATE REHABILITATION AGENCY PROJECT REPORT

Instructors: Stanford Rubin, Ed.D.; Bill Richardson, Ed.D.; Jerold Bozarth, Ph.D.

For: State Agency Directors, Coordinators of the project in participating states, Counselors participating in the project, Counselors-Administrators-Rehabilitation Personnel in general

**Description and Objectives:**

This training activity is scheduled to be the verbal report of a major research project in state rehabilitation agencies sponsored by the Council of State Directors and conducted by the Arkansas Rehabilitation Research and Training Center. The objectives of the training activity are to: (1) summarize the major findings of the research project; (2) point out the implications of such findings; (3) encourage input and feedback

among research personnel and practitioners; (4) promote the concept of the usefulness of research for people in the field; and (5) obtain suggestions of the importance to practitioners in order to continue research activities in state rehabilitation agencies.

The training activity will be composed of speakers including the personnel working on the research project, and representatives from the Goals and Standards Committee of the Council of State Directors who initiated and sponsored the project.

Maximum Enrollment: 200; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours and 4 hours (1½ days); August 1, 1973 to August 2, 1973

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

### 332 FACILITATIVE MANAGEMENT IN REHABILITATION COUNSELING

Instructors: Jerold D. Bozarth, Ph.D.; Stanford Rubin, Ed.D.

For: Rehabilitation Counselors; Rehabilitation Supervisors; In-Service Training Directors

#### Description and Objectives:

The objectives of this training activity are: (1) to provide a functional model and practical approach to rehabilitation counselors related to their counseling role with clients; (2) to offer counselors, supervisors, and in-service training directors the opportunity to learn a model which incorporates many of the known psychological principles and approaches in the rehabilitation job role in a way which more adequately labels rehabilitation counseling performance; (3) to allow the participants to have the opportunity to review actual segments of tape recordings of rehabilitation counselors with their clients and compare the unique elements of the facilitative management model in the actual functioning; and (4) to provide the participants with an opportunity to review their own tapes with clients in terms of their functioning as facilitative managers and to improve their job role in that respect.

The training activity will include: (1) a description of the facilitative management model; (2) the facilitative management model will also be demonstrated via tape recorded sessions of counselors with their clients illustrating specific points in the facilitative management model; and (3) general discussion groups will analyze the tape examples and conceptual ideas of the model.

Maximum Enrollment: 20; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours (2 days per workshop); August 15, 1973 to August 16, 1973 and August 27, 1973 to August 28, 1973



192

RT-13

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**333 CONSULTATIVE SERVICES**

Instructors: Selected Research and Training Staff

For: Social and Rehabilitation Personnel--Region VI

**Description and Objectives:**

Research and Training will provide consultative services in the following areas: PA/VR Services and Training; Deaf Services and Training; Interpersonal Skills Training; Personal Adjustment Programs; Minority Participation; Rehabilitation Research; Group Counseling.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; further scheduling not applicable

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**334 DYNAMICS OF THE HELPING RELATIONSHIP**

Instructors: Roy C. Farley; A.J. Baker

For: Rehabilitation Personnel who have a significant amount of interaction with clients

**Description and Objectives:**

The program is conducted on an integrated didactic-experiential basis. Pre-workshop reading is required. During the workshop the participants will respond to recorded client excerpts and be involved in role playing. The objective of the program is to increase the participants' functioning level on the following helping dimensions: Empathy, Respect, Genuineness, Concreteness, Confrontation, Immediacy and Self-Disclosure.

Maximum Enrollment: 10 per workshop; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; 4 per month

For Registration or Additional Information write to:  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**335 ADVANCED PSYCHOSOCIAL COUNSELING WORKSHOP**

RT-13

193

**Instructors:** Thomas R. Collingwood, Ph.D.; Bob L. Means, Ph.D.;  
and selected Research and Training Personnel

**For:** Rehabilitation Personnel whose major job duties  
involve facilitating client change through an in-depth  
counseling process

**Description and Objectives:**

This program is designed for those persons who have developed basic counseling skills and are prepared to develop advanced skills in counseling. The following topics will be covered during the program: Functional elements of counseling theories and preferred modes of treatment. The program will involve formal presentations, video tapes, discussions and practicum experiences. Pre-workshop reading will be required of participants.

The objectives are to prepare rehabilitation personnel to work more effectively with rehabilitation clients presenting psychosocial problems and to train participants to the level of proficiency that they can assist and/or advise other rehabilitation workers with clients who present these problems.

**Maximum Enrollment:** 10 per workshop; Outside Applicants Accepted (priority given to Region VI rehabilitation personnel);  
Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day for 3 days; dates and number of workshops to be decided in consultation with regional office

**For Registration or Additional Information write to:**  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**336 AN APPROACH TO INTEGRATION OF SOCIAL  
AND REHABILITATIVE SERVICES**

**Instructors:** Selected Research and Training Staff

**For:** Social and Rehabilitative Services Personnel who will  
be involved in integration of services

**Description and Objectives:**

The primary objective of the program will be to familiarize Social and Rehabilitative Personnel with services available from agencies other than their own, and how to utilize their own service in coordination with other resources to realize the greatest client gain. Other objectives are to be decided by the Social and Rehabilitative Services Planning Committee.

Training methods and procedure are to be decided.

**Maximum Enrollment:** to be decided; Outside Applicants Accepted (priority will be given to Region VI rehabilitation personnel);  
Academic Credit Not Available

**Schedule:** Short-term; further scheduling to be decided

**For Registration or Additional Information write to:**  
Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

194

RT-13

337 INSTITUTE OF REHABILITATION STUDIES  
TRAINING

Instructors: Selected Research and Training Staff

For: Rehabilitation Personnel

Description and Objectives:

To be decided by Institute of Rehabilitation Studies prime study group. Training will be in the general area of rehabilitation of the deaf.

Maximum Enrollment: to be decided; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; further scheduling to be decided

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

338 GROUP COUNSELING IN REHABILITATION

Instructor: Bob L. Means, Ph.D.

For: Psychologists, Counselors and Evaluators who are preparing to work with rehabilitation clients in a group setting

Description and Objectives:

The course involves pre- and post-workshop selected reading. During the workshop the following areas are covered: Selection and size of group, objective of group, the leader's resources, a structured approach to initiating the group, and special techniques. During the workshop, participants will receive handouts and will view video tape of certain group activities.

The objectives are to provide participants with a basic practical understanding of the group process and to provide them with the skills necessary for the facilitation of the process. The program is nontheoretical, providing only the basic elements and techniques which result in therapeutic group movement.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; dates to be decided based on requests

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

339 GRADUATE ASSISTANTSHIPS WITH RESEARCH  
AND TRAINING CENTER

RT-13

195

Instructors: Selected Research and Training Staff

For: Graduate Students in social and rehabilitative preparatory programs

**Description and Objectives:**

This program is designed to provide students with experience in conducting rehabilitation research and to orient them to the various positions available in social and rehabilitative service agencies.

The objective is to increase manpower in social and rehabilitative service programs.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; to be arranged to fit student schedule

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**340 INCREASING MINORITY PARTICIPATION IN STATE AGENCIES**

Instructors: Vernon Glenn, Ed.D. and Selected Research and Training Staff

For: Vocational Rehabilitation Administrators, Supervisors, and Staff

**Description and Objectives:**

The training will serve to increase participants' awareness of his or her own feelings and assumptions toward minority group members and, hopefully, will cause each to examine his own level of commitment. It will serve as a method of communication for exchange of ideas between supervisors, administrators and staff and between minority and nonminority staff members. It will encourage commitment and change from within the agency rather than compliance to rules and regulations made outside the agency.

The objectives of the program are to sensitize the participants to minority problems and to facilitate each participant to develop a personal agenda for equitable practices.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours (2½ days); dates to be arranged

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**341 REHABILITATION COUNSELING INTERNSHIP WITH THE LOW-ACHIEVING DEAF CLIENT**

196

RT-13

Instructors: Bob L. Means, Ph.D. and selected Research and Training Staff

For: Master-level Rehabilitation Counselor Interns

**Description and Objectives:**

The internship is designed to provide the student an orientation and experience in providing comprehensive rehabilitation services.

The objective of the program is to prepare the student to serve as a counselor with the low-achieving deaf client.

Maximum Enrollment: 3; Outside Applicants Accepted (priority given Region VI personnel); Academic Credit Available

Schedule: Long-term; 8 hours per day for 90-180 days; continuous program

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**342 REHABILITATION COUNSELING INTERNSHIP WITH THE PUBLIC ASSISTANCE VOCATIONAL REHABILITATION CLIENT**

Instructors: Bob L. Means, Ph.D. and selected Research and Training Staff

For: Master-Level Rehabilitation Counselor Interns

**Description and Objectives:**

The internship is designed to provide the student an orientation and experience in providing comprehensive rehabilitation services.

The objective of the program is to prepare the student to serve as a counselor with the public assistance vocational rehabilitation client.

Maximum Enrollment: 3; Outside Applicants Accepted (priority given Region VI personnel); Academic Credit Available

Schedule: Long-term; 8 hours per day for 90-180 days; continuous program

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training  
Arkansas Research and Training Center  
Hot Springs Rehab. Center  
Hot Springs, Arkansas 71901

**343 DRUG EDUCATION**

Instructor: Richard Roessler, Ph.D.

For: Graduate and Undergraduate Students

Description and Objectives:

**RT-13**

**197**

This is a graduate course in the College of Education to be offered during the Fall and Spring Semesters to be aimed at providing rehabilitation personnel and educators with information on drug use and abuse and how schools, state agencies, and community resources can be utilized in meeting the needs of drug problems.

**Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available**

**Schedule: Long-term; Fall and/or Spring (regular semester)**

**For Registration or Additional Information write to:**

**Registrar  
University of Arkansas  
Fayetteville, Arkansas**

**344 VOCATIONAL REHABILITATION**

**Instructor: Larry Dickerson, Ph.D.**

**For: Graduate Students**

**Description and Objectives:**

A survey of Federal and State Vocational Rehabilitation programs with emphasis on approaches to serving the various disability groups.

**Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available**

**Schedule: Long-term; Fall and/or Spring (regular semester)**

**For Registration or Additional Information write to:**

**Registrar  
University of Arkansas  
Fayetteville, Arkansas**

**345 SEMINAR ON METHODS AND TECHNIQUES OF COUNSELING IN REHABILITATION**

**Instructors: Selected Research and Training Staff**

**For: Graduate and Undergraduate Students**

**Description and Objectives:**

Basic methods and techniques of counseling will be covered. Emphasis will be on elements of the theories and techniques which are appropriate for rehabilitation practice.

**Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available**

**Schedule: Long-term; Spring 1973 (regular semester)**

**For Registration or Additional Information write to:**

**Registrar  
University of Arkansas  
Fayetteville, Arkansas**

198

RT-13

346 SEMINAR ON GROUP COUNSELING IN REHABILITATION

Instructors: Bob L. Means, Ph.D. and Selected Research and Training Staff

For: Graduate and Undergraduate Students

Description and Objectives:

Group counseling techniques and theories will be covered. Emphasis will be on orienting the group process to the particular needs of rehabilitation clients.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Spring 1973 (regular semester)

For Registration or Additional Information write to:

Registrar  
University of Arkansas  
Fayetteville, Arkansas

347 UNIVERSITY COURSES

Instructors: Selected Research and Training Faculty

For: University Students pursuing social and rehabilitative and related degrees.

Description and Objectives:

Proposed courses include: Methods and Techniques of Counseling; Supervised Practice in Adolescent-Adult Counseling; Group Procedure in Guidance; Vocational Rehabilitation; Advanced Counseling Theory and Methods; Seminar in Counseling Education; Theories and Techniques of Group Counseling; Human Relations Seminar (Summer-1973); Counselor Education-Practicum (Spring Semester-1973); Social and Psychological Aspects of Behavior; Applied Educational Statistics.

Maximum Enrollment: 20 per course; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; regular course schedule

For Registration or Additional Information write to:

Registrar  
University of Arkansas  
Fayetteville, Arkansas

## RT-15

## University of West Virginia

## 348 HELPING: A BEHAVIORAL APPROACH

Instructors: Joseph B. Moriarty, Ph.D.; West Virginia Research and Training Center

For: All Levels of Vocational Rehabilitation Personnel

## Description and Objectives:

This course is designed to prepare rehabilitation workers to have a better understanding of the basic principles of Human Behavior. Through the techniques of applied behavior change processes, the program will instruct participants in the methodology of affecting positive change in "so-called" problem cases. The need for universal terminology in dealing with and helping handicapped individuals will be emphasized. In addition, the principles of positive reinforcement, extinction and shaping of behavior will be stressed.

Maximum Enrollment: 25 per class; Outside Applicants Accepted; Academic Credit Not Available (certificates awarded by West Virginia University)

Schedule: Short-term; 6 hours per day for 2 days; as needed throughout the year

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

## 349 AUDIOVISUAL AIDS TO INSTRUCTION ON A LIMITED BUDGET

Instructor: Mr. Thomas Mitchell

For: Vocational Instructors in Rehabilitation

## Description and Objectives:

This course is designed to apprise vocational instructors on how to develop instructional software so as to increase the effectiveness of their training areas. Topics to be covered include preparation of overhead transparencies, slide presentations, audio tapes, etc.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; Fall 1972 and as needed throughout the year

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112



200 RT-15

350 **INTERPERSONAL SKILLS WORKSHOP FOR REHABILITATION COUNSELORS**

Instructors: Bob Means, Ph.D., Director of Training, Arkansas Research and Training Center

For: Rehabilitation Counselors and Other Human Service Workers

**Description and Objectives:**

This workshop is designed to train staff from education and other Human Service Agencies in more effective ways of relating to staff and students. Other objectives include to familiarize participants with the dynamics of interpersonal skills and to demonstrate their effectiveness in bringing about positive changes in behavior.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; dates to be determined

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

351 **REGIONAL TRAINING PROGRAM**

Instructors: William Phelps, M.A.; Jack Reno, M.A.

For: Vocational Rehabilitation and Human Resource Personnel throughout HEW Region III

**Description and Objectives:**

This regional program conducts short-term in-service training for rehabilitation personnel periodically throughout the year. To date the project has conducted training in the areas of: (1) Public Assistance/Vocational Rehabilitation joint training; (2) Pneumoconiosis, (3) Neurological impairments, (4) MODAPTS training (time studies for rehabilitation facilities) and (5) Spinal cord injured. Training of aforementioned type and training in the areas of (1) Paraprofessional personnel, (2) Caseload management, and (3) planning and developmental training, are also planned in the coming year.

Maximum Enrollment: varies from seminar to seminar; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; time varies in length according to program; scheduled periodically through the year

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D.  
Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

352 **HELPING: A BEHAVIORAL APPROACH FOR STATE TRAINING OFFICERS AND LOCAL TRAINING COORDINATORS**

RT-15

201

Instructors: Joseph B. Moriarty, Ph.D.; Paul A. Leary, Ed.D.

For: State Vocational Rehabilitation Training Officers and  
Local Training Coordinators throughout HEW Region  
III

**Description and Objectives:**

This short-term program is designed to orient training officers and local training coordinators to the Research and Training Center's new audiovisual "packaged" program dealing with techniques for effecting positive behavioral change in rehabilitation clients. The program consists of sixteen, self-standing audiovisual units for rehabilitation personnel. In addition to the 35 mm visuals and audio cassettes, the "package" will include workbooks, guided group discussion materials and an evaluation instrument to determine effectiveness. It is expected that the trainers who take this course will then return to local situations and train all rehabilitation personnel under their jurisdiction using the Research and Training Center's "packaged" program.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; Fall, Winter of 1972, 1973

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

**353 ART AND SCIENCE OF TEACHING**

Instructor: Paul A. Leary, Ed.D., Director of Training, West Virginia Research and Training Center

For: Teachers and Vocational Instructors in Rehabilitation Settings

**Description and Objectives:**

This educational program is designed to assist rehabilitation teachers in the identification and application of basic instructional skills and techniques in their work. Special emphasis will be placed upon the dynamics which are particularly effective in working with the handicapped. Behavior modification techniques augment the curriculum.

Maximum Enrollment: 25-30; Outside Applicants Accepted; Academic Credit Not Available (certificate granted by West Virginia University)

Schedule: Short-term; 8 hours per day for 1½ days; as needed throughout the year

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

201

202

RT-15

354      **DEVELOPMENT OF AUDIOVISUAL ORIENTATION  
PROGRAMS FOR VOCATIONAL REHABILITATION  
PERSONNEL**

Instructors:    Raymond Sankovsky, Ph.D., Alabama Rehabilitation  
Media Service

For:            Rehabilitation Facility Personnel

**Description and Objectives:**

This course is designed to apprise personnel in rehabilitation facilities as to how to construct orientation to the facility, for both incoming clients and the general public. Participants will learn how to take appropriate photographs, script write about the facility in appropriate terms, coordinate the slides with the script and pace the program so that it is instructionally sound and appropriate.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 4 days; Fall 1972

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

355      **HOW TO SELECT, ADMINISTER AND INTERPRET  
PSYCHOLOGICAL TESTS**

Instructor:    Joseph B. Moriarty, Ph.D., West Virginia Research and  
Training Center

For:            Vocational Rehabilitation Counselors

**Description and Objectives:**

This short-term program is designed to assist Vocational Rehabilitation Counselors in the do's and don'ts of selection, interpretation and administration of psychological instruments. The identification of particular tests needed to meet unique situations will be considered from an individual as well as a group testing point of view. The application of test results toward effective rehabilitation planning will be stressed.

Maximum Enrollment: 25 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; as needed throughout the year

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

356      **THE TRAINER AS AN AGENT OF CHANGE**

Instructor:    Paul A. Leary, Ed.D., Director of Training, West  
Virginia Research & Training Center

202

RT-15

203

**For:** Local Training Coordinators from Vocational Rehabilitation Field Offices, Special Projects and Facilities from Region III

**Description and Objectives:**

This short course is designed to assist those individuals assigned the responsibility for providing training at the local level. The primary objective is to educate local trainers toward a recognition of the significance of their role in influencing job performance of rehabilitation practitioners.

**Maximum Enrollment:** 30; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 7 hours per day for 3 days; dates to be determined

**For Registration or Additional Information write to:**

Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

**357** BASIC TECHNIQUES OF DESIGNING MATERIALS FOR AUDIOVISUAL PRESENTATIONS

**Instructor:** Mr. Thomas Mitchell

**For:** Training Officers and Local Training Coordinators from Region III

**Description and Objectives:**

This short course is designed to assist those individuals assigned the responsibility for providing training at the local level. Participants will learn how to use audiovisuals and how to prepare materials for enhancing training.

**Maximum Enrollment:** 25; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day for 1 day; as needed throughout the year

**For Registration or Additional Information write to:**

Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

**358** HOW TO SELECT, ADMINISTER AND INTERPRET PSYCHOLOGICAL TESTS

**Instructors:** Joseph B. Moriarty, Ph.D., West Virginia R&T Center; Paul A. Leary, Ed.D., West Virginia R&T Center

**For:** State Training Officers and Local Training Coordinators

**Description and Objectives:**

This course is designed to orient training personnel and local training coordinators to a new mediated "packaged" program dealing with psychological testing titled "How to Select,

Administer and Interpret Psychological Tests." The course consists of a programmed text for students accompanied by audio cassettes to teach participants how to administer and score each of the nine tests included in the "testing kit" suggested for counselor use. It is expected that the trainers who take this course will then return to local situations and train all counselors under their jurisdiction. (State Vocational Rehabilitation Agency training directors in HEW Regions III, IX, and X have already been trained to do this, as well as local training coordinators in the West Virginia Vocational Rehabilitation Agency.)

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 2 days; as needed throughout the year

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

**359 PLACEMENT ACTIVITIES FOR HUMAN SERVICE PERSONNEL**

Instructors: Mark Smith, M.A. and others

For: Human Service Personnel in Region III

**Description and Objectives:**

This short course is designed to acquaint Human Service personnel with the importance of placement activities. Resource persons with placement backgrounds will discuss with participants alternatives and proposed systems appropriate to how professionals can help clients enter into the world of work. Employment opportunities with Federal, State and Local governmental agencies will be thoroughly discussed.

Maximum Enrollment: 30-50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 5 days; Fall 1972

For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112

**360 INTRODUCTION TO THE BASIC PRINCIPLES OF MANAGEMENT**

Instructor: Paul A. Leary, Ed.D., Director of Training, West Virginia Research and Training Center

For: Vocational Rehabilitation Supervisors from Region III

**Description and Objectives:**

The seminar will historically and philosophically review the various managerial techniques available for use today along with

**RT-15**

**205**

their strengths and weaknesses. A special emphasis will be placed upon the managing and supervising of personnel. Special problems of individual participants will be focused upon through discussion, role-playing and group interaction.

**Maximum Enrollment: 20 per class; Outside Applicants Accepted; Academic Credit Not Available**

**Schedule: Short-term; 6 hours per day for 3 days; as needed throughout the year**

**For Registration or Additional Information write to:  
Paul A. Leary, Ed.D., Director of Training  
West Virginia R&T Center  
Institute, West Virginia 25112**

205

## RT-16

## University of Oregon

**361 THE NURSE IN THE REHABILITATION OF THE MENTALLY RETARDED**

Instructor: Dr. Philip L. Browning

For: Registered Nurses

**Description and Objectives:**

This seminar is designed to provide an introductory overview of the area of mental retardation as it relates to the field of nursing. Special attention will be given to various strategies and approaches for working with the retarded and their parents. The program is jointly sponsored by the Rehabilitation Research and Training Center in Eugene, Oregon and by the University of Oregon Medical School - University Affiliated Facility.

Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 4½ days; November 27 to December 1, 1972

For Registration or Additional Information write to:  
Philip L. Browning, Director of Training  
Clinical Services Building  
University of Oregon  
Eugene, Oregon 97403

**362 BEHAVIOR MODIFICATION AS A REHABILITATION TOOL**

Instructor: Dr. Philip L. Browning

For: Practitioners in helping services, e.g., special educators, social workers, nurses, rehabilitation counselors, school psychologists, etc.

**Description and Objectives:**

This seminar provides an introduction to the principles of behavior modification with particular attention devoted to aspects and methods of practical application. Emphasis will be given to task analysis, the successive approximation of target behavior through programming, and the relevance of current research for daily practice.

Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 4½ days; January 8 to January 12, 1973

208

RT-16

For Registration or Additional Information write to:  
Philip L. Browning, Director of Training  
Clinical Services Building  
University of Oregon  
Eugene, Oregon 97403

**363 STRATEGIES FOR THE EVALUATION OF SHORT-TERM TRAINING IN REHABILITATION**

Instructor: Dr. Philip L. Browning

For: Rehabilitation personnel responsible for the administration, implementation, and/or evaluation of short-term training programs

**Description and Objectives:**

The purpose of this program is to provide the trainees with a current overview of procedures used for the evaluation of short-term training programs, many of which have been designed and/or implemented by the staff at this Center. A description of these methods should provide the trainees with a variety of strategies for short-term training program evaluation.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 2½ days; February 19 to February 21, 1973

For Registration or Additional Information write to:  
Philip L. Browning, Director of Training  
Clinical Services Building  
University of Oregon  
Eugene, Oregon 97403

**364 MENTAL RETARDATION AND CORRECTIONS**

Instructor: Dr. Philip L. Browning

For: Senior researchers representing universities and state rehabilitation and correction agencies

**Description and Objectives:**

This "special study" institute is designed to consider the issues related to incarcerated retarded populations. Participants will focus upon the vocational, educational, sociological, and psychological habilitation of the retarded prisoner. Formulation of efficient treatment programs will be discussed. The problems of parole and re-integration into society will also be examined.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2½ days; February 11, 1974 to February 13, 1974

For Registration or Additional Information write to:  
Philip L. Browning, Director of Training  
Clinical Services Building  
University of Oregon  
Eugene, Oregon 97403

207



RT-16

209

**365 THE VOCATIONAL REHABILITATION OF THE MENTALLY RETARDED**

**Instructor:** Dr. Philip L. Browning

**For:** Experienced vocational rehabilitation counselors with specialized caseloads of retarded clients

**Description and Objectives:**

This seminar is designed to examine intensively the rehabilitation process as it relates to the retarded adolescent and adult. Particularly, emphasis will be placed upon work-study programs, placement models, the influence of community conditions on placement, resources for placement, and related topics.

**Maximum Enrollment:** 30; **Outside Applicants Accepted** (primarily intended for persons from HEW Regions VIII, IX and X); **Academic Credit Not Available**

**Schedule:** Short-term; 10-14 hours per day for 4½ days; September 17, 1973 to September 21, 1973

**For Registration or Additional Information write to:**  
Philip L. Browning, Director of Training  
Clinical Services Building  
University of Oregon  
Eugene, Oregon 97403

**366 THE ROLE OF THE WELFARE SPECIALIST IN THE REHABILITATION OF THE MENTALLY RETARDED**

**Instructor:** Dr. Philip L. Browning

**For:** Welfare Caseworkers and Social Workers

**Description and Objectives:**

This seminar is designed to provide an overview of the area of mental retardation as it relates to the field of welfare work. Particular emphasis will be given to philosophy, history, legislation, casework management, and models for practice.

**Maximum Enrollment:** 30; **Outside Applicants Accepted** (primarily intended for persons from HEW Regions VIII, IX and X); **Academic Credit Not Available**

**Schedule:** Short-term; 10-14 hours per day for 4½ days; July 16, 1973 to July 20, 1973

**For Registration or Additional Information write to:**  
Philip L. Browning, Director of Training  
Clinical Services Building  
University of Oregon  
Eugene, Oregon 97403

**367 THE ROLE OF STATE LEGISLATORS IN THE AREA OF MENTAL RETARDATION**

**Instructor:** Dr. Philip L. Browning

**For:** State Legislators

210

RT-16

**Description and Objectives:**

This seminar is designed to provide introductory overview of the area of mental retardation to interested state legislators. Special attention will be given to identifying current problems and the need of legal action as a means of coping with these problems.

**Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for legislators representing states in Region VIII, IX and X); Academic Credit Not Available**

**Schedule: Short-term; 10-14 hours per day for 2½ days; November 5, 1973 to November 7, 1973**

**For Registration or Additional Information write to:**

Philip L. Browning, Director of Training  
Clinical Services Building  
University of Oregon  
Eugene, Oregon 97403

368

**INTRODUCTION TO THE REHABILITATION OF THE MENTALLY RETARDED**

**Instructor: Dr. Philip L. Browning**

**For: Vocational Rehabilitation Counselors who carry a general caseload**

**Description and Objectives:**

This seminar is designed to provide an overview of the rehabilitation process as it relates to the adolescent and adult retarded. Particular consideration will be given to vocational evaluation, training, placement and related topics.

**Maximum Enrollment: 30; Outside Applicants Not Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available**

**Schedule: Short-term; 10-14 hours per day for 4½ days; May 7, 1973 to May 11, 1973**

**For Registration or Additional Information write to:**

Philip L. Browning, Director of Training  
Research and Training Center in Mental Retardation  
University of Oregon  
Eugene, Oregon 97403

## RT-17

## New York University

369           **ORIENTATION OF COUNSELORS WITH FEW DEAF CLIENTS**

**Instructors:** Jerome D. Schein, Ph.D., Program Director; Glenn Lloyd, Ph.D., Director of Research; Frank Bowe, M.A., Assistant Research Scientists

**For:** Rehabilitation Counselors

**Description and Objectives:**

The objective is to improve the delivery of services to deaf clients through the in-service training of rehabilitation counselors. The material covered is especially designed for counselors who see only a few deaf clients in any year. It aims to acquaint the counselor with the problems of deafness and to teach him some communication skills which can be easily learned, quickly implemented, and long remembered.

The program will be offered in four different settings, with four sets of counselors, under two different time schedules:

New Jersey. Counselors in the Atlantic City region will meet for three half-day sessions, separated by one week each.

Albany, New York. Counselors from the Albany area will meet for a single session lasting one and one-half days.

Puerto Rico. Counselors from Puerto Rico will meet for a single one and one-half day session.

New York City. A group of New York City counselors will be given the program in three half-day sessions, each separated by one week.

The program is easily transmittable to other training agencies and can be made available in other locations on request.

**Maximum Enrollment:** open; **Outside Applicants Accepted;** **Academic Credit Not Available**

**Schedule:** Short-term; 1½ days; dates to be announced

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
80 Washington Square East, Room 51  
New York, New York 10003

370           **TECHNIQUES OF COMMUNICATING WITH DEAF PERSONS**

**Instructor:** Carol Tipton, M.A.

**For:** Undergraduate and Graduate Students

**Description and Objectives:** .

This special short-term summer session is offered to provide professional workers with deaf people with an opportunity for intensive summer study in the specific knowledge needed for work in this field. An introductory course in methods of communicating with deaf persons. Fingerspelling and sign language are demonstrated and practiced, with emphasis on the appropriate use of signs in various contexts. Special laboratory sessions are held daily to give an opportunity for extra practice.

**Maximum Enrollment:** open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Short-term; 4 hours per day for 15 days; July 2, 1973 to July 22, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

### 371 FIELDWORK IN DEAFNESS

**Instructor:** Doris W. Naiman, Ph.D.

**For:** Graduate Students

**Description and Objectives:**

The special short-term summer session is offered to provide professional workers with deaf people with an opportunity for intensive summer study in the specific knowledge needed for work in this field. This course provides clinical apprenticeships in which each trainee has a supervised practicum in his own specialty area in an agency or school serving deaf people. The trainee has an opportunity first to observe how a professional specialist from his own field conducts activities with deaf individuals, and then to carry on assignments under supervision. Individual conferences and integrative seminars are held to discuss problems and experiences.

**Maximum Enrollment:** open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Short-term; July to August (dates to be arranged)

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness Research & Training Center  
80 Washington Square East, Room 51  
New York University  
New York, New York 10003

### 372 DISTURBANCES IN COMMUNICATION

**Instructor:** Doris W. Naiman, Ph.D.

**For:** Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

**Description and Objectives:**

The purpose is to provide information about the various types of communicative disturbances the worker in deafness is likely to encounter. Emphasis is on those disturbances associated with mental deficit, sensory deficit, emotional disorders, and central nervous system involvements. Differential etiological and adjustive factors are reviewed and clinical observations conducted.

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 2 hours per day for 15 days; February 5, 1973 to June 1, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

**373 COMMUNITY SERVICE PROGRAMS FOR DEAF PERSONS**

**Instructor:** Douglas Watson, Ed.D.

**For:** Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

**Description and Objectives:**

The purpose is to study the organization, operation and objectives of various community facilities for deaf persons.

The trainees are given firsthand opportunities to observe the organization of the various agencies involved in the education and rehabilitation of the hearing handicapped in the greater New York area, to hear directly from directors of these agencies their philosophy of operation as well as the major problems they encounter, and to see interdisciplinary teams in action at the respective facilities. Opportunity is also provided to meet the deaf individual in the context of his own deaf society (clubs, organizations, social events, etc.).

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 2 hours per day for 15 days; September 21, 1972 to January 26, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

**374 FIELDWORK IN DEAFNESS**

**Instructor:** Doris W. Naiman, Ph.D.

214

RT-17

**For:** Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

**Description and Objectives:**

The purpose is to provide a clinical apprenticeship program in which each trainee has a supervised practicum in his own specialty area in an agency or school serving deaf people.

The trainee has an opportunity first to observe how a professional specialist from his own field conducts activities with deaf individuals, and then to carry on assignments under supervision. Ten hours a week are spent in supervised experience. Individual conferences and integrative seminars are held to discuss problems and provocative experiences.

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 5 hours per day for 30 days; September 21, 1972 to January 26, 1973 and February 5, 1973 to June 1, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

375 PRINCIPLES, TECHNIQUES AND PROBLEMS OF PSYCHOLOGICAL COUNSELING WITH DEAF PEOPLE

**Instructor:** Douglas Watson, Ph.D.

**For:** Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons.

**Description and Objectives:**

The purpose is to provide information about the unique problems and special techniques of psychological counseling with deaf children, adolescents, adults, and their families.

Application of general counseling theories, principles, and practices in work with deaf persons in various settings. Areas considered include: personal, vocational, marital and psychiatric counseling.

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 2 hours per day for 15 days; February 5, 1973 to June 1, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

RT-17

215

**376 RESEARCH IN DEAFNESS**

**Instructor:** Jerome D. Schein, Ph.D.

**For:** Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

**Description and Objectives:**

The purpose is to acquaint the trainees with current areas and levels of research in deafness, to increase trainees' awareness of problems in carrying out research with a deaf population, and to provide opportunity for developing and conducting studies. The course includes an introduction to the logic and methodology of research, with specific emphasis on those aspects of research most relevant to research in problems of deafness.

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 2 hours per day for 15 days; September 21, 1972 to January 26, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

**377 PSYCHOLOGY OF DEAFNESS I**

**Instructor:** Jerome D. Schein, Ph.D.

**For:** Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

**Description and Objectives:**

An analysis of the psychological aspects of deafness and the personal adjustment problems associated with various types of hearing loss. The emotional, vocational and educational consequences will be discussed in relation to their assessment and ways of dealing with them.

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 2 hours per day for 15 days; September 21, 1972 to January 26, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

214

216

RT-17

378 PSYCHOLOGY OF DEAFNESS II

Instructor: Jerome D. Schein, Ph.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

Emphasis is on the social psychological aspects of deafness, the deaf individual in society, the deaf community, and dynamics of social adjustment in relation to deafness. Areas considered include interpersonal relations, group processes, attitudes, mental health.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 15 days; February 5, 1973 to June 1, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

379 ADVANCED TECHNIQUES OF COMMUNICATING WITH DEAF PERSONS

Instructor: Carol Tipton, M.A.

For: Undergraduate and Graduate Students preparing for work in professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

The purpose is to help students develop fluency both in expressive and receptive skills in manual communication.

In this advanced course, special emphasis is given to individual problems in the development of manual skills, and application of techniques is made to the field of service represented by each student. Deaf persons are invited as resource personnel for lectures. Such persons also provide demonstrations in which various communication techniques are used. Opportunity is provided for self-evaluation by videotape. Special laboratory sessions are held regularly to give an opportunity for extra practice.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 30 days; September 21, 1972 to January 26, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D.  
Director, Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003



RT-17

217

**380            TECHNIQUES OF COMMUNICATING WITH DEAF PERSONS**

**Instructor:**    Carol Tipton, M.A.

**For:**            Undergraduate and Graduate Students

**Description and Objectives:**

An introductory course in methods of communicating with deaf persons. Fingerspelling and sign language are demonstrated and practiced, with emphasis on the appropriate use of signs in various contexts. Special Laboratory Sessions are held regularly to give an opportunity for extra practice.

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; 2 hours per day for 30 days; September 21, 1972 to January 26, 1973 and February 5, 1973 to June 1, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

**381            A GRADUATE PROGRAM OF MULTIDISCIPLINARY TRAINING IN THE AREA OF DEAFNESS**

**Instructors:**    Jerome D. Schein, Ph.D.; Doris W. Naiman, Ph.D.; Glenn Lloyd, Ph.D.; Douglas Watson, Ed.D.; Carol Tipton, M.A.; New York University Faculty

**For:**            Graduate Students preparing for full-time work in the professional disciplines involved in the rehabilitation of deaf persons

**Description and Objectives:**

Deafness Research & Training Center cooperates with New York University departments to provide full professional training for needed personnel in those disciplines that are directly engaged in the rehabilitation of deaf people. The programs lead to the Master's degree, the Ed.D., or the Ph.D. degree. All candidates enroll for a program which provides, in addition to knowledge about deafness and practical experience working with deaf people, the requisite professional preparation for a specific career in deafness rehabilitation. Each student enrolls in the department of his specialization, and his program is planned jointly with that department and the Center.

**Maximum Enrollment:** Open; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; September 1, 1972 to August 31, 1973

**For Registration or Additional Information write to:**

Jerome D. Schein, Ph.D., Director  
Deafness R&T Center  
New York University  
80 Washington Square East, Room 51  
New York, New York 10003

## RT-18

## University of Southern California

## 382 WORKSHOP ON MEDICAL WRITING

Instructor: Helen J. Hislop, Ph.D.

For: Associated Health Professionals

## Description and Objectives:

To improve the skills of literature searching, preparation of manuscripts, fundamentals of writing, and understanding of elementary statistics.

Maximum Enrollment: 40; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour/week for 14 hours; November 1972 to January 1973

## For Registration or Additional Information write to:

Helen J. Hislop, Ph.D.  
Director of Physical Therapy  
Div. for Research and Training in Rehabilitation  
University of Southern California  
Rancho Los Amigos Hospital Office  
Downey, California 90242

## 383 WORKSHOP ON PRINCIPLES AND METHODS OF CLINICAL RESEARCH

Instructors: Helen J. Hislop, Ph.D.; Lucy McDaniel, Ed.D.; Bryan Kemp, Ph.D.

For: Associated Health Professionals

## Description and Objectives:

To provide background knowledge in methods of literature searches, development of hypotheses, research design, instrumentation, data collection procedures, data analysis and preparation of a research protocol.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2-4 hours/week for 30 hours; September 1972 to January 1973

## For Registration or Additional Information write to:

Helen J. Hislop, Ph.D.  
Division for Research and Training in Rehabilitation  
USC School of Medicine  
1739 Griffin Avenue  
Los Angeles, California 90033

220

RT-18

- 384 (1) GAIT CLINIC (A TEACHING PROGRAM)  
(2) ADVANCED GAIT CLINIC (A TEACHING PROGRAM)

Instructor: J. Perry, M.D.

For: Physical Therapists; Orthopaedic and Physical Medicine Residents; Rehabilitation Engineers; Graduate Students in Physical Therapy

Description and Objectives:

- (1) A systematic and progressional analysis of gait problems related to neurological problems. Patients are used in the weekly sessions as are film loops which have been produced for teaching purposes.
- (2) An advanced clinic is offered for those who wish to progress beyond the basic analytic techniques into more complex and diverse patient problems.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available For P.T. Graduate Students

Schedule: Short-term; 1 hour per day for 10 days; Repeats every 10 weeks

For Registration or Additional Information write to:

J. Perry, M.D.  
Chief, Kinesiology Service  
Rancho Los Amigos Hospital  
Downey, California 90242

- 385 CLINICAL SPECIALIST PROGRAM IN PHYSICAL THERAPY

Instructor: Helen J. Hislop, Ph.D.

For: Graduate Physical Therapists

Description and Objectives:

1. This program is designed for physical therapists who have demonstrated a high degree of proficiency in clinical practice and who wish to enhance their professional contributions through an opportunity for in-depth study and experience in a circumscribed area of practice.
2. To produce flexible thinking, critical, assertive professionals, well versed in the science and art of practice, who can contribute creatively and independently through problem-solving to the total care of the patient. These people must be prepared to assume leadership roles in physical therapy and thus be effective and proficient with administrative, supervision, and teaching functions. They must be able to work conjointly in a peer relationship with others on the health care team.
3. To train physical therapists in the context of the above as specialists in any of our defined areas of clinical practice. This will result in marked improvement in patient care as well as better evaluative and follow-up procedures. Also to be emphasized will be all elements of health maintenance in the health care continuum. The areas of specialization available are: (1) management of musculo-skeletal disorders; (2) management of cardiorespiratory

- disorders; (3) management of neurological disorders; and (4) management of pediatric disorders.
4. Roles to be filled by clinical specialists include positions of leadership in clinical practice, clinical teaching, academic teaching, and also in administration.
  5. The need for specialty-trained physical therapists is imperative if the quality of physical therapy services is to be improved along with the expansion of numbers of therapists in the decades ahead. Quality service cannot be achieved without practitioners competent to plan and supervise clinical programs in a variety of settings. Permitting opportunity for high development of individual interests should, furthermore, fill an unmet need for superiorly trained personnel who will derive greater satisfaction from their professional efforts because of increased ability to contribute.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day; September 1972 to September 1974 (24-month program coincides with University Calendar)

For Registration or Additional Information write to:

Helen J. Hislop, Ph.D.  
 Director of Graduate Studies  
 Department of Physical Therapy  
 University of Southern California  
 Rancho Los Amigos Center  
 Horton Street  
 Downey, California 90242

**386 CLINICAL NEUROLOGY FOR OCCUPATIONAL AND PHYSICAL THERAPISTS**

Instructor: Helen J. Hislop, Ph.D.

For: Physical and Occupational Therapy Students. Other Allied Health Students Accepted also

**Description and Objectives:**

To present a course in clinical neurology integrated with the basic sciences of neurophysiology, neuro-anatomy, and muscle physiology to students in the basic professional programs in physical therapy and occupational therapy at the University of Southern California.

The course is not presented as a watered-down course in medical neurology but rather focuses on the functional problems treated by the therapist and presents the scientific background of the pathology and the rationale for treatment. Thus the course is divided into four segments: problems which result in (1) loss of motion, (2) excessive motion, (3) uncontrolled motion, and (4) sensory abnormalities. All lectures are combined with patient demonstrations prior to explanation of the problem and students are assigned to the neurology wards at Rancho Los Amigos Hospital for patient workups.

Maximum Enrollment: no limit; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 4 hours per day for 18 days; September 1972 to January 1973 and January 1973 to May 1973 (University Semesters)

For Registration or Additional Information write to:

Helen J. Hislop, Ph.D.  
Department of Physical Therapy  
USC Rancho Los Amigos Center  
Horton Street  
Downey, California 90242

**387 CLINICAL PHYSIOLOGY OF NERVE AND MUSCLE**

Instructor: Helen J. Hislop, Ph.D.

For: Allied Health Students

**Description and Objectives:**

An advanced analysis of muscle and nerve physiology related to problems of therapeutic exercise and management of physical disability.

Emphasis is on disorders of muscle and mechanisms of normal and abnormal muscle function.

Maximum Enrollment: not limited; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 18 days; February 1973 to June 1973 (one University Semester)

For Registration or Additional Information write to:

Helen J. Hislop, Ph.D.  
Dept. of Physical Therapy  
USC Rancho Los Amigos Center  
Downey, California 90242

**388 PHYSIOLOGICAL CORRELATES OF THERAPEUTIC EXERCISE**

Instructor: Helen J. Hislop, Ph.D.

For: Allied Health and Medical Students

**Description and Objectives:**

A basic course to provide background information on the physiological bases for therapeutic exercise programs. Systems of the body stressed are muscle, cardiovascular, respiratory, metabolic endocrine and nervous systems as they relate to patients with disability.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 36 days; September 1972 to February 1973 (one University Semester)

For Registration or Additional Information write to:

Helen J. Hislop, Ph.D.  
Director of Graduate Studies  
Dept. of Physical Therapy  
USC Rancho Los Amigos Center  
Horton Street  
Downey, California 90242

RT-18

223

**389 CLINICAL EXPERIENCE FOR PHYSICAL THERAPY STUDENTS**

**Instructor:** Helen J. Hislop, Ph.D.; Hazel V. Adkins, M.A.

**For:** Physical Therapy Students—U.S. Citizens; Foreign Trained Graduate Therapists

**Description and Objectives:**

1. To provide post-academic clinical training necessary for professional certification in physical therapy (ongoing program).
2. To provide advanced training in rehabilitation for foreign trained physical therapists who wish to enter a six-month program tailored to their needs and experience.

**Maximum Enrollment:** 30; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day for 30 to 180 days; scheduled to suit student and institution

**For Registration or Additional Information write to:**

Hazel V. Adkins, M.A., Education Coordinator  
Dept. of Physical Therapy  
USC Rancho Los Amigos Hospital  
Downey, California 90242

**390 (1) INTRODUCTION TO REHABILITATION  
(2) INTERNSHIP IN REHABILITATION COUNSELING**

**Instructor:** Rosemary Callahan, M.S.

**For:** Master's Degree Students in Rehabilitation Counseling, USC

**Description and Objectives:**

To provide orientation and internship placements leading to clinical experience in rehabilitation counseling. Both short-termed orientation and longer-termed internship placements will be arranged for students in various facilities, i.e., Rancho Los Amigos Hospital, Orthopaedic Hospital, the Los Angeles County-University of Southern California Medical Center, Department of Rehabilitation, private and public agencies.

**Maximum Enrollment:** 25; Outside Applicants Not Accepted; Academic Credit Available

**Schedule:** Internship in Rehabilitation Counseling - Long-term: 3 hours/day, 5 days/week, plus 2 half-day seminars on campus per week. Spring and Fall. Introduction to Rehabilitation - Short-term: 6 hours/day, one day/week, plus ½ day seminar on campus. Spring and Fall.

**For Registration or Additional Information write to:**

Rosemary Callahan, M.S., Director and Supervisor  
Field Work Activities, USC  
Department of Counselor Education  
Waite Phillips Hall  
University Park  
Los Angeles, California 90007

221

224

RT-18

**391 INSTITUTE IN REHABILITATION**

**Instructors:** Specialists in the area of each institute topic

**For:** Rehabilitation counselors in public and private agencies and graduate students in rehabilitation counseling; professional workers and students involved in the field of comprehensive rehabilitative care

**Description and Objectives:**

A series of 8 two-day institutes are sponsored by RT-18 during the period October 1972-May 1973. The objectives of the institutes are:

1. To provide information about the relationships between the medical, social and emotional components of illness or disability.
2. To demonstrate that there is a core of understanding about disability and rehabilitation that should be shared by all of the health professions.
3. To emphasize the need of the integration of the health professions and agency services in rehabilitative care.

Institutes will be held in the states comprising Region IX. Topics are as follows: Low Back Pain, Alcoholism/Drugs, Aging, Behavioral Disorders, Spinal Cord Injury, Mental Retardation, Correctional Rehabilitation, and Medical Consultation.

Methods of presentation include lectures, video-tapes and small group discussions.

**Maximum Enrollment:** 100; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day 2 days/institute; October 1972 to May 1973

**For Registration or Additional Information write to:**

Charlotte Taylor, M.S.  
Dir. of Training, Div. for R&T in Rehabilitation  
School of Medicine, USC  
1739 Griffin Avenue, Room 102  
Los Angeles, California 90031

**392 SUMMER WORK-STUDY PROGRAM IN COMPREHENSIVE REHABILITATIVE CARE**

**Instructors:** Elsbeth Kahn, Ph.D.; Charlotte Taylor, M.S. - USC, School of Medicine, Div. for R&T in Rehabilitation

**For:** Students who have completed their first year of training in health care fields such as medicine, nursing, physical therapy, occupational therapy, rehabilitation counseling, social work and public health administration

**Description and Objectives:**

The objectives of the program are:

1. To learn about rehabilitation needs of people with various chronic and catastrophic health problems.
2. To learn the broad spectrum of rehabilitation services.
3. To learn about team practice in rehabilitative care.
4. To become aware of existing community resources and unmet needs for rehabilitative care.

The overall goal of the program is to stimulate the interest of students in interdisciplinary practice in the field of comprehensive rehabilitative care. The students work in interdisciplinary teams. Each team observes and participates in a treatment facility two days a week, eight hours a day for eight weeks where team members observe the skills of their professional counterparts and develop their own skills. The teams visit a wide range of public and private health and welfare agencies. They come together for seminars and for small group discussion to integrate their experiences with theories of comprehensive rehabilitative care.

Maximum Enrollment: 25; Outside Applicants Accepted (Students attending school in Region IX accepted. Stipends of approximately \$800 for duration of program); Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 60 days; June to August 1973

For Registration or Additional Information write to:  
Mrs. Charlotte Taylor, Dir. of Training  
Div. for R&T in Rehabilitation  
USC School of Medicine  
1739 Griffin Avenue, Room 102  
Los Angeles, California 90031

**393 VIDEO-TAPE MATERIALS ON COMPREHENSIVE REHABILITATION CARE FROM INSTITUTES**

Instructors: —

For: —

**Description and Objectives:**

A library of videotapes of institutes that have been presented by RT-18 during the past three years is available for loan. The list of tapes includes institutes in: Alcoholism; Cerebrovascular Disease; Chronic Respiratory Disease; Drug Addiction; Epilepsy; Hemophilia; Rheumatic and Coronary Heart Disease; Cancer; Diabetes; Spinal Cord Injury; Renal Disease; Cerebral Palsy.

**Address all inquiries concerning tape loans to:**

Martin Blake  
Division for Research and Training in Rehabilitation  
1739 Griffin Avenue, Room 102  
Los Angeles, California 90031  
(213) 225-3115, ext. 73974

**394 VIDEO-TAPE MATERIAL ON COMPREHENSIVE REHABILITATIVE CARE**

Instructor: —

For: Medical Students

**Description and Objectives:**

The RT Center makes available its staff and a library of videotape material on comprehensive rehabilitation care to students in the USC School of Medicine for seminars and informal discussions.



226

RT-18

For Additional Information write to:

Lorin L. Stephens, M.D.  
Director, Div. for R&T in Rehabilitation  
USC School of Medicine  
1739 Griffin Avenue  
Los Angeles, California 90031

395      MEDICAL      SOCIAL      SERVICE      IN-SERVICE  
                 TRAINING

Instructors: Staff on Rotation in Consultation with Dr. Elsbeth  
Kahn and Mrs. Doris Bernhagen

For: All Medical Social Service Staff on various schedules

Description and Objectives:

In line with structural reorganization, team service models have been developed to assure better continuity of social care and to make social services within the hospital a self-sustaining system. Social Work teams will not employ a differential use of staff in providing services, without the Business Office function of establishing financial eligibility being a part of the function.

In-service training is geared toward clerical, Medical Social Work, and Medical Casework staff to assist them in learning and perfecting interviewing skills, inter-colleague relationships and interdisciplinary team relationship skills.

Refresher material will be offered to stimulate continued professional growth in casework, group work and consultation methods as they are used in our delivery of service to patients.

Maximum Enrollment: 128; Outside Applicants Not Accepted;  
Academic Credit Not Available

Schedule: Long-term; time and dates undetermined

For Registration or Additional Information write to:

Mr. James E. Piazzola, Assistant Director  
Medical Social Work, General Hospital  
1200 N. State Street, Room 1250  
Los Angeles, California 90033

224

## RT-19

## University of Alabama

**396 RESIDENCY IN PHYSICAL MEDICINE AND REHABILITATION**

**Instructors:** George H. Traugh, M.D.; Cecilio Nepomuceno, M.D.; Samuel Stover, M.D.; W.C. Fleming, M.D. (all physiatrists)

**For:** Physicians specializing in Physical Medicine and Rehabilitation

**Description and Objectives:**

The three-year PM&R Residency is approved by the University of Alabama and the American Board of PM&R. Rehabilitation in-patients are available in the Spain Rehabilitation Center, a 76-bed facility, with full-time faculty supervision of five physiatrists. Joint rounds are conducted with the Division of Rheumatology, Pulmonary Disease, Cardiology, and Orthopedic Surgery. An extensive pediatric rehabilitation program is also available with training and supervision in muscular dystrophy, multiple sclerosis, cerebral palsy, rheumatic diseases, and other primarily pediatric rehabilitation diseases. The six-bed in-patient consultation service is active at the Veterans Administration Hospital affiliated with the Medical Center.

**Maximum Enrollment:** 6; Outside Applicants Accepted; Academic Credit Available

**Schedule:** Long-term; September 1972 to August 1973

**For Registration or Additional Information write to:**

George H. Traugh, M.D.  
Assistant Professor, Rehabilitation Medicine  
University of Alabama in Birmingham  
University Station  
Birmingham, Alabama 35294

**397 ELECTIVE IN REHABILITATION MEDICINE FOR MEDICAL RESIDENTS**

**Instructors:** Rehabilitation Medicine Department Faculty

**For:** Medical Residents, University of Alabama in Birmingham

**Description and Objectives:**

This elective is designed for specialists in intern medicine who anticipate a general practice as primary physician to the patient. The emphasis is on the care and rehabilitation of the patient's chronic disease and affecting the neural musculoskeletal system. Substantial emphasis is placed on the total rehabilitation team and utilization of service of the team members including therapists, psychologists, social workers, and vocational rehabilitation counselors.

228

RT-19

Maximum Enrollment: 2 per month; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 22 days; September 1972 to August 1973

For Registration or Additional Information write to:

John M. Miller III, M.D.  
Project Dir., RT-19, Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

398 PEDIATRIC MEDICAL ORTHOPEDIC FOR  
PEDIATRIC HOUSE AND ATTENDING STAFF

Instructor: Samuel L. Stover, M.D.

For: Pediatric House and Attending Staff, Univ. of Ala. in Birmingham

Description and Objectives:

To provide lectures and demonstrations in the evaluation, diagnosis, and treatment of common pediatric orthopedic problems. The fundamentals of muscle testing and range of motion measurements in the clinical evaluation of many of these problems was emphasized. This is a cooperative effort with the Pediatric Orthopedic Department.

Maximum Enrollment: 15; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 1 hour per day for 14 days; Spring 1973

For Registration or Additional Information write to:

Samuel L. Stover, M.D.  
Assoc. Professor, Rehabilitation Medicine  
University Station  
Birmingham, Alabama 35294

399 SUPERVISION OF STUDENTS ON PEDIATRIC  
ROTATION

Instructor: Samuel L. Stover, M.D., Physiatrist

For: Medical Students

Description and Objectives:

To increase the input into the medical students training of the necessity of considering physical and social rehabilitation for all patients and to point out the necessity for considering the whole patient rather than just his acute intercurrent illnesses.

Maximum Enrollment: 125; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 5 days; September 1972 to August 1973

For Registration or Additional Information write to:

Samuel L. Stover, M.D.

25

Assoc. Professor, Rehabilitation Medicine  
Univ. of Alabama in Birmingham  
University Station  
Birmingham, Alabama 35294

**400 PULMONARY MEDICINE RESIDENT ROTATION**

Instructor: Ben V. Branscomb, M.D., Physiatrist

For: Medical Residents, Univ. of Ala. in Birmingham

**Description and Objectives:**

To provide the pulmonary aspects of the medical residency training program and the total rehabilitation setting. Medical residents are regularly assigned to this program as a total part of the Department's Training Program.

Maximum Enrollment: 25; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 8 hours per day for 20 days; September 1972  
to August 1973

For Registration or Additional Information write to:

Ben V. Branscomb, M.D.  
Associate Professor, Rehabilitation Medicine  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

**401 PEDIATRIC REHABILITATION ELECTIVE**

Instructor: Samuel L. Stover, M.D., Physiatrist

For: Second-Year Pediatric Residents

**Description and Objectives:**

To provide second-year pediatric residents an elective in Pediatric Rehabilitation. To acquaint them with chronic disease problems, many orthopedic problems and the comprehensive care and team approach to the handicapped child. The resident is responsible under close supervision for the patients care within the pediatric rehabilitation unit and follow the patient in the various therapy programs. Numerous clinics including cerebral palsy, muscular dystrophy, hemophilia, juvenile rheumatoid arthritis, immunology, spinal cord injury, are an integral part of the program.

Maximum Enrollment: 3; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: Short-term; 8 hours per day for 90 days; September 1972  
to August 1973

For Registration or Additional Information write to:

Samuel L. Stover, M.D.  
Assoc. Prof., Rehab. Medicine  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

230

RT-19

402 MEDICAL STUDENTS TEACHING

Instructors: Entire Rehabilitation Medicine Faculty

For: All Medical Students, Univ. of Ala. in Birmingham

Description and Objectives:

Direct input to medical student curriculum by the Department of Rehabilitation Medicine Staff is through the teaching activities included in the following topics: (A.) Rehabilitation Medicine and Public Health; (B.) Spinal Cord Injury; (C.) Normal Locomotion and Gait Analysis; (D.) Neurological Signs in Hemiplegia and Spinal Cord Injury; (E.) Growth and Development Student Teaching.

Each of these topics include one to two hour lectures and one to two hour laboratory sessions in small groups. The objectives include provision of the specific content material but also include the direction of Rehabilitation Medicine to the freshman students and an adequate orientation to these students to a team approach to patient care and the importance of this care in the treatment of the chronically disabled patients.

Maximum Enrollment: 125; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 4 hours per day for 20 days; September 1972 to August 1973

For Registration or Additional Information write to:

John M. Miller III, M.D., Project Director  
RT-19, Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

403 MEDICAL REHABILITATION—A REVIEW

Instructors: John M. Miller III, M.D. and Rehabilitation Medicine Staff

For: Medical Consultants of Vocational Rehabilitation

Description and Objectives:

To provide an intensive review of current advances in rehabilitation medicine particularly in the area of Spinal Cord Injury, Prosthetics and Orthotics, Biocommunication, Pulmonary Rehabilitation, and Rheumatology. Primary target group will be the medical consultants of the Alabama Vocational Rehabilitation Agency and an additional objective will be to better orient these physicians to programs under the auspices of the R&T Center and to better integrate these into the total rehabilitation effort in the state.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; Fall 1972

For Registration or Additional Information write to:

224  
Dr. Donald Patrick, Social Project Director  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

RT-19

231

404 PHYSICIANS ASSISTANTS TEACHING

Instructor: Samuel L. Stover, M.D., Psychiatrist

For: Physicians Assistants Trainees, Univ. of Ala. in Birmingham

Description and Objectives:

To integrate the techniques of Rehabilitation Medicine to a team approach to patient care and to the physicians assistants teaching program. The individuals will be working with general practitioners and dealing with many chronic disease patients. The course is now a regular part of the physicians assistants program and includes lecture and participation in the Rehabilitation Center by the participants.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 5 days; November to December 1972

For Registration or Additional Information write to:

Mrs. Kathleen Andreoli, Director  
Physicians Assistants Program  
School of Community and Allied Health Resources  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

405 PHYSICAL THERAPY AND OCCUPATIONAL THERAPY TEACHING

Instructor: Samuel L. Stover, M.D., Psychiatrist

For: Senior Physical and Occupational Therapy Students

Description and Objectives:

To provide medical instruction by lecture and discussion on child growth and development as well as diagnostic therapeutic implications in dealing with children with neuromuscular problems. Other broad areas covered in these sessions had to do with Pediatric Rehabilitation, Muscular Dystrophy and Spinal Cord Injury.

Maximum Enrollment: 40; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 5 days; September 1972 to May 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Assoc. Project Director RT-19  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

406 REHABILITATION NURSING FOR PUBLIC HEALTH AND VISITING NURSES

Instructors: Mrs. Janet Engstrand, Dir. of Rehabilitation Nursing, Spain Rehabilitation Center; Mary F. Jones, R.N., Spain Rehabilitation

229

232

RT-19

**For:** Public Health Nurses, Visiting Nursing Association Nurses

**Description and Objectives:**

To provide intensive orientation to rehabilitation nursing and to the team approach to comprehensive patient care. A particular emphasis is in enabling Public Health and VNA Personnel to provide more comprehensive follow-up of patients after they are discharged from the Rehabilitation Center.

**Maximum Enrollment:** 10 at a time; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day for 3 days; Fall to Spring

**For Registration or Additional Information write to:**

Mrs. Janet Engstrand, Dir. of Rehabilitation Nursing  
Spain Rehabilitation Center  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

**407 REHABILITATION NURSING IN-SERVICE**

**Instructors:** Mrs. Janet Engstrand and Rehabilitation Nursing Staff

**For:** Nursing Staff, Spain Rehabilitation Center

**Description and Objectives:**

To provide intensive and continuous in-service training for all personnel of the nursing service at Spain Rehabilitation Center regarding procedures and techniques related to rehabilitation nursing. This program is to be intensified with increased emphasis on career ladder involvement.

**Maximum Enrollment:** varied; Outside Applicants Not Accepted; Academic Credit Not Available

**Schedule:** Short-term; 1 hour per day for 24 days; September 1972 to August 1973

**For Registration or Additional Information write to:**

Mrs. Janet Engstrand, Dir. of Rehabilitation Nursing  
Spain Rehabilitation Center  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

**408 REHABILITATION NURSING (CLINICAL)**

**Instructors:** Entire Rehabilitation Nursing Staff

**For:** Nursing Students from all training programs in the area

**Description and Objectives:**

To provide lectures, demonstrations, discussion, conference and supervised clinical rehabilitation nursing experience in the comprehensive rehabilitation involvement in this setting requested by the various local nurses training programs. These programs include graduate, undergraduate, diploma, associate

RT-19

233

degree, and licensed practical nurses training programs. In each instance involvement in this city is the only exposure to rehabilitation nursing and the total training program.

Maximum Enrollment: varies; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day—number of days varies; September 1972 to August 1973

For Registration or Additional Information write to:  
Mrs. Janet Engstrand, Director, Rehabilitation Nursing  
Spain Rehabilitation Center  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

409 SPLINTING WORKSHOP

Instructor: Cornelia Dasher, O.T.R., M.A., B.S., B.A.

For: Occupational Therapy Staff

Description and Objectives:  
To provide intensive review of all splinting techniques for Occupational Therapists.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 5 days; September 1972

For Registration or Additional Information write to:  
Miss Connie Dasher, OTR  
Assistant Director Occupational Therapy  
Spain Rehabilitation Center  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

410 OCCUPATIONAL THERAPY CLINICAL AFFILIATION

Instructors: Miss Connie Dasher, M.A., O.T.R., and other staff therapists

For: Occupational Therapy Interns

Description and Objectives:  
To provide the rehabilitation center setting experience preparatory to B.S. in Occupational Therapy and registration examination for occupational therapy.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 220 days; September 1972 to August 1973

For Registration or Additional Information write to:



234

RT-19

Miss Connie Dasher, M.A., O.T.R.  
Assistant Director Occupational Therapy  
Spain Rehabilitation Center  
University Station  
Birmingham, Alabama 35294

**411            PREVOCAIONAL EVALUATION**

**Instructors:** Miss Connie Dasher, O.T.R., M.A.; Gretchen Schmaltz, O.T.R., M.A.

**For:** Senior Occupational Therapy Students

**Description and Objectives:**

To introduce methods in determining work capacity and skills of performance and to investigate standardized methods of testing and measuring patient activities.

**Maximum Enrollment:** 18; Outside Applicants Not Accepted; Academic Credit Available

**Schedule:** Short-term; 2 hours per day for 3 days; April 1973

**For Registration or Additional Information write to:**

Miss Connie Dasher, Assistant Director  
Occupational Therapy  
University Station  
Birmingham, Alabama 35294

**412            PRACTICUM, PHYSICAL DYSFUNCTION**

**Instructors:** Miss Connie Dasher, O.T.R., and other staff therapists

**For:** Senior Occupational Therapy Students, Univ. of Ala. in Birmingham

**Description and Objectives:**

To provide problem-solving material based upon patient need, to provide experience in goal setting based upon symptomology and patient needs, and to illustrate medical terminology and principles of treatment in Occupational Therapy.

**Maximum Enrollment:** 18; Outside Applicants Not Accepted; Academic Credit Available

**Schedule:** Short-term; 3-6 hours per day for 40 days; February to April 1973

**For Registration or Additional Information write to:**

Miss Connie Dasher, Assistant Director  
Occupational Therapy  
Spain Rehabilitation Center  
University Station  
Birmingham, Alabama 35294

**413            NEURO-DEVELOPMENTAL TECHNIQUES IN  
TREATING CEREBRAL DYSFUNCTION**

**Instructors:** Miss Connie Dasher, O.T.R., B.S., B.A., M.A.; Gretchen Schmaltz, O.T.R., B.S., M.S.

**RT-19**

**235**

**For:** Senior Students in Occupational Therapy, Univ. of Ala.  
in Birmingham

**Description and Objectives:**

To acquaint students with principles of reflex neurological sequence, to introduce methods in effecting the concept, and to illustrate the principle in a carryover to the traditional role of occupational therapy.

**Maximum Enrollment:** 18; **Outside Applicants Not Accepted;**  
**Academic Credit Available**

**Schedule:** Short-term; 2 hours per day for 2 days; February to March 1973

**For Registration or Additional Information write to:**  
Miss Connie Dasher, Assistant Director  
Occupational Therapy  
Spain Rehabilitation Center  
University Station  
Birmingham, Alabama 35294

**414** **IN-SERVICE FOR PHYSICAL THERAPISTS AND  
PHYSICAL THERAPY ASSISTANTS**

**Instructor:** Judy Cantey, Physicians within Medical Center

**For:** Physical Therapists and Physical Therapy Assistants

**Description and Objectives:**

Continuing education through reports from conference subjects of interest to field of physical therapy for information and improved techniques of treatment. Presently working on peer review mechanisms and competency levels.

**Maximum Enrollment:** 40; **Outside Applicants Accepted; Academic Credit Not Available**

**Schedule:** Short-term; 1 hour per day for half a week; September to August

**For Registration or Additional Information write to:**  
Miss Pat Kelley, Assistant Director  
Physical Therapy Clinical Services  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

**415** **CLINICAL AFFILIATION FOR UNIVERSITY OF  
ALABAMA PHYSICAL THERAPY STUDENTS**

**Instructor:** Jane Day, R.P.T.

**For:** Univ. of Ala. in Birmingham Physical Therapy Students

**Description and Objectives:**

To provide clinical experience for the physical therapy students in a rehabilitation setting. This learning experience meets requirements for the students in earning an undergraduate degree at the University of Alabama in Birmingham School of

236

RT-19

Physical Therapy. Affiliation at Spain Rehabilitation Center provides opportunity for supervised application of theories, procedures and techniques learned in the didactic phase of the curriculum as well as an opportunity to comprehend the team approach within the Center to the total patient.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 135 days; September 1972 to August 1973

For Registration or Additional Information write to:

Miss Marilyn Gossman  
Chairman, Dept. of Physical Therapy  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

416 CLINICAL AFFILIATION FOR PHYSICAL THERAPIST ASSISTANT STUDENTS

Instructor: Jane Day, R.P.T.

For: Physical Therapist Assistant Students

Description and Objectives:

Clinical experience will be provided for the physical therapist assistant students in the Rehabilitation Center setting. Two to four students will be accepted at a given time with time involved varying from two hours per week during the fall quarter up to twenty-seven hours per week during the spring and summer quarter 1973.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; September 1972 to August 1973

For Registration or Additional Information write to:

Miss Betty Canan, R.P.T.  
Director, Physical Therapy Assistant Program  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

417 PHYSICAL THERAPY ATTENDANT IN-SERVICE TRAINING

Instructor: Shirley Shaddeau, R.P.T., B.S., M.M.S.

For: Physical Therapy Attendants

Description and Objectives:

Course includes anatomy, Discussion of Diagnoses, Medical Terminology, communication skills, medical ethics, interpersonal relationships, and organization operations, job responsibilities and safety measures.

Objectives. Upgrade job classification and produce smoother departmental operations. Extrinsic: Understanding and working knowledge to improve patient care.

RT-19

239

422 SPECIAL EDUCATION INTERNSHIP

Instructor: Betty Stallworth, M.A.

For: Graduate Interns in Special Education

Description and Objectives:

To provide supervised teacher training experience in the area of hospital teaching of physically handicapped children. The experience includes elementary and secondary teaching with rehabilitation center patients and pediatric patients throughout University Hospital.

Maximum Enrollment: 2 per semester; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 90 days; September 1972 to May 1973

For Registration or Additional Information write to:

Miss Betty Stallworth  
Spain Rehabilitation Center  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

423 INTERNSHIP IN CLINICAL PSYCHOLOGY  
(NEUROPSYCHOLOGY & REHABILITATION)

Instructor: Dr. C. J. Rosecrans

For: Predoctoral Students in Clinical Psychology

Description and Objectives:

A general rotating internship in clinical psychology involving a consortium of training facilities and institutions; e.g., University Hospital Psychiatric in- and outpatient activity, Center for Developmental and Learning Disorders (mental retardation and organic brain damage in children), and Spain Rehabilitation Center (organic brain damage and other neuromuscular skeletal disabilities). All interns receive exposure to the unique psychological, rehabilitation and neuropsychological problems in the participating facilities of the internship training program. Training a well-rounded generalist clinical psychologist is the objective of this program.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for full year; September 1972 to August 1973 and June 1973 to June 1974

For Registration or Additional Information write to:

Dr. C. J. Rosecrans, Professor, Clinical Psychology  
Dept. of Psychiatry  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

424 VOLUNTEERS TRAINING

Instructor: Mrs. Janice Malone, B.S.

240

RT-19

**For:** Volunteer Workers, Spain Rehabilitation Center

**Description and Objectives:**

To orient the volunteers to the physical and mental problems of patients in our rehabilitation center and the ways in which volunteers can be of most helpful service to these patients. A prerequisite for participation as a volunteer is the completion of the one-week home nursing program.

**Maximum Enrollment:** 50; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 5 hours per day for 1 day; as needed

**For Registration or Additional Information write to:**

Mrs. Janice Malone, Coordinator of Patient Activities  
Spain Rehabilitation Center  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

425 PRECOURSE CLERKSHIP—INTRODUCTION TO HOSPITAL ADMINISTRATION

**Instructor:** Mr. Walter H. Carpenter, M.S.

**For:** Graduate Students in Hospital Administration

**Description and Objectives:**

The course provides a general description of the field of hospital and health administration. It includes the history and development of rehabilitation medicine, hospitals and the basic orientation and organization of the Spain Rehabilitation Center and the operational processes and daily activities. It provides an additional opportunity for evaluation by the faculty as to the capability, motivation and ability of the student for graduate education. At the same time, the student is provided with an educational experience which will help him in the self-determination, in the desire and ability, to continue education for health services administration.

**Maximum Enrollment:** 2; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day for 60 days; June 1, 1973 to September 1, 1973

**For Registration or Additional Information write to:**

Dr. Howard Houser, Chairman  
Graduate Program in Hospital Health Administration  
School of Community and Allied Health Resources  
Univ. of Ala. in Birmingham  
Birmingham, Alabama 35294

426 PSYCHOLOGY OF DISABILITY

**Instructor:** Harriett Schaffer, M.A.

**For:** Physical Therapy Seniors, UAB

**Description and Objectives:**

To acquaint physical therapy students with some of the concepts and therapeutic and diagnostic techniques used with the psychologist to assist in understanding the emotional trauma which accompanies a devastating disability.

**Maximum Enrollment:** 25; **Outside Applicants Not Accepted;**  
**Academic Credit Available**

**Schedule:** Short-term; 2 hours per day for 10 days; April 1973 to May 1973

**For Registration or Additional Information write to:**

Miss Marilyn Gossman, Chairman  
Department of Physical Therapy  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

**427 REHABILITATION SOCIAL WORK—CLINICAL EXPERIENCE**

**Instructor:** Mary F. Price, M.S.W.

**For:** Graduate Students in Social Work

**Description and Objectives:**

To provide the opportunity for supervised experience in clinical social work in a comprehensive medical rehabilitation center and to provide an opportunity to participate as a member of the team in its approach to the total care of the patient.

**Maximum Enrollment:** 5; **Outside Applicants Accepted;** **Academic Credit Available**

**Schedule:** Short-term; 8 hours per day, number of days varies; September 1972 to August 1973

**For Registration or Additional Information write to:**

Mrs. Mary F. Price, M.S.W.  
Spain Rehabilitation Center, UAB  
University Station  
Birmingham, Alabama 35294

**428 UNDERGRADUATE CLINICAL EXPERIENCE IN HUMAN SERVICES**

**Instructors:** Mary Price, M.S.W.; Harriett Schaffer, M.A.; Wayne Hay, M.A.

**For:** Undergraduate Students in Rehabilitation and Social Service Related Programs

**Description and Objectives:**

To provide an opportunity for observation and limited participation in the helping services in the medical rehabilitation setting. Participants have included rehabilitation services students, social work students, and home economics students from three local universities. Staff participants include social service, psychology and vocational rehabilitation. Students participate

242

RT-19

with the team and acquire beginning skills in working with the physically handicapped and their families.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day, number of days varies; September 1972 to August 1973

For Registration or Additional Information write to:  
Dr. Donald Patrick, Associate Project Director  
Rehabilitation R&T Center  
Univ. of Ala. in Birmingham  
Birmingham, Alabama 35294

429 VOCATIONAL REHABILITATION COUNSELING PRACTICUM

Instructor: Donald Patrick, Ph.D.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

To provide a counseling practicum (utilizing tape recorded counseling sessions) for employees of Alabama VR Agency pursuing M.A. degrees in Rehabilitation Counseling at the University of Alabama in Tuscaloosa. The counseling relationship is the focal point of this effort. Employed counselors are able to complete degree requirements without taking an additional full semester from their case load assignment.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 50 days; each semester

For Registration or Additional Information write to:  
Donald Patrick, Ph.D., Associate Project Director  
Rehabilitation R&T Center, UAB  
University Station  
Birmingham, Alabama 35294

430 VOCATIONAL REHABILITATION COUNSELING INTERNSHIP

Instructors: Wayne Hay, M.A.; Donald Patrick, Ph.D.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

To provide a vocational rehabilitation counseling internship experience in medical rehabilitation setting. While the major experience under supervision consists of working with patients in this medical setting, the internship also includes substantial orientation to the State Vocational Rehabilitation Agency with day-to-day supervision from a counselor with that agency.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

RT-19

243

Schedule: Short-term; 8 hours per day, number of days varies; each term

For Registration or Additional Information write to:  
Dr. Donald Patrick, Assoc. Proj. Dir.  
Rehabilitation R&T Center, UAB  
University Station  
Birmingham, Alabama 35294

**431 VOCATIONAL REHABILITATION COUNSELOR  
SEMINAR ON SPINAL CORD INJURY**

Instructors: John M. Miller III, M.D.; Staff

For: Vocational Rehabilitation Counselors

**Description and Objectives:**

To provide a medical and vocational introduction to spinal cord injury, its significance and problems related thereto. Content also deals with the resources available and means of utilization of these resources of the benefit to the patients/clients with spinal cord injury.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; September 1972

For Registration or Additional Information write to:  
Dr. Donald Patrick, Associate Project Director  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

**432 VOCATIONAL REHABILITATION COUNSELOR  
SEMINAR ON MENTAL ILLNESS**

Instructors: Dr. Donald Patrick; other University of Alabama Staff

For: Vocational Rehabilitation Counselors

**Description and Objectives:**

To provide new employed counselors with an introduction to mental and emotional disorders, and community resources available in working toward the vocational rehabilitation of persons with this problem.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; October 1972

For Registration or Additional Information write to:  
Dr. Donald Patrick, Assoc. Proj. Dir.  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

241



244 RT-19

433 VOCATIONAL REHABILITATION COUNSELOR  
SEMINAR ON PULMONARY REHABILITATION

Instructor: Ben V. Branscomb, M.D.

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide a comprehensive introduction to chronic pulmonary diseases and the medical vocational problems.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 1 day; March 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Assoc. Proj. Dir.  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

434 VOCATIONAL REHABILITATION COUNSELORS  
SEMINAR ON CARDIOVASCULAR PROBLEMS

Instructor: Dr. Donald Patrick, Coordinator

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide an introduction to the medical and rehabilitation problems of a cardiovascular rehabilitation program.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; February 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Associate Project Director  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

435 VOCATIONAL REHABILITATION COUNSELORS  
SEMINAR ON PROSTHETICS AND ORTHOTICS

Instructors: Chestley Yelton, M.D.; Jerry Casson, C.P.; George H. Traugh, M.D.; Steve Mullins, C.O.

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide an introduction to prosthetics and orthotics and recent innovations in these areas including surgery, fitting devices, and their functions.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Not Available

242

RT-19

245

Schedule: Short-term; 8 hours per day for 1 day; November 1972

For Registration or Additional Information write to:  
Dr. Donald Patrick, Assoc. Proj. Dir.  
University of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

436 VOCATIONAL REHABILITATION SEMINAR ON  
DRUG ABUSE

Instructors: Joseph Sapira, M.D., Psychiatry; Dr. Donald Patrick,  
Rehabilitation Counseling; Earl Morgan, District  
Attorney

For: Vocational Rehabilitation Counselors

Description and Objectives:

To deal with medical, psychological, legal and vocational  
aspects of the problems of drug abuse. The program is designed  
as an orientation experience for counselors working with  
general case loads.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; January 1973

For Registration or Additional Information write to:  
Dr. Donald Patrick, Assoc. Proj. Dir.  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

437 VOCATIONAL REHABILITATION COUNSELOR  
SEMINAR ON GASTRO-INTESTINAL DISORDERS

Instructor: Dr. Basil Hirschowitz

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide an overview to the medical and vocational problems  
relating to gastro-intestinal disorders and the problems of total  
rehabilitation in dealing with these clients.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic  
Credit Not Available

Schedule: Short-term; 8 hours per day for 1 days; April 1973

For Registration or Additional Information write to:  
Dr. Donald Patrick, Associate Proj. Dir.  
Univ. of Ala. in Birmingham  
University Station  
Birmingham, Alabama 35294

438 EXPERIENTIAL PROGRAM IN HEALTH CAREERS  
FOR UNDERGRADUATE STUDENTS

243

246

RT-19

Instructors: Donald Patrick, Ph.D.; entire Spain Center Staff

For: Undergraduate Students, Birmingham Southern College

**Description and Objectives:**

To provide a work-oriented experience in health-related careers for undergraduate students at Birmingham Southern College. The five-week experience is an integral part of the recently revised curriculum at the college. Each student completes a project or paper appropriate to his or her area of primary assignment. The college grants six quarter hours credit for the experience.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 23 days; January 4, 1973 to February 4, 1973

For Registration or Additional Information write to:  
Donald Patrick, Ph.D., Assoc. Proj. Dir.  
Rehabilitation R&T Center, UAB  
University Station  
Birmingham, Alabama 35294

**439 SUMMER EMPLOYMENT PROGRAM FOR ECONOMICALLY DISADVANTAGED AND DISABLED YOUTH**

Instructors: Donald Patrick, Ph.D.; Other Center Staff

For: Disabled and Disadvantaged Youth

**Description and Objectives:**

To provide a work experience for disadvantaged and disabled youth to (1) enable them to earn money during the summer months, (2) to provide a demonstration of health careers for recruitment purposes, and (3) to provide meaningful work for the experience. Substantial orientation to health careers and individual counseling are included.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 50 days; June 4, 1973 to August 1973

For Registration or Additional Information write to:  
Donald Patrick, Ph.D., Assoc. Proj. Dir.  
Rehabilitation R&T Center, UAB  
University Station  
Birmingham, Alabama 35294

**440 REHABILITATION OF THE STROKE PATIENT FOR ALLIED HEALTH PERSONNEL**

Instructors: John M. Miller III, M.D., Psychiatrist; other Staff of Spain Center; Staff of local rehabilitation services throughout the state

244

RT-19

247

**For:** Allied Health Personnel of Small Community Hospitals  
and Rehabilitation Centers

**Description and Objectives:**

To provide training and latest rehabilitation techniques and management of patients with cerebral vascular accidents. Sessions will be conducted in each of the seven major rehabilitation facilities in the state thus affording more cooperative effort in integration of acute and long-term care at the local level. This is a cooperative effort with the Alabama Regional Medical Program.

**Maximum Enrollment:** 100; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day for 2 days; dates to be arranged

**For Registration or Additional Information write to:**

John M. Miller III, M.D.  
Project Director, RT-19, UAB  
University Station  
Birmingham, Alabama 35294

245

## RT-20

## Northwestern University

## 441 PEDIATRIC REHABILITATION

Instructor: Harriet Gillette, M.D.

For: Northwestern University Senior Medical Students

## Description and Objectives:

Prerequisite, completion of clinical clerkship in pediatrics. Full-time experience participating in clinical care of children with physical disabilities, includes related lectures, and exposure to services provided by allied health professionals (Speech Pathology, Physical Therapy, Therapeutic Recreation, etc.).

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 7½ hours per day for 5 days; Fall, Winter, Spring, Summer Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Dir. of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

## 442 REHABILITATION RESEARCH

Instructor: Byron B. Hamilton

For: Northwestern University Senior Medical Students

## Description and Objectives:

Basic or clinical experience in Rehabilitation Research. The unanswered questions and problems in Rehabilitation Medicine, a rapidly developing major discipline of medicine involving all of the medical specialties, are real and difficult. Investigations deal with human dysfunction at all levels of biologic organization: molecular, cellular, organic and psychosocial.

Experience will include problem definition, experimental design, use of laboratory and/or clinical resources necessary to answer your questions, and communication of your observations.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 5 days; Fall, Winter, Spring, and Summer Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20

246

250

RT-20

Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

443 REHABILITATION ASPECTS OF NEUROLOGICAL  
DISEASE

Instructor: Vinod Sahgal, M.D.

For: Northwestern University Senior Medical Students

**Description and Objectives:**

Lecture survey and clinical exposure to the problems of the patient with neurological disease, with emphasis on the patient who has suffered a cerebral vascular incident. The neurological evaluation, patient management, and rehabilitation potential of patients are explored. Prerequisite, clinical, clerkship in neurology.

Maximum Enrollment: 10; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: 3 hours weekly; Winter, Spring Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

444 REHABILITATION ASPECTS OF THE AMPUTEE

Instructor: Edward McCarron, M.D.

For: Northwestern University Senior Medical Students

**Description and Objectives:**

Lecture survey and clinical exposure to the problems of amputees and their management. This includes patient evaluation, trial prescription of prostheses, opportunity to observe prosthetic construction, and examine prosthetic components, observation of possible conditioning and training in use of both upper and lower extremity prostheses.

Maximum Enrollment: 10; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: 3 hours weekly; Fall, Winter Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

445 SENIOR LECTURE SERIES

247

RT-20

251

Instructors: Faculty Department of Rehabilitation Medicine (Don A. Olson, Ph.D.)

For: Northwestern University Senior Medical Students

**Description and Objectives:**

Survey of the field of rehabilitation medicine, including lectures as follows: Tour of Institute Orientation to Rehabilitation Institute of Chicago; Orientation to Rehabilitation Medicine; Pediatric Rehabilitation; Psychology of Disability; Cerebrovascular Problems; Introduction to Electrodiagnosis; Team Approach to Comprehensive Medical Care; Prosthetics and Orthotics; Comprehensive Approach to Rheumatoid Arthritis; Therapeutic Exercise—Amputees; The Spinal Cord Patient.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 1 hour weekly; Fall Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

**446 PSYCHIATRIC IMPLICATION OF REHABILITATION**

Instructor: Meyer Gunther, M.D.

For: Northwestern University Senior Medical Students

**Description and Objectives:**

Problems of the patient-doctor relationship with the patient with chronic medical disabilities are explored in lecture and clinical settings.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 1½ hours weekly; Winter Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

**447 REHABILITATION ASPECTS OF SPINAL CORD INJURY**

Instructor: Joel Rosen, M.D.

For: Northwestern University Senior Medical Students

**Description and Objectives:**

Lecture survey and clinical exposure to the problems and

248

252

RT-20

management of the spinal cord patient. Patient evaluation, medical complications, and rehabilitation potential of this patient population are explored with acute and chronic spinal cord injury patients.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 3 hours weekly; Winter, Spring Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

448        **ELECTIVE CLERKSHIP IN REHABILITATION  
MEDICINE**

Instructor: Don A. Olson, Ph.D.

For:        Northwestern University Senior Medical Students

Description and Objectives:

Full-time experience participating in clinical care of rehabilitation patients, participation in research, related lectures and allied health professions activities.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 7½ hours per day for 5 days; Fall, Winter, Spring Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

449        **REHABILITATION ASPECTS OF RHEUMATOLOGY**

Instructor: Frank Schmidt, M.D.

For:        Northwestern University Senior Medical Students

Description and Objectives:

Practical aspects of delivering comprehensive care and rehabilitation services to the patient with arthritis.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 5 hours per day for 4 days; Fall, Winter, Spring and Summer Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20

249



RT-20

253

Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

450 INTRODUCTION TO ALLIED HEALTH PROFESSIONS

Instructor: Don A. Olson, Ph.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

Survey of the allied health professions including speech pathology, physical therapy, occupational therapy, therapeutic recreation, social service, psychology, nursing and vocational counseling, in a lecture practicum setting dealing with physically handicapped children and adults. The role of the physician and leadership abilities necessary for effective relations with allied health professionals is explored.

Maximum Enrollment: 10; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: 3 hours weekly; Fall, Winter, Spring Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

451 ADMINISTRATIVE ASPECTS OF REHABILITATION MEDICINE

Instructor: Henry B. Betts, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

Course includes analysis of administrative and creative traits necessary for medical leadership including discussion of interdepartmental and interdisciplinary problem-solving techniques. Designed for the medical student who desires an administrative leadership role.

Maximum Enrollment: 10; Outside Applicants Not Accepted;  
Academic Credit Available

Schedule: 3 hours weekly; Winter, Spring Quarter

For Registration or Additional Information write to:

Henry B. Betts, M.D.  
Chairman, Dept. of Rehabilitation Medicine  
Northwestern University Medical School  
401 East Ohio Street  
Chicago, Illinois 60611

250

254

RT-20

452 INTRODUCTION TO ELECTRODIAGNOSTIC PROCEDURES

Instructors: Joel Rosen, M.D.; Joseph Stratigos, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

The physiologic functions that can be measured by electrodiagnosis are explored, experience and observation of clinical techniques on normal subjects and acute and chronic patients with a wide variety of neuromuscular disorders are included.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 2 hours per day for 2 days weekly; Fall and Winter Quarters

For Registration or Additional Information write to:

Dr. Henry B. Betts  
Chairman, Dept. of Rehabilitation Medicine  
Northwestern University Medical School  
401 East Ohio Street  
Chicago, Illinois 60611

453 COMMUNICATION PROBLEMS OF BRAIN DAMAGED ADULTS

Instructors: Dr. Bruce R. Porch, University of New Mexico, and Staff Department of Speech Pathology, Rehabilitation Institute of Chicago

For: Speech Pathologists

Description and Objectives:

A short-term training program will concentrate on the philosophy, development and use of the PICA Tests for measuring aphasia in adults. A review of current testing procedures for adult aphasia and brain-damaged adults as well as presentation of current research in adult aphasia will be incorporated in the course.

Maximum Enrollment: 40; Outside Applicants Accepted; Academic Credit

Schedule: Short-term; 7 hours per day for 2 days; October 13 and 14, 1972

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
401 East Ohio Street  
Chicago, Illinois 60611

454 MEDICINE FOR THE PHYSIATRIST

Instructors: Faculty, Department of Rehabilitation Medicine and Department of Medicine, Northwestern University Medical School

RT-20

255

For: Psychiatrists in Practice

**Description and Objectives:**

Course presents recent advances in diagnosis, therapy, and management of pulmonary disease, cardiac problems, metabolic and endocrine disease, arthritis and collagen diseases, renal failure, and acute and chronic allergy, and dermatology.

Maximum Enrollment: 125; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; May 10 and 11, 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

455 ACCESS CHICAGO: TOWARD A BARRIER-FREE ENVIRONMENT

Instructors: Panel of distinguished legislators, architects and community planners as well as consumers

For: Legislators, Architects, City Planners, Employers, Contractors, Social Service Agencies, Transportation Officials, and Owners of Major Public Buildings

**Description and Objectives:**

One-day conference designed to emphasize the transportation problems of the mobility limited. Sessions will deal with architectural barriers, legislation, employment, transportation, and recreation.

ACCESS CHICAGO seeks to develop a greater public awareness and understanding of the problem and to identify problem situations in the Chicago area. Following the conference, ACCESS CHICAGO will continue to work with interested parties in the community to eliminate barriers of all kinds for the handicapped and the elderly.

Maximum Enrollment: 300; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; December 4, 1972

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

456 SOCIALIZATION IN THE DISABILITY PROCESS

Instructors: Gary L. Albrecht, Ph.D., RT-20; other RT-20 Faculty; Richard T. Smith, Ph.D., John Hopkins University

252

256

RT-20

**For:** Ph.D.'s in Sociology, Psychology and other professions  
in the socialization and rehabilitation fields.

**Description and Objectives:**

The conference addresses itself to the fact of disability and its consequences. The topics to be covered include socialization of the disabled from a reinforcement-learning theory point of view, the effect of institutional expectations on the disabled, the redefinition of familial roles as a result of disability, socialization of the disabled into new occupational roles, opportunity structures for the disabled, maintenance of the disabled in the community, and coping and adaptation in the disability process.

**Maximum Enrollment:** 50-75; **Outside Applicants Accepted;**  
**Academic Credit Not Available**

**Schedule:** Short-term; 8-10 hours per day for 2 days; February (to be scheduled)

**For Registration or Additional Information write to:**

Dr. Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

**457 CAREERS IN REHABILITATION**

**Instructors:** Don A. Olson, Ph.D.; Janet Taylor; Gladys Croom

**For:** High School Students

**Description and Objectives:**

A continuing program to introduce rehabilitation careers to high school students. In cooperation with area high schools, students are brought to the Institute for initial orientation and counseling. The counseling is followed by an eight-week work-study program in a department of the student's interest.

**Maximum Enrollment:** 70; **Outside Applicants Accepted; Academic Credit Not Available**

**Schedule:** Long-term; 7 hours per day for 5 days; June 25, 1973 to August 30, 1973

**For Registration or Additional Information write to:**

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

**458 ORTHOTICS FOR OCCUPATIONAL THERAPISTS**

**Instructors:** Mrs. Ruth Ann Watkins, O.T.R.; the professional staff in Occupational Therapy; Northwestern University's Orthotics Department; Guest Lecturer

**For:** Registered Occupational Therapists from the Northwestern University Medical Complex

RT-20

257

**Description and Objectives:**

To develop proficiency in the application and principles of orthotics utilizing a variety of materials.

**Maximum Enrollment:** 12-15; Outside Applicants Not Accepted; Academic Credit Not Available

**Schedule:** Short-term; 4 hours per day for 5 days; April 1973 to May 1973

**For Registration or Additional Information write to:**

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

**459 SYSTEMATIC APPROACH TO THE UTILIZATION OF OCCUPATIONAL THERAPY PROGRAM AND STAFF**

**Instructors:** Miss Shirley Zurchauer, O.T.R.; Research and Training Center Staff

**For:** Hospital and Agency Administrators and Personnel Officers

**Description and Objectives:**

To familiarize administrators and personnel officers in how to plan, finance, and evaluate occupational therapy programs and staff.

**Design:** One-day workshops to be conducted at the Rehabilitation Institute of Chicago, Central Illinois, and Southern Illinois

**Maximum Enrollment:** 12-15 per session; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 8 hours per day for 1 day; June 1973 to August 1973

**For Registration or Additional Information write to:**

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

**460 CLINICAL TRAINING FOR OCCUPATIONAL THERAPY ASSISTANTS**

**Instructors:** Miss Frances Rizzo, O.T.R.; Professional Staff in Occupational Therapy

**For:** Students enrolled in approved occupational therapy assistants curricula

**Description and Objectives:**

1. To provide students in occupational therapy assistants

254

- curriculum with a clinical experience in the treatment of physical dysfunction to fulfill academic requirements;
2. To familiarize them with the physical, social, and psychological aspects of physical dysfunctional disorders;
  3. To provide specific information regarding occupational therapy modalities and their relationship to treatment processes, and
  4. To experience responsibilities in assisting with the planning of treatment programs and treatment of patients under the direction of a registered occupational therapist.

Maximum Enrollment: 2 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 20 days; September 1972 to February 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
 Director of Training, RT-20  
 Rehabilitation Institute of Chicago  
 401 East Ohio Street  
 Chicago, Illinois 60611

#### 461 CLINICAL AFFILIATION IN OCCUPATIONAL THERAPY

Instructors: Miss Barbara Zeller, O.T.R.; Professional Staff in Occupational Therapy

For: Students enrolled in accredited Occupational Therapy Curricula

#### Description and Objectives:

1. To provide students in occupational therapy curriculum with a clinical experience in the treatment of physical dysfunction to fulfill academic requirements;
2. To familiarize them with the physical, social, psychological, and medical aspects of physical dysfunctional disorders;
3. To provide specific information regarding methods of evaluating the effects and functional limitations of dysfunctional conditions;
4. To provide a program which is planned to give the students the ability to apply theoretical knowledge appropriately in clinical situations; and
5. To increase independence in the planning of treatment programs and in patient treatment in the area of physical disabilities.

Maximum Enrollment: 4-6 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 65 days; September 1972 to August 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
 Director of Training, RT-20  
 Rehabilitation Institute of Chicago  
 401 East Ohio Street  
 Chicago, Illinois 60611

255

RT-20

259

462 UTILIZATION OF SUPPORTIVE PERSONNEL

Instructors: Miss Shirley Zurchauer, O.T.R.; and designated personnel

For: Heads of Occupational Therapy Departments

Description and Objectives:

Objectives:

1. To increase knowledge and understanding of the relationship of professional and technical personnel in the delivery of treatment service, the hierarchy of skills, relative responsibility;
2. To increase knowledge and understanding of the principles of personnel utilization;
3. To increase knowledge and understanding of the principles of the supervisory process—OTR vs COTA—in both intramural and extramural settings.

Designs:

1. Seminar Approach: Conducted at the Rehabilitation Institute of Chicago, one-half day each week for eight consecutive weeks (offered twice).
2. Workshop Approach: Conducted in Central Illinois on two consecutive days.
3. Workshop Approach: Conducted in Southern Illinois on two consecutive days.

Maximum Enrollment: 20-25 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; October 1972 to May 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

463 CONTINUING EDUCATION FOR CERTIFIED OCCUPATIONAL THERAPY ASSISTANT

Instructors: Miss Shirley Zurchauer, O.T.R.; Rehabilitation Institute of Chicago Staff

For: Certified Occupational Therapy Assistants

Description and Objectives:

To relate to the special needs of occupational therapy assistants and to provide an experiential avenue for the upgrading of technical skills and treatment modalities.

One-day workshops to be conducted at the Rehabilitation Institute of Chicago, Central Illinois and Southern Illinois.

Maximum Enrollment: 12-15 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; December 1972 to May 1973

For Registration or Additional Information write to:

256

260

RT-20

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

464 PRECLINICAL AFFILIATION IN OCCUPATIONAL THERAPY

Instructors: Miss Barbara Zeller, O.T.R.; Professional Staff in Occupational Therapy

For: Phase III Students from the University of Illinois, Curriculum in Occupational Therapy

Description and Objectives:

The primary objective is to give the student an opportunity to observe occupational therapy in practice and to provide the student with a treatment experience. The case study model is utilized for the learning process.

Maximum Enrollment: 2 per session; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 30 days; January 1973 to April 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

465 PHYSICAL THERAPY ASSISTANT

Instructors: Els Minnigh, R.P.T.; Staff Central YMCA Community College and Rehabilitation Institute of Chicago

For: Students interested in A.A. Degree and completion of requirements to be Physical Therapy Assistants

Description and Objectives:

A two-year junior college program in cooperation with RT-20 and the Rehabilitation Institute of Chicago leads to the completion of course work and clinical requirements to prepare the student to become a physical therapy assistant.

Maximum Enrollment: 15 yearly; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; full-time academic program—2 years

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

557



RT-20

261

466 RESIDENCY TRAINING IN REHABILITATION  
MEDICINE

Instructors: Faculty Northwestern University Medical School

For: Physicians

Description and Objectives:

Rehabilitation medicine residency Northwestern University approved 3-year program. Comprehensive training in care of children and adults, rotation through large rehabilitation institute, two general hospitals and VA hospital. Weekly basic science and clinical lectures, specialty conferences, clinics (in- and outpatient conferences, rounds, seminars and laboratory). Special courses include: electromyography, orthotics, and prosthetics. Active research program. First-year stipend \$11,500, \$500 annual increases, free benefit program includes immediate maternity coverage for spouse. May incorporate internship requirements into residency training program to complete the requirements for Board eligibility 3 years after medical school graduation. Possibility of partial credit subject to Board approval, for those with a year of internship.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Full-time; July 1 to June 30

For Registration or Additional Information write to:

Henry B. Betts, M.D.  
Chairman, Dept. of Rehabilitation Medicine  
Northwestern University  
Rehabilitation Institute of Chicago  
Box A, 401 East Ohio Street  
Chicago, Illinois 60611

467 CLINICAL PRACTICUM IN PHYSICAL THERAPY

Instructors: Hildegard Myers; Staff Rehabilitation Institute of Chicago

For: Physical Therapists completing their training and needing clinical experience

Description and Objectives:

A four-week intensive practicum with supervision for physical therapy students. The program provides practical experience in physical therapy management of the physically disabled.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7½ hours per day for 5 days; monthly, 12 months of year

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

258

262

RT-20

468           **ORIENTATION TO REHABILITATION FOR INSURANCE CLAIM ADJUSTERS**

Instructors:   Henry B. Betts, M.D.; Faculty Department of Rehabilitation Medicine

For:            Insurance Claim Adjusters

**Description and Objectives:**

The purpose of the course is to describe the benefits of rehabilitation to the patient, society, and the insurance industry. The course provides the insurance claim adjuster with examples of patient management and the role of the insurance claim adjuster on the rehabilitation team.

Maximum Enrollment: 20 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; November 9, 1972, February 8, 1973 and April 4, 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

469           **REHABILITATION NURSING**

Instructors:   Nancy Martin; Staff Rehabilitation Institute of Chicago

For:            Nurses in General Hospitals

**Description and Objectives:**

A one-day orientation to rehabilitation nursing with special emphasis on the concept of the nurse as a therapist. The team approach to patient management is demonstrated and special technique of the rehabilitation nurse reviewed.

Maximum Enrollment: 25 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; scheduled at convenience of interested regional hospital nursing staffs

For Registration or Additional Information write to:

Don A. Olson, Ph.D.  
Director of Training, RT-20  
Rehabilitation Institute of Chicago  
401 East Ohio Street  
Chicago, Illinois 60611

259

## RT-21

## Texas Tech University

**470 SPECIAL PROBLEMS ASSOCIATED WITH COMMUNITY ADJUSTMENT OF THE MULTIPLY HANDICAPPED****Instructor:** Not Yet Selected**For:** State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped**Description and Objectives:**

The retarded person with a motor or sensory handicap faces tremendous burdens in achieving successful community adjustment. Special considerations of training, architecture, adaptations of equipment and resources will be covered.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

**Maximum Enrollment:** 25; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 7 hours per day for 3 days; sometime between September 1972 to March 1973

**For Registration or Additional Information write to:**

Dr. Gerard J. Bensberg, Director  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409

**471 STRUCTURED AND UNSTRUCTURED EMPLOYMENT OPPORTUNITIES FOR THE RETARDED****Instructor:** Not Yet Selected**For:** State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped**Description and Objectives:**

The area of work will be explored from various orientations. Use of task analysis and reinforcement in preparing the severely retarded for productive employment as well as employment opportunities in rural-urban and structured and competitive employment will be covered.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

264

RT-21

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:

Dr. Gerard J. Bensberg, Director  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409

472

TEACHING SOCIAL SKILLS AND ASSISTING IN THE SOCIAL ADJUSTMENT OF THE RETARDED IN REHABILITATION

Instructor: Not Yet Selected

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

Description and Objectives:

Structured programs for assisting the retarded to become socially adequate will be presented. Factors relating to impulse control and social appropriateness of the mildly retarded as well as elimination of bizarre behaviors among the severely retarded will be covered.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:

Dr. Gerard J. Bensberg, Director  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409

473

GUARDIANSHIP, ADVOCACY AND PROTECTORSHIP

Instructor: Dr. Elsie Helsel and others

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

Description and Objectives:

Two areas of protecting the rights of the retarded as well as providing needed guardianship services will be explored. Various

patterns, approaches and special problems will be discussed. State and Federal laws, agency policies and guidelines will be studied.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:

Dr. Gerard J. Bensberg, Director  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409

**474 COMMUNITY RESIDENTIAL SERVICES AS AN AID TO REHABILITATION OF THE RETARDED**

Instructors: Dr. John Gladden; Dr. A. Z. Soforenko

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

**Description and Objectives:**

Group homes, foster homes, supervised apartments and condominiums are being used increasingly as a mechanism for helping to return the retarded to the community from a state institution or to maintain a marginal person in the community. This conference seeks to present information on such factors as staffing patterns, training of staff, problems with zoning, architecture and building codes. In addition to formal presentations by the faculty, the participants will share their experiences with the group.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:

Dr. Gerard J. Bensberg, Director  
R&T Center in Mental Retardation  
Texas Tech University  
P.O. Box 4510  
Lubbock, Texas 79409

**475 TRAINING THE MENTALLY RETARDED FOR SERVICE JOBS IN THE COMMUNITY**

Instructors: Texas Tech University Faculty from the schools of

Home Economics, Industrial Engineering, the Research and Training Center, and the Department of Psychology

**For:** This training institute is intended for vocational rehabilitation counselors from Federal Region VI. Participating counselors will be selected and designated by the directors of training of the respective states of Region VI.

**Description and Objectives:**

The purpose of this institute is to assist the vocational rehabilitation counselors in utilizing new or different techniques as well as community available techniques and resources in the preparation of mentally retarded individuals to work in service jobs such as hotel-motel custodial and food preparation job stations. The results, findings and techniques of a training manual for supervisors of hotel-motel trainers which was prepared by Dr. Sitton and sponsored by the Research and Training Center in Mental Retardation at Lubbock will be reviewed. Procedures for identifying strengths and weaknesses in the possible placement outcomes for mentally retarded individuals in service areas as described above will be reviewed.

Faculty from the College of Industrial Engineering will review the physical demands and requirements of these job settings and suggest possible ways in identifying physical stress factors which may give rise to or precipitate employment problems on these kinds of jobs for the mentally retarded.

**Maximum Enrollment:** —; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; specific dates to be designated on July 17th by training advisory group composed of directors of training from Region VI states

**For Registration or Additional Information write to:**

Dr. Gerard J. Bensberg, Director — or  
Dr. Richard G. Benton, Coordinator of Research  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409

**476 CONTINUING EDUCATION AND PLANNING INSTITUTE**

**Instructors:** The Director of the Research and Training Center and the Coordinator of Research as well as Texas Tech University Faculty from the departments of Psychology, Industrial Engineering, Special Education, and the Dean of the School of Home Economics

**For:** This institute is designed and intended to bring together the directors of training of the various and respective state agencies of Region VI. Specifically, the Vocational Rehabilitation agencies and agencies for the blind.

**Description and Objectives:**

The objective of this institute is to bring together the directors of the various rehabilitative agencies of the states in Region VI

and develop an integrated, continuing education framework and plan that will be relevant to the expressed needs of the agencies in this region. The Texas Tech University faculty and the Research and Training Center staff will act as facilitators and coordinators of the sessions. The purpose of this planning institute is to delineate ways in which the Research and Training Center in Mental Retardation can best bring to bear, together with the faculty and facilities of Texas Tech University, effort, knowledge and expertise to problems relevant and expressed by the participants. Thus, it is anticipated that a consistent accountable and relevant format of activities can be developed for the coming years in which the Research and Training Center in Mental Retardation can best apply manpower efforts in order to address problems and needs of priority for Federal Region VI in the area of mental retardation.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; July 17, 1972 to July 18, 1972

For Registration or Additional Information write to:

Dr. Gerard J. Bensberg, Director  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409

477 CONTACT AND COMMUNICATION WITH THE DEAF MENTALLY RETARDED

Instructors: Texas Tech University Faculty

For: Rehabilitation Counselors in Federal Region VI who will be suggested for participation and attendance by the director of training of the respective states

Description and Objectives:

The purpose of this training institute will be to bring to bear new information in the area of deaf mentally retarded. The institute will attempt to present such information in such a way that counselors and rehabilitation persons working in this area will be able to make use of it. It is expected that Texas Tech University faculty—especially Special Education and Psychology will participate and serve as instructors.

The objectives of the short-term training institute will be to review the current techniques, methods and problem areas in the counselor-client relationship. Moreover, there will be a discussion of counselor needs in special problems which have been encountered in dealing with deaf mentally retarded clients. Possible solutions will be explored by the group and recommendations made.

Maximum Enrollment: 16; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and June 1973

For Registration or Additional Information write to:  
Drs. Gerard J. Bensberg, Director and  
Richard G. Benton, Coordinator of Research  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409

**478 WORK EVALUATION ASSESSMENT AND MONITORING THE PERFORMANCE OF THE MENTALLY RETARDED**

**Instructors:** Texas Tech University Faculty from the departments of Psychology, Industrial Engineering, Special Education and the Research and Training Center

**For:** Rehabilitation Counselors from Federal Region VI. Participating counselors will be selected and designated by the directors of training of the respective states of Region VI

**Description and Objectives:**

The purpose of this institute will be to present vocational rehabilitation counselors and other rehabilitation consumers with a review of techniques and approaches as well as methodologies currently being used in the vocational evaluation and work assessment of mentally retarded clients. The merits and weaknesses of each technique and methodology will be outlined and assessed. The institute instructors will suggest several possible ways for counselors to review and evaluate work evaluation reports as well as suggest alternative means of obtaining information which will yield predictive information on employability success. Psychological, physical and work station configuration will be discussed by Psychology and Industrial Engineering faculty in an effort to delineate potential problem areas which may be encountered when placing mentally retarded clients in specific job areas.

**Maximum Enrollment:** 16; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 7 hours per day for 3 days; Sometime between September 1972 and March 1973

For Registration or Additional Information write to:  
Drs. Gerard J. Bensberg, Director, and  
Richard G. Benton, Coordinator of Research  
R&T Center in Mental Retardation  
P.O. Box 4510  
Texas Tech University  
Lubbock, Texas 79409



## RT-22

University of Wisconsin-Stout

## 479 WORKSHOPS IN WORK EVALUATION

**Instructors:** Training Staff of Research and Training Center and selected staff of the Department of Rehabilitation and Manpower Services, University of Wisconsin-Stout

**For:** Work Evaluators with limited experience and training who have been recommended by their state facilities specialists, attendance of a complete section

**Description and Objectives:**

The series of workshops in Work Evaluation is intended to meet the need for in-depth training of work evaluators employed in a variety of rehabilitation settings. Participants attending the complete series of workshops will master a range of knowledge and skills related to the functioning of the work evaluator, beginning at the introductory level and progressing through to an advanced level of complexity. The training schedule provides an opportunity for the participant to apply the knowledge and skills learned in each training session to the situation in his own facility and to receive advice and feedback from the training staff of the Short-term Training Program when he returns for the next training session.

Basic Work Evaluation (5 days). An introductory survey of the theory and methods of work evaluation, with emphasis on practical applications such as individualized planning of evaluation, selection of evaluation techniques, and observation of work performance and behavior. Supervised practicum experience will be included.

Methods of Work Evaluation (5 days). An analysis of the methods of work evaluation, emphasizing the use of information obtained from work samples, job stations, and psychometric testing in work evaluation. A supervised practicum in the use of common psychometric tests used in work evaluation and standard work samples batteries.

Development of Work Samples (5 days). The development and standardization of work samples, emphasizing the use of job analysis and the Dictionary of Occupational Titles, along with methods of construction, statistics, and manual writing. Participants will be expected to develop a work samples or situational assessment procedure for the final workshop.

Utilization of Work Evaluation (5 days). Work evaluation procedures developed by the participants will be reviewed. The various applications of work evaluation results will be covered, with an emphasis upon the use of work evaluation in planning work adjustment programs for clients.

**Maximum Enrollment:** 24 per section; Outside Applicants Accepted; Academic Credit Not Available

**Schedule:** Short-term; 20 days; Basic Work Evaluation: Section I - Oct. 22-27 and Section II - Nov. 12-17; Methods of Work Evaluation: Section I - Dec. 3-8 and Section II Jan. 7-12; Development of Work Samples: Section I - Jan. 21-26 and Section II

270

RT-22

— Feb. 18-23; Utilization of Work Evaluation: Section I — Mar. 11-16 and Section II — Apr. 8-13

For Registration or Additional Information write to:

Dr. David Corthell  
Acting Training Director  
Research and Training Center  
Department of Rehabilitation and Manpower Services  
University of Wisconsin-Stout  
Menomonie, Wisconsin 54751

PERMUTED TITLE INDEX

A graduate program of multidisciplinary training in the	381
A systematic approach for developing and implementing i	318
Access Chicago: Toward a barrier-free environment	455
adjustment and vocational training program/Work	164
adjustment of the amputee/Psychodynamics influencing th	120
adjustment of the multiply handicapped/Special problems	470
adjustment of the retarded in rehabilitation/Teaching s	472
administration and research)/Practicums (in physical th	134
administration for health care administration students/	263
administration in nursing homes/Nursing	083
administration, physical therapy program, division of a	156
Administrative aspects of rehabilitation medicine/	451
adolescent psychiatry for vocational counselor/Training	258
adolescents and adults/Counseling techniques with retar	310
adult community residents/Orientation to medical proble	249
adults/Communication problems of brain damaged	453
adults/Counseling techniques with retarded adolescents	310
Advanced animal technician training - Cheltenham High S	247
advanced clinical practicum in speech pathology and aud	031
Advanced psychosocial counseling workshop/	335
Advanced techniques of communicating with deaf persons/	379
advocacy and protectorship/Guardianship,	473
advocate program/Patient	240
Affiliation program for undergraduate occupational ther	012
aged/One day seminar: dentistry for the chronically ill	253
aide course/Nurse	125
aide-in-service/Physical therapy	027
aide training/Physical therapy	145
aide training program/Fall River health	192
alcoholism/Clinical aspects of	270
allied health professions/Introduction to	450
amputation, current prosthetic concepts/Symposium on p	239
Amputee clinic/	280
amputee clinic/Geriatric	141
amputee/Psychodynamics influencing the adjustment of th	120
amputee/Rehabilitation aspects of the	444
An approach to integration of social and rehabilitative	336
An introduction to physical, intellectual and emotional	313
anatomy lectures/Kinesiology and	171
Animal technician training at Simon Gratz High School/	248
animal technician training - Cheltenham High School/Adv	247
animal technician training/Workshop for	236
Annual Arkansas rehabilitation research and training ce	324
Annual short course in pediatric habilitation/	058
(aphasia)/Speech pathology of the organically handicapp	049
Aphasia study group/	221
Applied rehabilitation/	167
Applied physiology/	205
approach to integration of social and rehabilitative se	336
Arkansas rehabilitation research and training center re	324
Art and science of teaching/	353

arterial disease: diagnosis, medical and surgical treat	239
Arthritis seminar/	157
assessment in rehabilitation psychology/Institute on	212
assessment/Strategies in functional	187
assistant/Clinical training for occupational therapy	460
assistant/Continuing education for certified occupation	463
assistant/Inservice for physical therapists and physica	414
assistant/Physical therapy	465
assistant students/Clinical affiliation for physical th	416
assistants teaching/Physicians	404
assistantships with research and training center/Gradua	339
asthma patients/Group therapy for psychogenic	256
attendant inservice training/Physical therapy	417
Audiologists clinical education/	210
audiology/Advanced clinical practicum in speech patholo	031
Audio-visual aids to instruction on a limited budget/	349
audio-visual orientation programs for vocational rehabi	354
audio-visual presentation/Basic techniques of designing	357
barrier-free environment/Access Chicago: Toward a	455
Basic concepts of EMG and NCV as they relate to other m	230
Basic electronics and instrumentation/	163
Basic orientation for new employees/	123
Basic sciences - otolaryngology/	189
Basic techniques of designing materials for audio-visua	357
behavioral deficits as a rehabilitation tool/The modifi	311
Behavior modification as a rehabilitation tool/	362
behavior/Neuropsychology of	014
behavioral approach for state training officers and loc	352
behavioral approach/Helping: A	348
Behavioral therapy for obese females/	286
bioelectricity for physical medicine residents/Biomecha	243
bioengineering, neurophysiology, psychophysiology and c	223
biokinetics laboratory research/Theory and practice:	235
Biomechanics and bioelectricity for physical medicine r	243
biomechanics, bracing and prosthetics/Principles of	290
biomechanics/Clinical	060
biomechanics/Graduate training in occupational	061
biomechanics/In-service training in	062
biomechanics/Multi-disciplinary summer school in	063
birth defect and clinical management of the problems/Th	059
bone/Physiology of skeletal muscle and	302
bracing and prosthetics/Principles of biomechanics,	290
brain damaged adults/Communication problems of	453
brain damaged persons/Remedial techniques for cognitive	015
brain pathology/Diagnostic practicum for doctoral stude	215
breathing exercises & postural drainage for inhalation	138
budget/Audio-visual aids to instruction on a limited	349
Cardiac rehabilitation clinic/	143
Cardiac rehabilitation rounds/	144
cardiovascular problems/Vocational rehabilitation couns	434
Careers in rehabilitation/	457
cerebral dysfunction/Neuro-developmental techniques in	413
cerebral localization of blood flow/Medical student tra	006
cerebral palsy/Course in management of	076
change/The trainer as an agent of	356
Chest physiotherapy - techniques & principles of breath	138
child with spina bifida: the birth defect and clinical	059

children in Fairfax County/A survey course for teachers	266
children's clinic/Crippled	169
chronic disease/Comprehensive management of	115
chronically ill and handicapped/Dental intern training	225
chronically ill and handicapped/Senior dental student c	220
clerkship in rehabilitation medicine/Elective	448
clerkship - Introduction to hospital administration/Pre	425
clinic (a teaching program)/(1)Gait clinic (a teaching	384
clinic (a teaching program) (2) Advanced gait clinic (a	384
Clinic conference/	184
Clinical affiliation for physical therapist assistant s	416
Clinical affiliation for physical therapy students/	126
Clinical affiliation for physical therapy students/	127
Clinical affiliation for University of Alabama physical	415
Clinical affiliation in occupational therapy/	461
Clinical affiliation - occupational therapy student tra	153
Clinical affiliation program for occupational therapy s	001
Clinical affiliation program for physical therapy stude	019
Clinical aspects of alcoholism/	270
Clinical biomechanics/	060
clinical, counseling, school and research psychologists	005
Clinical education - dental assistant trainees/	195
Clinical education - dental hygiene students/	198
clinical education for physical therapists/Practicum in	018
Clinical elective (medical students on physical and reh	204
Clinical experience for physical therapy students/	389
Clinical human performance conference/	268
Clinical neurology for occupational and physical therap	386
Clinical neuropsychology - practicum/	252
Clinical orientation to physical therapy for registered	016
Clinical physical medicine and rehabilitation/	289
Clinical physiology of nerve and muscle/	387
Clinical practice and observation physical therapy/	024
Clinical practicum in physical therapy/	467
Clinical practicum in speech pathology/	048
clinical research/Workshop on principles and methods of	383
Clinical specialist program in physical therapy/	385
Clinical student observation program - speech pathology	032
Clinical training for graduate therapists and nurses/	035
Clinical training for occupational therapy assistant st	103
Clinical training for occupational therapy assistant/	460
Clinical training for occupational therapy students/	105
Clinical training in orthotics and prosthetics/	042
(clinical training)/Social work practicum	117
cognitive and perceptual difficulties in brain damaged	015
Combined clinical rotation program/	111
communicating with deaf persons/Advanced techniques of	379
communicating with deaf persons/Techniques of	370
communicating with deaf persons/Techniques of	380
communication with the deaf mentally retarded/Contact a	477
communication/Disturbances in	372
Communication problems of brain damaged adults/	453
community adjustment of the multiply handicapped/Specia	470
Community and staff conferences/	257
community counseling and referral service to serve the	328
Community health sequence/	119
Community residential services as an aid to rehabilitat	474
Community residents/Orientation to medical problems in	249
Community service programs for deaf persons	373

community/Conferences in rheumatology for the	186
community/Training the mentally retarded for service jo	475
Comprehensive management of chronic disease/	115
computer applications related to cerebral localization	006
Computer software familiarization/	165
computers/Programming of small	293
Concepts of scientific inquiry/	130
Conference in rheumatology/	183
Conference on new nursing techniques in rehabilitation/	109
conferences/Community and staff	257
Conferences in rheumatology for the community/	186
consultants of vocational rehabilitation agencies/Semin	282
Consultative-advisory services on vocational educationa	051
Consultative services/	333
Contact and communication with the deaf mentally retard	477
Continuing education and planning institute/	476
Continuing education for certified occupational therapy	463
Continuing education for counselors in the department o	259
continuing education institute of rehabilitation medici	002
Cooperative education and work program/	007
coronary disease patients and coronary prone subjects:	260
corrections/Mental retardation and	364
Correlated educational employment program for disabled	052
counseling and referral service to serve the deaf/Devel	328
counseling/Facilitative management in rehabilitative	332
counseling/Field work placement in rehabilitation	053
counseling in rehabilitation/Group	338
counseling in rehabilitation/Seminar on group	346
counseling in rehabilitation/Seminar on methods and tec	345
counseling/Internship in rehabilitation	301
counseling internship/Vocational rehabilitation	430
counseling internship with the low-achieving deaf clien	341
counseling internship with the public assistance vocati	342
counseling/1) Introduction to rehabilitation 2) Interns	390
counseling/Practicum in rehabilitation	034
counseling/Practicum in vocational rehabilitation	078
counseling practicum/Vocational rehabilitation	429
counseling psychology/Pre-doctoral internship in	300
counseling/Rehabilitation medicine for graduate student	269
counseling, school and research psychologists/Training	005
Counseling techniques with retarded adolescents and adu	310
counseling/Video tapes of group rehabilitation	224
counselor internships/Vocational	069
counseling with deaf people/Principles, techniques and	375
counseling with the deaf/Group	322
counseling workshop/Advanced psychosocial	335
counselor seminar on gastro-intestinal disorders/Vocati	437
counselor seminar on mental illness/Vocational rehabili	432
counselor seminar on pulmonary rehabilitation/Vocational	433
counselor seminar on spinal cord injury/Vocational reha	431
counselor training program/Vocational	251
counselors/Interpersonal skills workshop for rehabilita	350
counselors in the department of vocational rehabilitati	259
counselors/Orientation to mental retardation for newly	308
counselors seminar on cardiovascular problems/Vocational	434
counselors seminar on prosthetics and orthotics/Vocatio	435
counselors/Speech and hearing training program for reha	274
counselors with few deaf clients/Orientation of	369
Course in management of cerebral palsy/	076

Course in occupational therapy/	080
Course in physical therapy/	081
Course in rehabilitation of patients with chronic pulmo	008
Crippled children's clinic/	169
crisis-prognosis, grief & death/Seminar - dealing with	118
curriculum and syllabus/Musculo-skeletal systems	197
curriculum in occupational therapy/Graduate	091
curriculum in occupational therapy/Undergraduate	092
curriculum in physical therapy/Undergraduate	094
curriculum in prosthetics orthotics/Undergraduate	093
Day of reporting/	321
deaf client/Rehabilitation counseling internship with t	341
deaf clients/Orientation of counselors with few	369
dealers course/Hearing aid	190
deaf/Developing a community counseling and referral ser	328
deaf/Group counseling with the	322
deaf mentally retarded/Contact and communication with	477
deaf people/Principles, techniques and problems of psyc	375
deaf persons/Advanced techniques of communicating with	379
deaf persons/Community service programs for	373
deaf persons/Techniques of communicating with	370
deaf persons/Techniques of communicating with	380
deafness/A graduate program of multidisciplinary traini	381
deafness/Field work in	371
deafness/Field work in	374
deafness, I/Psychology of	377
deafness, II/Psychology of	378
deafness/Research in	376
death/Seminar--dealing with crisis-prognosis, grief &	118
dental assistant trainees/Clinical education--	195
dental elective/Senior	244
dental hygiene students/Clinical education--	198
Dental intern training--dentistry for the chronically i	225
dental student clerkship--dentistry for the chronically	220
dental office/Manual for managing the disabled patient	234
dental seminar/Post doctoral	419
dental student fellowship program/Summer medical and	023
dental students/Orientation in care for physically disa	041
dentistry for the chronically ill and aged/One day semi	253
dentistry for the chronically ill and handicapped pedia	245
dentists in care of the physically handicapped and the	040
Departmental observers and professional group visits	020
Developing a community counseling and referral service	328
Developing physical, intellectual and emotional life sk	320
Development of audio-visual orientation programs for vo	354
diagnosis in rehabilitation/Medical	304
diagnosis/Physical	201
Diagnostic practicum for doctoral students--assessment	215
diction/Voice and	297
Dietetic internship	418
disability process/Socialization in the	456
disability/Psychology of	426
disabled and disadvantaged/Consultative-advisory servic	051
disabled high school students/Correlated educational em	052
disabled patient in the dental office/Manual for managi	234
disabled person/Program to improve employer receptivity	073
disabled youth in rehabilitation and other health setti	285
disabled youth/Summer work study program for economical	056

disabled youth/Summer employment program for economical	439
disabled youths/Summer employment program for economica	330
disadvantaged and disabled youth in rehabilitation and	285
disadvantaged/Consultative-advisory services on vocatio	051
disadvantaged youth with college potential interested i	150
Discussion groups for staff of the department of rehabi	222
Disorders of speech I/	299
Disorders of speech II/	298
Disturbances in communication	372
doctoral students--assessment of organic brain patholog	215
Driver and traffic safety education for the physically	057
Driver training for the physically handicapped/	074
drug abuse/Vocational rehabilitation seminar on	436
Drug education/	343
Dynamics of the helping relationship/	312
Dynamics of the helping relationship/	326
Dynamics of the helping relationship/	334
Dynamics of the therapeutic relationship/	317
economically disadvantaged and disabled youth/Summer em	439
economically disadvantaged and disabled youth/Summer wo	056
economically disadvantaged and disabled youths/Summer e	330
education, administration and research)/Practicums (in	134
education and planning institute/Continuing	476
education and work program/Cooperative	007
education/Audiologists clinical	210
education--dental assistant trainees/Clinical	195
education-dental hygiene students/Clinical	198
education/Drug	343
education for certified occupational therapy assistant	463
education for counselors in the department of vocationa	259
education for occupational therapists/In-service	155
education for physical therapists/In-service	142
education for the physically handicapped/Driver and tra	057
education/Health professions	151
education/Health professions	154
education internship/Special	422
Education New York University/Program pre-physical ther	028
education, occupational therapy department/In-service c	010
education/Physical therapy clinical	194
education physical therapy dept., Institute of rehabili	026
education/Pre-clinical occupational therapy and occupat	193
education/Prosthetics and orthotics	047
education/Speech pathologists clinical	209
educational employment problems and programs for the di	051
educational employment program for disabled high school	052
Elderly feeding program/	208
Elective clerkship in rehabilitation medicine/	448
Elective course--Department of Physical Medicine/	100
Elective in rehabilitation medicine for medical residen	397
Electrical stimulation to the peroneal nerve/Workshop f	128
Electrodiagnosis/	291
electrodiagnosis of neuromuscular diseases/Postgraduate	021
electrodiagnostic procedures/Introduction to	452
electronics and instrumentation/Basic	163
electrophysiology lecture series/Neurophysiology and	217
EMG and NCV as they relate to other medical specialties	230
EMG research/Graduate student supervision in	176
emotional life skill personal adjustment programs for r	313



emotional life skill personal adjustment programs for r	320
employees/Basic orientation for new	123
employer receptivity to the hiring of the disabled pers	073
employment opportunities for homebound patients/New	275
employment opportunities for the retarded/Structured an	471
employment problems and programs for the disabled and d	051
employment program for disabled high school students/Co	052
employment program for disadvantaged youth with college	150
employment program for economically disadvantaged and d	439
employment program for economically disadvantaged and d	330
Engineering introduction to clinical medicine/	295
environment/ACCESS CHICAGO: Toward a barrier-free	455
evaluation of short-term training in rehabilitation/Str	363
evaluation/Prevocational	411
exercise/Physiological correlates of therapeutic	388
exercise testing and training of coronary disease patie	260
Experiential program in health careers for undergraduat	438
exploration of social problems in rehabilitation medici	262
(extended care facility)/Teaching rounds at Wesley Wood	146
externship for VR personnel in Region VI/Training	112
Facilitative management in rehabilitation counseling/	332
Fall River health aide training program/	192
family in the rehabilitation of the patient/The role of	272
feeding program/Elderly	208
fellowship in physical medicine and rehabilitation/Grad	077
fellowship program/Multidisciplinary	238
fellowship program/Summer medical and dental student	023
Fellowship in rheumatology/	229
Fellowship training in physical medicine and rehabilita	102
females/Behavioral therapy for obese	286
Field instruction for graduate social work students/	149
Field work in deafness/	371
Field work in deafness/	374
Field work placement in rehabilitation counseling/	053
Four week advanced course in physical rehabilitation me	036
Functional aids and adaptations for the physically disa	071
gait clinic (a teaching program)/ (1) Gait clinic (a te	384
Gait clinic (a teaching program) (2) Advanced gait clin	384
gastro-intestinal disorders/Vocational rehabilitation c	437
Geriatric amputee clinic/	141
Graduate assistantships with research and training cent	339
Graduate curriculum in occupational therapy/	091
Graduate fellowship in physical medicine and rehabilita	077
Graduate program in physical therapy/	079
graduate program of multidisciplinary training in the a	381
Graduate student supervision in EMG research/	176
graduate students in rehabilitation counseling/Rehabili	269
Graduate training in occupational biomechanics/	061
grief & death/Seminar--dealing with crisis-prognosis,	118
Group counseling in rehabilitation/	338
group counseling in rehabilitation/Seminar on	346
Group counseling with the deaf/	322
Group therapy for psychogenic asthma patients/	256
Guardianship, advocacy and protectorship/	473
handicapped/Dental intern training - dentistry for the	225
handicapped I (aphasia)/Speech pathology of the organi	049

handicapped/Senior dental student clerkship - dentistr	220
health aide training program/Fall River	192
health care administration students/Problem in rehabil	263
health care/Summer employment program for disadvantage	150
health career and rehabilitation professional personne	004
health care/Management theory in	152
Health career opportunities program 1972/	025
health careers for undergraduate students/Experimental	438
health education students/Sports medicine	267
health personnel/Rehabilitation of the stroke patient	440
health professional/Supervision of supportive personne	086
Health professions education/	151
Health professions education/	154
health professions/Introduction to allied	450
health sequence/Community	119
Hearing aid dealers course/	190
hearing training program for rehabilitation counselors	274
Helping: A behavioral approach/	348
Helping: A behavioral approach for state training offi	352
helping relationship/Dynamics of the	312
helping relationship/Dynamics of the	326
helping relationship/Dynamics of the	334
high school students/Work-study program for	232
high school students/Correlated educational employment	052
hiring of the disabled person/Program to improve emplo	073
homebound patients/New employment opportunities for	275
hospital administration/Pre-course clerkship - Introdu	425
hospitals residency training program of Baylor College	101
How to select, administer and interpret psychological	355
How to select, administer and interpret psychological	358
human performance conference/Clinical	268
human service personnel/Placement activities for	359
human services/Undergraduate clinical experience in	428
hypnosis/Workshop in clinical	045
Increasing minority participation in state agencies/	340
information for foster and adoptive parents/Rehabilita	281
inhalation therapists/Chest physiotherapy - techniques	138
Inhalation therapy technician training	421
Inpatient care in rehabilitation medicine/	271
inquiry/Concepts of scientific	130
In-service continuing education, occupational therapy	010
In-service continuing education physical therapy dept.	026
In-service education for occupational therapists/	155
In-service education for physical therapists/	142
Inservice for physical therapists and physical therapy	414
In-service training in biomechanics/	062
in-service training/Medical social service	395
inservice training/Physical medicine and rehabilitatio	213
in-service training programs/A systematic approach for	318
Institute of rehabilitation studies training/	337
Institute on assessment in rehabilitation psychology/	212
Institutes in rehabilitation	391
Instrumentation/Basic electronics and	163
instrumentation/Systems approach to	294
insurance claim adjusters/Orientation to rehabilitatio	468
intellectual and emotional life skill personal adjustm	313
intellectual and emotional life skill personal adjustm	320
Interdisciplinary course in neurology department/	241

intern training - dentistry for the chronically ill an	225
International training program for physical and occupa	037
internship/Dietetic	418
Internship for graduate dentists in care of the physic	040
Internship in clinical psychology (neuropsychology & re	423
internship in counseling psychology/Pre-doctoral	300
Internship in rehabilitation counseling/	301
Internship in rehabilitation counseling/1) Introductio	390
Internship program for clinical and rehabilitation psy	216
internship/Psychology	070
internship/Special education	422
internship/Vocational rehabilitation counseling	430
internship with the low-achieving deaf client/Rehabili	341
internship with the public assistance vocational rehab	342
internships/Psychological	066
internships/Vocational counselor	069
interpersonal skills as it relates to rehabilitation c	329
Interpersonal skills for trainers.	323
Interpersonal skills training for rehabilitation secre	325
Interpersonal skills training for rehabilitation secre	316
Interpersonal skills training for trainers	315
Interpersonal skills workshop for rehabilitation couna	350
Introduction to allied health professions/	450
Introduction to clinical medicine/	202
Introduction to clinical medicine/	228
Introduction to electrodiagnostic procedures/	452
Introduction to mental retardation/	309
introduction to physical, intellectual and emotional 1	313
Introduction to rehabilitation 2) Internship in rehabi	390
Introduction to occupational therapy in physical disab	107
Introduction to occupational therapy techniques in reh	106
Introduction to patient treatment/	200
Introduction to principles and practices of vocational	054
Introduction to principles of rehabilitation psychology	004
Introduction to the basic principles of management/	360
Introduction to the rehabilitation of the mentally ret	368
Introduction to the sociology of medicine/	296
jobs in the community/Training the mentally retarded f	475
Journal club (presentation of current medical topics)/	161
Junior medical students in neurology curriculum/	231
Junior medical students in the musculoskeletal curricu	219
Kinesiology and anatomy lectures/	171
Language rehabilitation of stroke patients/	278
laryngectomized patients/Speech rehabilitation of	279
learning and control/Motor	132
learning and control/Motor	174
Lecture and demonstration course in the use of orthope	017
lecture series/Senior	445
legislators in the area of mental retardation/The role	367
life skill personal adjustment programs for rehabilita	313
life skill personal adjustment programs for rehabilita	320
local training coordinators/Helping? A behavioral appr	352
long-term patient/Internship for graduate dentists in	040
low-achieving deaf client/Rehabilitation counseling in	341
L.P.N.'s/Preventive nursing skills for	084

management in rehabilitation counseling/Facilitative	332
management/Introduction to the basic principles of	360
management of cerebral palsy/Course in	076
management of chronic disease/Comprehensive	115
management of the physical medicine patient/Medical	182
management of the rehabilitation patient/Physical ther	277
management techniques for the severely disabled/Short	113
Management theory in health care/	152
Management workshops/	185
Manual for managing the disabled patient in the dental	234
Master of science degree program/	097
Master of Science in physical therapy/	292
medical and dental student fellowship program/Summer	023
medical care and management techniques for the several	113
medical clerkship in physical medicine and rehabilitat	227
Medical diagnosis in rehabilitation/	304
Medical factors in vocational rehabilitation/	085
Medical management of the physical medicine patient/	182
medical orthopedic for pediatric house and attending s	398
medical problems in the community for adult community	249
Medical psychological vocational aspects of rehabilita	055
Medical rehabilitation - A review	403
medical residents/Electives in rehabilitation medicine	397
Medical social service in-service training/	395
Medical specialties/Basic concepts of EMG and NCV as t	230
Medical student electives in rehabilitation medicine/	090
Medical student lectures/	166
Medical student training in advanced nuclear and compu	006
medical students in neurology curriculum/Junior	231
(medical students on physical and rehabilitation medic	204
medical students/Summer training program for	284
Medical students teaching	402
medical topics)/Journal club (presentation of current	161
medical traineeship/Undergraduate	159
medical treatment/Seminar - Development and use of the	122
medical writing/Workshop on	382
medicine/Administrative aspects of rehabilitation	451
medicine/An exploration of social problems in rehabili	262
medicine and rehabilitation/Fellowship training in phy	102
medicine and rehabilitation/Graduate fellowship in phy	077
medicine/Discussion groups for staff of the department	222
medicine/Elective clerkship in rehabilitation	448
Medicine/Elective course - Department of Physical	100
medicine/Engineering introduction to clinical	295
medicine for physicians assistants/Training in rehabil	199
Medicine for the physiatrist/	454
medicine/Inpatient care in rehabilitation	271
medicine/Introduction to clinical	202
medicine/Introduction to clinical	228
medicine/Introduction to sociology of	296
medicine/Medical student electives in rehabilitation	090
medicine programs/Participation in continuing educatio	002
medicine/Residency training for physicians in rehabili	046
medicine/Residency training in rehabilitation	095
medicine/Residency training in rehabilitation	466
medicine resident rotation/Pulmonary	400
medicine resident training program/Physical and rehabi	191
medicine/Summer student fellows - rehabilitation	203
medicine/Training in psychosomatic	264

277

medicine training programs/Participation in continuing	072
mental illness/Vocational rehabilitation counselor sem	432
Mental retardation and corrections/	364
mental retardation for newly appointed rehabilitation	308
mental retardation/Introduction to	309
mentally retarded/Relevance of the social environment	306
mental retardation/The role of state legislators in th	367
mentally retarded/Contact and communication with the d	477
mentally retarded for service jobs in the community/Tr	475
mentally retarded/Introduction to the rehabilitation o	368
mentally retarded/The nurse in the rehabilitation of t	361
mentally retarded/The role of the welfare specialist i	366
mentally retarded.The vocational rehabilitation of the	365
mentally retarded through the use of sheltered work/Vo	307
mentally retarded/Work evaluation assessment and monit	478
minority participation in state agencies/Increasing	340
modification of behavioral deficits as a rehabilitatit	311
Motor learning and control/	174
Multidisciplinary fellowship program/	238
Multi-disciplinary summer school in biomechanics/	063
multiply handicapped/Special problems associated with	470
muscle and bone/Physiology of skeletal	302
muscle/Clinical physiology of nerve and	387
Muscular dystrophy teaching clinic/	162
musculoskeletal curriculum/Junior medical students in	219
Musculo-skeletal disorders/	206
Musculo-skeletal systems curriculum and syllabus/	197
NCV as they relate to other medical specialities/Basic	230
nerve and muscle/Clinical physiology of	387
Neuroanatomy and neurophysiology I/	135
Neuroanatomy and neurophysiology II/	136
Neuro-developmental techniques in treating cerebral dy	413
neurological disease/Rehabilitation aspects of	443
neurology curriculum/Junior medical students in	231
neurology department/Interdisciplinary course in	241
neurology for occupational and physical therapists/Cli	386
neurology/Seminar in bioengineering, neurophysiology,	223
neuromuscular diseases/Postgraduate course in clinical	021
neuromuscular dysfunction for physiatrists and other p	008
Neurophysiology and electrophysiology lecture series/	217
neurophysiology I/Neuroanatomy and	135
neurophysiologyII/Neuroanatomy and	136
neurophysiology, psychophysiology and clinical neurolo	223
(neuropsychology & rehabilitation)/Internship in clini	423
Neuropsychology of behavior	014
neuropsychology - practicum/Clinical	252
neurosensory curriculum/	237
neurosurgical nurses/SCI rehabilitation nursing concep	108
New employment opportunities for homebound patients/	275
New York university school of medicine first-fourth ye	022
nuclear and computer applications related to cerebral	006
Nurse aide course/	125
nurse in the rehabilitation of the mentally retarded/T	361
nurse program in occupational therapy/Practical studen	030
nurses aide training program/Speech pathology	033
nurses & student nurses to physical therapy/Orientatio	139
nurses/Clinical orientation to physical therapy for re	016
nurses/Clinical training for graduate therapists and	035

nurses/Four week advanced course in physical rehabilit	036
nurses/rehabilitation nursing affiliation for public he	255
nurses/Rehabilitation nursing for public health and vi	406
nurses/Speech pathology for rehabilitation	050
nurses/Team approach to rehabilitation for	265
nurses/Three week seminar in physical rehabilitation m	039
Nursing administration in nursing homes/	083
nursing assistant course/Rehabilitation	124
nursing (clinical)/Rehabilitation	408
nursing concepts for neurosurgical nurses/SCI rehabili	108
nursing in-service/Rehabilitation	407
nursing pathways in depth/Rehabilitation	099
nursing practice/Rehabilitation	110
nursing/Rehabilitation	469
nursing skills for L.P.N.'s/Preventive	084
nursing techniques in rehabilitation/Conference on new	109
nutritionist in a rehabilitation program/Role of the	207
obese females/Behavioral therapy for	286
occupational and physical therapists/Clinical neurolog	386
occupational biomechanics/Graduate training in	061
occupational therapists and registered nurses/Four wee	036
occupational therapists/In-service education for	155
occupational therapists/International training program	037
occupational therapists/Orthotics for	458
occupational therapy and occupational therapy clinical	193
occupational therapy assistant/Clinical training for	460
occupational therapy assistant/Continuing education fo	463
occupational therapy assistant students/Clinical train	103
Occupational therapy clinical affiliation	410
occupational therapy/Clinical affiliation in	461
occupational therapy/Course in	080
occupational therapy department/In-service continuing e	010
occupational therapy for rehabilitation professionals/	011
occupational therapy/Graduate curriculum in	091
occupational therapy in area of physical disabilities/	175
occupational therapy in physical disabilities/Introduc	107
occupational therapy/Practical student nurse program i	030
occupational therapy/Pre-clinical affiliation in	464
occupational therapy program and staff/Systematic appr.	459
occupational therapists/Refresher course for	075
Occupational therapy student affiliation/	029
occupational therapy student training/Clinical affilia	153
occupational therapy students/Affiliation program for	012
occupational therapy students/Clinical affiliation pro	001
occupational therapy students/Clinical training for	105
occupational therapy students/Pre-clinical experience f	003
occupational therapy students/Pre-clinical experience f	013
occupational therapy students/Pre-clinical training for	104
occupational therapy teaching/Physical therapy and	405
occupational therapy techniques in rehabilitation/Intr	106
occupational therapy/Undergraduate curriculum in	092
Occupational therapy workshop in treatment techniques	242
One day seminar: dentistry for the chronically ill and	253
on-site visits/Regional supervisory seminars and region	188
opportunities program 1972/Health career	025
Orientation & observation in occupational therapy in a	175
Orientation and observation to occupational therapy fo	011
orientation for new employees/Basic	123

Orientation in care for physically disabled for dental	041
Orientation of counselors with few deaf clients	369
Orientation of nurses & student nurses to physical the	139
Orientation to medical problems in the community for a	249
Orientation to mental retardation for newly appointed	308
Orientation to psychodiagnostic testing/	064
Orientation to rehabilitation for insurance claim adju	468
orthopedic appliances/Lecture and demonstration course	017
Orthopedic resident training in rehabilitation researc	170
orthopedics for pediatric house and attending staff/Pe	398
orthotic devices/Psycho-social factors influencing pat	114
orthotics and prosthetics/Clinical training in	042
orthotics education/Prosthetics and	047
Orthotics for occupational therapists/	458
orthotics/Undergraduate curriculum in prosthetics	093
orthotics/Vocational rehabilitation counselors seminar	435
otolaryngology/Basic sciences -	189
parents/Rehabilitation and medical information for fost	281
Participation in continuing education institute of reha	002
Participation in continuing institute of rehabilitation	072
Patient advocate program/	240
patient care/Psychological principles applied to	067
patient care/Special	196
patient/Seminar on rehabilitation of the stroke	087
patient treatment/Introduction to	200
patient utilization of orthotic devices/Psycho-social f	114
patho-physiology for physical therapists/Respiratory	009
pediatric habilitation/Annual short course in	058
Pediatric medical orthopedics for pediatric house and a	398
pediatric patient/Rehabilitation dentistry for the chro	245
Pediatric rehabilitation/	441
Pediatric rehabilitation elective	401
pediatric rehabilitation--Elizabethtown State Crippled	250
Pediatric rheumatology teaching clinic/	140
pediatric rotation/Supervision of students on	399
perceptual difficulties in brain damaged persons/Remedi	015
performance conference/Clinical human	268
performance of the mentally retarded/Work evaluation as	478
peroneal nerve/Workshop for training of physical therap	128
personal adjustment programs for rehabilitation clients	313
personal adjustment programs for rehabilitation clients	320
physiatrist/Medicine for the	454
physiatrists and other physicians/Course in rehabilitat	008
Physical and occupational therapists/International tral	037
Physical and rehabilitation medicine resident training	191
Physical diagnosis/	201
physical disabilities/Introduction to occupational ther	107
physical dysfunction/Practicum	412
physical, intellectual and emotional life skill persona	313
physical, intellectual and emotional life skill persona	320
Physical medicine and rehabilitation/	173
physical medicine and rehabilitation/Clinical	289
physical medicine and rehabilitation Grady Memorial Hos	147
physical medicine & rehabilitation/Research in	288
physical medicine and rehabilitation/Residency in	396
physical medicine and rehabilitation/Residency program	158
physical medicine and rehabilitation/Residency training	283
Physical medicine and rehabilitation resident teaching	168

Physical medicine and rehabilitation inservice training	213
physical medicine and rehabilitation/Internship program	216
physical medicine and rehabilitation/Residency training	214
physical medicine and rehabilitation/Senior elective in	218
physical medicine and rehabilitation/Undergraduate medi	227
physical medicine patient/Medical management of the	182
physical medicine residents/Biomechanics and bioelectri	243
Physical medicine ward, Grady Memeorial Hospital, teach	181
physical therapist assistant students/Clinical affiliat	416
physical therapists and physical therapy assistant/Inse	414
physical therapists/Clinical neurology for occupational	386
physical therapists in application and use of functiona	128
physical therapists/In-service education for	142
physical therapists, occupational therapists and regist	036
physical therapists/Practicum in clinical education for	018
physical therapists/Respiratory patho-physiology for	009
Physical therapy aide-in-service/	027
Physical therapy aide training/	145
Physical therapy and occupational therapy teaching/	405
Physical therapy assistant/	465
Physical therapy attendant inservice training/	417
Physical therapy clinical education/	194
physical therapy/Clinical practice and observation	024
physical therapy/Clinical practicum in	467
physical therapy/Clinical specialist program in	385
physical therapy/Course in	081
physical therapy dept., Institute of rehabilitation med	026
physical therapy education, administration and research	134
physical therapy for registered nurses/Clinical orienta	016
physical therapy/Graduate program in	079
Physical therapy in the management of the rehabilitatio	277
physical therapy/Master of Science in	292
physical therapy/Orientation of nurses & student nurses	139
physical therapy program, division of ahp, Emory Univer	156
physical therapy/Seminar series - current problems and	133
physical therapy students/Clinical affiliation for	126
physical therapy students/Clinical affiliation for	127
physical therapy students/Clinical affiliation for Univ	415
physical therapy students/Clinical affiliation program	019
physical therapy students/Clinical experience for	389
physical therapy students/Training program for	287
physical therapy students/Training program for junior	276
physical therapy/Undergraduate curriculum in	094
physically disabled e31.1756/Functional aids and adapta	071
physically disabled for dental students/Orientation in	041
physically handicapped and the long-term patient/Intern	040
physically handicapped/Driver and traffic safety educat	057
physically handicapped/Driver training for the	074
physically handicapped (first and second semester)/Reha	038
physically handicapped/Psychology of the	233
physician inpatient rounds/Resident	160
physician-patient relationship in medical treatment/Sem	122
physicians and residents - Temple University Hospital/R	211
Physicians assistants teaching	404
physicians assistants/Training in rehabilitation medici	199
physicians in rehabilitation medicine/Residency trainin	046
Physiological correlates of therapeutic exercise/	388
physiology/Applied	205
Physiology of exercise testing and training of coronary	260



physiology of nerve and muscle/Clinical	387
Physiology of skeletal muscle and bone/	302
physiotherapy - techniques & principles of breathing ex	138
Placement activities for human service personnel/	359
planning institute/Continuing education and	476
PM&R affiliated hospitals residency training program of	101
podiatrists/Seminar in peripheral vascular disease for	246
Post doctoral dental seminar/	419
Postdoctoral visiting scientists/	172
Postgraduate course in clinical electrodiagnosis of neu	021
Practicum in clinical education for physical therapists	018
Practicum in rehabilitation counseling/	034
Practicum in vocational rehabilitation counseling/	078
Practicum, physical dysfunction/	412
Practicums (in physical therapy education, administrati	134
Practical student nurse program in occupational therapy	030
Pre-clinical affiliation in occupational therapy/	464
Pre-clinical experience for occupational therapy studen	003
Pre-clinical experience for occupational therapy studen	013
Pre-clinical training for occupational therapy students	104
Pre-clinical occupational therapy and occupational ther	193
Pre-course clerkship - Introduction to hospital adminis	425
Pre-doctoral internship in counseling psychology/	300
pre-physical therapy associate in Applied Science Schoo	028
Preventative nursing skills for L.P.N.'s/	084
Prevocational evaluation/	411
Principles of administration, physical therapy program,	156
Principles of biomechanics, bracing and prosthetics/	290
Principles of psychological first aid/	065
Principles, techniques and problems of psychological co	375
Problems in rehabilitation administration for health ca	263
Program pre-physical therapy associate in Applied Scien	028
Program to improve employer receptivity to the hiring o	073
programming for the moderately, severely and profoundly	305
Programming of small computers/	293
Prosthetics and orthotics education/	047
prosthetics and orthotics/Vocational rehabilitation cou	435
prosthetics/Clinical training in orthotics and	042
prosthetic concepts/Symposium on peripheral arterial di	239
prosthetics orthotics/Undergraduate curriculum in	093
prosthetics/Principles of biomechanics, bracing and	290
protectorship/Guardianship, advocacy and	473
Psychiatric implications of rehabilitation/	446
Psychiatric seminars/	044
psychiatry for vocational counselors/Training program i	258
psychodiagnostic testing/Orientation to	064
Psychodynamics influencing the adjustment of the ampute	120
psychogenic asthma patients/Group therapy for	256
Psychological conference/	068
psychological counseling with deaf people/Principles, t	375
psychological first aid/Principles of	065
Psychological internships/	066
Psychological principles applied to patient care/	067
psychological tests/How to select, administer and inter	355
psychological tests/How to select, administer and inter	358
psychological vocational aspects of rehabilitation/Medi	055
psychologists in physical medicine and rehabilitation/I	216
psychologists/Training of clinical, counseling, school	005
psychology for health career and rehabilitation profess	004

psychology/Institute on assessment in rehabilitation	212
Psychology internship/	070
Psychology of deafness, I/	377
Psychology of deafness, II/	378
Psychology of disability/	426
psychology (neuropsychology & rehabilitation)/Internshi	423
Psychology of the physically handicapped/	233
psychology/Pre-doctoral internship in counseling	300
psychophysiology and clinical neurology/Seminar in bioe	223
psychosocial counseling workshop/Advanced	335
Psycho-social factors influencing patient utilization o	114
psychosomatic medicine/Training in	264
public assistance recipient/Rehabilitation of the	314
public assistance vocational rehabilitation client/Reha	342
public health and visiting nurses/Rehabilitation nursin	406
public health nurses/Rehabilitation nursing affiliation	255
pulmonary disease and with neuromuscular dysfunction fo	008
Pulmonary medicine residents rotation/	400
pulmonary rehabilitation/Vocational rehabilitation coun	433
Recent advances in rehabilitation/	137
referral service to serve the deaf/Developing a communi	328
Refresher course for occupational therapists/	075
Region VI/Training externship for VR personnel in	112
Regional supervisory seminars and regional supervisory	188
Regional training program/	351
Regional training workshop/	327
Rehabilitation and medical information for foster and a	281
rehabilitation/Applied	167
Rehabilitation aspects of neurological disease/	443
Rehabilitation aspects of rheumatology/	449
Rehabilitation aspects of spinal cord injury/	447
Rehabilitation aspects of the amputee/	444
rehabilitation care from institutes/Video tape material	393
Rehabilitation counseling internship with the low-achie	341
Rehabilitation counseling internship with the public as	342
Rehabilitation dentistry for the chronically ill and ha	245
Rehabilitation for the physically handicapped (first an	038
Rehabilitation medicine curriculum at New York Universi	022
Rehabilitation medicine for graduate students in rehabi	269
Rehabilitation medicine for staff physicians and reside	211
Rehabilitation methods in social welfare/	088
Rehabilitation nursing/	469
Rehabilitation nursing affiliation for public health nu	255
Rehabilitation nursing assistant course/	124
Rehabilitation nursing (clinical)/	408
Rehabilitation nursing for public health and visiting n	406
Rehabilitation nursing in-service	407
Rehabilitation nursing pathways in depth/	099
Rehabilitation nursing practice/	110
Rehabilitation of the public assistance recipient/	314
Rehabilitation of the retarded in rural areas/	303
Rehabilitation of the severely disabled: Identification	319
Rehabilitaion of the stroke patient for allied health p	440
Rehabilitation programming for the moderately, severely	305
rehabilitation/Recent advances in	137
Rehabilitation research/	442
Rehabilitation social work - Clinical experience/	427
Rehabilitation worker trainee program/	226

rehabilitative care/Videotape material on comprehensive	394
Relevance of the social environment in the rehabilitati	306
Remedial techniques for cognitive and perceptual diffic	015
reporting/Day of	321
research conference/Annual Arkansas rehabilitation rese	324
research/Graduate student supervision in EMG	176
Research in deafness/	376
Research in physical medicine & rehabilitation/	288
research/Orthopedic resident training in rehabilitation	170
research)/Practicum (in physical therapy education, adm	134
research psychologists/Training of clinical, counseling	005
research/Rehabilitation	442
Research seminar - Krusen Center for Research and Engin	254
research/Theory and practice: biokinetics laboratory	235
research/Workshop on principles and methods of clinical	383
Residency in physical medicine and rehabilitation	396
Residency program in physical medicine and rehabilitati	158
Residency training in rehabilitation medicine/	095
Residency training in rehabilitation medicine/	466
Residency training in physical medicine and rehabilitat	214
Residency training in physical medicine and rehabilitat	283
Residency training for physicians in rehabilitation med	046
residency training program of Baylor College of Medicin	101
Resident physician inpatient rounds/	160
resident rotation/Pulmonary medicine	400
resident teaching rounds/Physical medicine and rehabili	168
resident training in rehabilitation research/Orthopedic	170
resident training program/Physical and rehabilitation m	191
residents/Biomechanics and bioelectricity for physical	243
residents/Elective in rehabilitation medicine for medical	397
residents - Temple University Hospital/Rehabilitation m	211
Respiratory patho-physiology for physical therapists/	009
residential services as an aid to rehabilitation of the	474
retarded adolescents and adults/Counseling techniques w	310
retarded/Community residential services as an aid to re	474
retarded/Contact and communication with the deaf mental	477
retarded for service jobs in the community/Training the	475
retarded in rehabilitation/Teaching social skills and a	472
retarded in rural areas/Rehabilitation of the	303
retarded/Rehabilitation programming for the moderately,	305
retarded/Structured and unstructured employment opportu	471
retarded/Work evaluation assessment and monitoring the	478
Rheumatology and rehabilitation/	179
rheumatology/Conference in	183
rheumatology/Fellowship in	229
rheumatology for the community/Conferences in	186
rheumatology, Grady Memorial Hospital/Teaching rounds -	178
Rheumatology lecture series/	180
rheumatology/Rehabilitation aspects of	449
rheumatology teaching clinic/Pediatric	140
rheumatology, Veterans Administration/Teaching rounds -	177
role and significance of interpersonal skills as it rel	329
Role of social service in a rehabilitation facility/	121
role of state legislators in the area of mental retarda	367
role of the family in the rehabilitation of the patient	272
Role of the nutritionist in a rehabilitation program/	207
role of the welfare specialist in the rehabilitation of	366
rotation program/Combined clinical	111

284

school and research psychologists/Training of clinical	005
Scientific basis for therapeutic techniques/	131
SCI rehabilitation nursing concepts for neurosurgical	108
secretaries: An introduction and demonstration/Interpe	316
secretaries/Interpersonal skills training for rehabili	325
self care skills/Teaching	096
seminar/Arthritis	157
Seminar - dealing with crisis-prognosis, grief & death	118
seminar: dentistry for the chronically ill and aged/On	253
Seminar - Development and use of the physician-patient	122
Seminar in bioengineering, neurophysiology, psychophys	223
Seminar in peripheral vascular disease for podiatrists	246
Seminar in physical rehabilitation methods for registe	039
seminar - Krusen Center for Research and Engineering/R	254
seminar on cardiovascular problems/Vocational rehabili	434
seminar on drug abuse/Vocational rehabilitation	436
seminar on gastro-intestinal disorders/Vocational reha	437
Seminar on group counseling in rehabilitation/	346
seminar on mental illness/Vocational rehabilitation co	432
Seminar on methods and techniques of counseling in reh	345
seminar on prosthetics and orthotics/Vocational rehabi	435
seminar on pulmonary rehabilitation/Vocational rehabil	433
Seminar on rehabilitation of the stroke patient/	087
Seminar on sexual function/	116
seminar on spinal cord injury/Vocational rehabilitatio	431
seminar/Post doctoral dental	419
Seminar series - current problems and issues in physic	133
seminar/Workman's compensation	089
seminars and regional supervisory on-site visits/Regio	188
Seminars for medical consultants of vocational rehabil	282
seminars/Psychiatric	044
Senior dental elective/	244
Senior dental student clerkship - dentistry for the ch	220
Senior elective in physical medicine and rehabilitatio	218
Senior lecture series/	445
sensorimotor dysfunction/Occupational therapy workshop	242
severely disabled: Identification of non-vocational ne	319
severely disabled/Short course in medical care and man	113
Sex education for spinal cord injuries/	082
sexual function/Seminar on	116
Short course in medical care and management techniques	113
short-term training in rehabilitation/Strategies for t	363
social and rehabilitative services/An approach to inte	336
social environment in the rehabilitation of the mental	306
social problems in rehabilitation medicine/An explorat	262
social service in a rehabilitation facility/Role of	121
social service in-service training/Medical	395
(social services/vocational rehabilitation) in-service	318
social skills and assisting in the social adjustment o	472
social welfare/Rehabilitation methods in	088
social work - Clinical experience/Rehabilitation	427
Social work practicum (clinical training)/	117
social work students/Field instruction for graduate	149
social work/Summer work study program for graduate stu	043
Socialization in the disability process/	456
sociology of medicine/Introduction to the	296
software familiarization/Computer	165
Special education internship	422
Special patient care/	196

Special problems associated with community adjustment o	470
Speech and hearing training program for rehabilitation	274
speech I/Disorders of	299
speech II/Disorders of	298
Speech habilitation for stutterers/	273
speech pathology and audiology advanced clinical pract	031
speech pathology/Clinical practicum in	048
speech pathology/Clinical student observation program	032
Speech pathology for rehabilitation nurses/	050
Speech pathology nurses aide training program/	033
Speech pathology of the organically handicapped I (aph	049
Speech pathologists clinical education/	209
Speech rehabilitation of laryngectomized patients/	279
spina bifida: the birth defect and clinical management	059
spinal cord injuries/Sex education for	082
spinal cord injury/Rehabilitation aspects of	447
spinal cord injury/Vocational rehabilitation counselor	431
Splinting workshop	409
Sports medicine for health education students/	267
state agencies/Increasing minority participation in	340
State rehabilitation agency project report/	331
state training officers and local training coordinator	352
Strategies for the valuation of short-term training in	363
Strategies in functional assessment/	187
stroke patient for allied health personnel/Rehabilitat	440
stroke patient/Seminar on rehabilitation of the	087
stroke patient/The	098
stroke patients/Language rehabilitation of	278
Structured and unstructured employment opportunities f	471
student affiliation/Occupational therapy	028
student clerkship - dentistry for the chronically ill	220
student electives in rehabilitation medicine/Medical	090
student fellows - rehabilitation medicine/Summer	203
student fellowship program/Summer medical and dental	023
student lectures/Medical	166
student observation program - speech pathology/Clinica	032
student supervision in EMG research/Graduate	176
student training/Clinical affiliation--occupational th	153
student training in advanced nuclear and computer appl	006
students/Affiliation program for undergraduate occupat	012
students - assessment of organic brain pathology/Diagn	215
students/Clinical affiliation for physical therapist a	416
students/Clinical affiliation for physical therapy	126
students/Clinical affiliation for physical therapy	127
students/Clinical affiliation for University of Alabam	415
students/Clinical affiliation program for occupational	001
students/Clinical affiliation program for physical the	019
students/Clinical education - dental hygiene	198
students/Clinical experience for physical therapy	389
Students/Clinical training for occupational therapy	105
students/Clinical training for occupational therapy as	103
students/Correlated educational employment program for	052
students/Experimental program in health careers for u	438
students/Field instruction for graduate social work	149
students in neurology curriculum/Junior medical	231
students in social work/Summer work study program for g	043
students in the musculoskeletal curriculum/Junior medi	219
students on pediatric roatation/Supervision of	399
students on physical and rehabilitation medicine rotat	204

students/Orientation in care for physically disabled f	041
students/Pre-clinical experience for occupational ther	003
students/Pre-clinical experience for occupational ther	013
students/Pre-clinical training for occupational therap	104
students/Rehabilitation medicine curriculum at New Yor	022
students/Sports medicine for health education	267
students/Summer training program for medical	284
students teaching/Medical	402
students/Training program for junior physical therapy	276
students/Work-study program for high school	232
stutterers/Speech habilitation for	273
Summer employment program for disadvantaged youth with	150
Summer employment program economically disadvantaged a	439
Summer employment program for economically disadvantag	330
Summer medical and dental student fellowship program/	023
Summer student fellows - rehabilitation medicine/	203
Summer training program for medical students/	284
Summer work & training program for disadvantaged and d	285
Summer work study program for economically disadvantag	056
Summer work study program for graduate students in soc	043
Summer work-study program in comprehensive rehabilitat	392
Supervision of students on pediatric rotation/	399
Supervision of supportive personnel for the health pro	086
supportive personnel/Utilization of	462
Survey course for teachers working with expeptional ch	266
syllabus/Musculo-skeletal systems curriculum and	197
Symposium on peripheral arterial disease: diagnosis, m	239
systematic approach for developing and implementing in	318
Systematic approach to the utilization of occupational	459
Systems approach to instrumentation/	294
teachers working with exceptional children in Fairfax	266
teaching/Art and science of	353
teaching clinic/Muscular dystrophy	162
Teaching rounds at the Atlanta, Georgia Veterans Admin	148
Teaching rounds at Wesley Woods Health Center (extende	146
Teaching rounds, physical medicine and rehabilitation	147
teaching rounds/Physical medicine and rehabilitation r	168
teaching rounds/Physical medicine ward, Grady Memorial	181
Teaching rounds--rheumatology, Grady Memorial Hospital	178
Teaching rounds--rheumatology, Veterans Administration/	177
Teaching self care skills/	096
Teaching social skills and assisting in the social adj	472
Team approach to rehabilitation for nurses/	265
technician training/Inhalation therapy	421
Techniques of communicating with deaf persons/	370
Techniques of communicating with deaf persons/	380
The role and significance of interpersonal skills as i	329
The trainer as an agent of change/	356
Theory and practice: biokinetics laboratory research/	235
theory in health care/Management	152
theory into practice/Workshop - translating	129
therapeutic exercise/Physiological correlates of	388
therapeutic relationship/Dynamics of the	317
therapeutic techniques/Scientific basis for	131
therapists and nurses/Clinical training for graduate	035
Three week seminar in physical rehabilitation methods	039
Tongue thrust therapy/	420
traffic safety education for the physically handicappe	057

	291
trainer as an agent of change/The	356
trainers/Interpersonal skills for	323
trainers/Interpersonal skills training for	315
Training externship for VR personnel in Region VI/	112
Training in pediatric rehabilitation - Elizabethtown S	250
Training in psychosomatic medicine/	264
Training in rehabilitation medicine for physicians ass	199
Training of clinical, counseling, school and research	005
Training program for junior physical therapy students/	276
Training program for physical therapy students/	287
Training program in adolescent psychiatry for vocation	258
Training the mentally retarded for service jobs in the	475
Undergraduate clinical experience in human services/	428
Undergraduate curriculum in occupational therapy/	092
Undergraduate curriculum in physical therapy/	094
Undergraduate curriculum in prosthetics orthotics/	093
undergraduate occupational therapy students/Affiliatio	012
Undergraduate medical clerkship in physical medicine a	227
Undergraduate medical traineeship/	159
undergraduate students/Experiential program in health	438
University courses/	347
Utilization of supportive personnel/	462
vascular disease for podiatrists/Seminar in peripheral	246
Video tape materials on comprehensive rehabilitation c	393
Videotape materials on comprehensive rehabilitative ca	394
Video tapes of group rehabilitation counseling/	224
vision/Visual aids for subnormal	261
visiting nurses/Rehabilitation nursing for public heal	406
visiting scientists/Postdoctoral	172
visits/Departmental observers and professional group	020
Visual aids for subnormal vision/	261
Vocational adjustment of the mentally retarded through	307
vocational aspects of rehabilitation/Medical psycholog	055
Vocational counselor interships/	069
Vocational counselor training program/	251
vocational counselors/Training program in adolescent p	258
vocational educational employment problems and program	051
Vocational rehabilitation/	344
vocational rehabilitation client/Rehabilitation counse	342
Vocational rehabilitation counseling internship/	430
Vocational rehabilitation counseling practicum/	429
vocational rehabilitation counseling/Practicum in	078
Vocational rehabilitation counseling seminar on gastro	437
Vocational rehabilitation counselor seminar on mental	432
Vocational rehabilitation counselor seminar on pulmona	433
Vocational rehabilitation counselor seminar on spinal	431
Vocational rehabilitation counselors seminar on cardio	434
vocational rehabilitation counselors seminar on prosth	435
vocational rehabilitation) in-service training program	318
vocational rehabilitation/Introduction to principles a	054
vocational rehabilitation/Medical factors in	085
vocational rehabilitation of the mentally retarded/The	365
vocational rehabilitation personnel/Development of aud	354
Vocational rehabilitation seminar on drug abuse/	436
vocational training program/Work adjustment and	164
Voice and diction/	297

Volunteers training/	424
VR personnel in Region VI/Training externship for	112
welfare/Rehabilitation methods in social	088
welfare specialist in the rehabilitation of the mental	366
Work adjustment and vocational training program/	164
work & training program for disadvantaged and disabled	285
Work evaluation assessment and monitoring the performa	478
work evaluation/Workshops in	479
work placement in rehabilitation counseling/Field	053
work program/Cooperative education and	007
work study program for economically disadvantaged and	056
work/Vocational adjustment of the mentally retarded th	307
Workman's compensation seminar/	089
workshop/Advanced psychosocial counseling	335
Workshop for animal technician training/	236
workshop for rehabilitation counselors/Interpersonal s	350
Workshop for training for physical therapists in appli	128
Workshop in clinical hypnosis/	045
workshop in treatment techniques for sensorimotor dysf	242
Workshop on medical writing/	382
Workshop on principles and methods of clinical researc	383
workshop/Regional training	327
workshop/Splinting	409
Workshop - translating theory into practice/	129
Workshops in work evaluation/	479
workshops/Management	185
work study program for graduate students in social wor	043
Work-study program for high school students/	232
work-study program in comprehensive rehabilitative car	392
writing/Workshop on medical	382
youth in rehabilitation and other health settings/Summ	285
youths/Summer employment program for economically disa	330



## RESEARCH AND TRAINING CENTERS

- RT-1 NEW YORK UNIVERSITY (16-P-56801)**  
 Medical Rehabilitation R&T Center, 400 East 34th Street, New York,  
 New York 10016 Director of Training: Joseph Goodgold, M.D.
- RT-2 UNIVERSITY OF MINNESOTA (16-P-56810)**  
 Medical Rehabilitation R&T Center, 860 Mayo Building, Minneapolis,  
 Minnesota 55455 Director of Training: Frederic Kottke, M.D.
- RT-3 UNIVERSITY OF WASHINGTON (16-P-56818)**  
 Medical Rehabilitation R&T Center, 15th Avenue, N.E., Seattle,  
 Washington 98105 Director of Training: Walter C. Stolov, M.D.
- RT-4 BAYLOR UNIVERSITY (16-P-56813)**  
 Medical Rehabilitation R&T Center, 1333 Moursund Avenue, Houston,  
 Texas 77025 Director of Training: Lewis A. Leavitt, M.D.
- RT-6 EMORY UNIVERSITY (16-P-56808)**  
 Medical Rehabilitation R&T Center, 80 Butler Street, N.E., Atlanta,  
 Georgia 30303 Director of Training: Samuel B. Chyatte, M.D.
- RT-7 TUFTS UNIVERSITY (16-P-56800)**  
 Medical Rehabilitation R&T Center, 171 Harrison Avenue, Boston,  
 Massachusetts 02111 Director of Training: Carl V. Granger, M.D.
- RT-8 TEMPLE UNIVERSITY (16-P-56804)**  
 Medical Rehabilitation R&T Center, 3400 N. Broad Street, Philadelphia,  
 Pennsylvania 19122 Director of Training: Martin Leshner, Ph.D.
- RT-9 THE GEORGE WASHINGTON UNIVERSITY (16-P-56803)**  
 Medical Rehabilitation R&T Center, Medical Center, 2150 Pennsylvania  
 Avenue, N.W., Washington, D.C. 20037 Director of Training:  
 Mahmoud Mourad, M.D.
- RT-10 UNIVERSITY OF COLORADO (16-P-56815)**  
 Medical Rehabilitation R&T Center, 4200 E. Ninth Avenue, Denver,  
 Colorado 80220 Director of Training: Frank Cenkovich, M.D.
- RT-11 UNIVERSITY OF WISCONSIN (16-P-56811)**  
 Mental Retardation R&T Center, 415 W. Gilman Street, Madison,  
 Wisconsin 53706 Director of Training: Patrick J. Flanigan, Ph.D.
- RT-13 UNIVERSITY OF ARKANSAS (16-P-56812)**  
 Mental Retardation R&T Center, 346 N. West Avenue, Fayette,  
 Arkansas 72701 Director of Training: C. Leon Thornton, M.S.E.
- RT-15 UNIVERSITY OF WEST VIRGINIA (16-P-56806)**  
 Vocational Rehabilitation R&T Center, Institute, West Virginia 25112  
 Director of Training: Paul A. Leary, Ph.D.
- RT-16 UNIVERSITY OF OREGON (16-P-56817)**  
 Mental Retardation R&T Center, 306 Clinical Services Building, Eugene,  
 Oregon 97403 Director of Training: Philip Browning, Ph.D.

- RT-17 NEW YORK UNIVERSITY (16-P-56802)**  
Deafness Rehabilitation R&T Center, 80 Washington Square, New York,  
New York 10003 Director of Training: Doris W. Naiman, Ph.D.
- RT-18 UNIVERSITY OF SOUTHERN CALIFORNIA (16-P-56816)**  
Medical Rehabilitation R&T Center, 1739 Griffin Avenue, Los Angeles,  
California 90031 Director of Training: Charlotte V. Taylor, M.S.
- RT-19 UNIVERSITY OF ALABAMA (16-P-56807)**  
Medical Rehabilitation R&T Center, 1717 Sixth Avenue, South,  
Birmingham, Alabama 35233 Director of Training: Don Patrick,  
M.D.
- RT-20 NORTHWESTERN UNIVERSITY (16-P-56809)**  
Medical Rehabilitation R&T Center, 401 East Ohio Street, Chicago,  
Illinois 60611 Director of Training: Don A. Olson, Ph.D.
- RT-21 TEXAS TECH UNIVERSITY**  
Rehabilitation Counselor Training, P.O. Box 4100, Lubbock, Texas  
79409 Project Director: Gerard J. Bensberg, Ph.D.
- RT-22 UNIVERSITY OF WISCONSIN-STOUT**  
Menomonie, Wisconsin 54751 Project Director: Paul R. Hoffman,  
Ed.D.

ERIC Clearinghouse

OCT 19 1972

on Adult Education

**DISCRIMINATION PROHIBITED**—Title VI of the Civil Rights Act of 1964 states: "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving Federal financial assistance." This publication has been prepared in compliance with this law.