



Syracuse Chapter of EMBS Presents:
The 2007 Technologies in Healthcare Seminar
(Health Tech, 2007)

Thursday October 4th 2007 4:00-7:00pm

At the Welch Allyn Lodge
4341 State Street Rd, Skaneateles Falls, NY 13153-0220

Cost: \$20 for professionals, \$10 for IEEE Members, Free for students & EMBS Members
Payment received at the door

Program:

Introduction of EMBS Syracuse Chapter Charter Members
Presentation: **Disruptive Innovations in Healthcare** – Dr. Robert Corona
Presentation: **Innovations in Bioprocess Engineering in CNY** – Dr. John Fieschko
Concluding Remarks
Informal Reception (food & beverages provided)

Sponsored by Syracuse Section of the IEEE

An opportunity to network and meet many others in the Medical Engineering field, found out more of the Engineering in Medical and Biology Society local chapter and hear about some local medical engineering being done.

RSVP: e-mail to EMBS Webmaster

Title: Disruptive Innovations in Healthcare

Presenter: Dr. Robert Corona

Abstract:

The objectives of the presentation concentrate in the areas of innovation that create significant disruption in the delivery of medical care. There is correlation of creativity, imagination, invention, adoption with the way humans think. We will take a historical look at what has made innovations successful in medicine and what has not. A look at potential innovations in the future will complete the story.

Biography:

Robert Corona, D.O., clinical associate professor at SUNY Upstate Medical University, has been named Computer Professional of the Year 2000.

Corona founded Upstate's Telemedicine and Medical Informatics Program in 1995. The program was named one of two national Healthcare Open Systems Trial Sites and was nominated for the Computerworld/Smithsonian Award for Excellence in Medicine. As a professor at Upstate he won both Best Teacher of the Year and the President's Award for Excellence in Teaching.

Corona is a neuropathologist (expert in diagnosing diseases of the brain) and launched the nation's first teleneuropathology service. He is a diplomat of the American Board of Pathology and is board certified in both anatomic pathology and neuropathology. He is currently the chief medical officer at Welch Allyn, a medical devices company in Skaneateles.

Title: Innovations in Bioprocess Engineering in Central New York

Presenter: Dr. John Fieschko

Abstract:

Central New York is home to diverse activities and innovations in the bioprocess engineering field. The applications range from the manufacture of human therapeutic proteins to the production of ethanol and biodegradable polymers from sugars derived from wood. This presentation will review current activities and trends in the field and will highlight the research conducted at the CNY Biotechnology Research Center.

Biography:

John Fieschko has over twenty five years of research, development and manufacturing experience in the biotechnology industry. John received his B.S. in chemical engineering from Cornell University, and his M.S. and Ph.D. in biochemical engineering from the University of Pennsylvania. John was the first engineer hired at Amgen, Inc., and served as the Director of Process Development and Director of Clinical Manufacturing Operations for over 14 years. He led the development and implementation of the

manufacturing processes for Amgen's first major multi-billion dollar per year products, *Epogen* and *Neupogen*. Dr. Fieschko is currently the Executive Director of the Central New York Biotechnology Research Center located in Syracuse, New York. The Center fosters and develops academic/industry partnerships and collaborations in bioprocess engineering, drug development and education.