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ABSTRACT

Average salary increases for 2,679 faculty in the field of computer and information science are reported for 1983-1984 and 1986-1987, as part of the College and University Personnel Association's annual faculty salary studies. Included are comparative data for 120,580 faculty at 167 public colleges and 235 private colleges, representing 44 academic disciplines. In 1983, 106 public colleges and 122 private colleges reported on salaries of faculty in computer and information science, while 122 public and 156 private colleges reported in 1986. Between 1983 and 1986, average salaries of faculty in this field increased 26.5% at public colleges and 20.7% at private colleges. For 1986-1987, the average salary for computer and information science faculty was above the average faculty salary in the other 43 disciplines (4% above for public colleges and 1% above for private colleges). Included is information on: the number of faculty by academic rank, including new assistant professors; salaries by academic rank; the ratio of average salaries to total salaries of all institutions in both years; comparisons with the Consumer Price Index of changes in cost-of-living for both years; and comparisons with 43 other disciplines. The disciplines and participating institutions are listed. (SW)



SALARY-TREND STUDY OF FACULTY IN COMPUTER AND INFORMATION SCIENCE

FOR THE YEARS

1983-84 AND 1986-87

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) "

Since 1982-83 the College and University Personnel Association (CUPA) in Washington, D.C., in cooperation with Appalachian State University in Boone, North Carolina, has conducted annual national faculty salary studies by discipline and rank each year through 1986-87. Each year two separate studies are conducted, one for public senior colleges and universities which are members of the American Association of State Colleges and Universities (AASCU) in Washington, D.C., and the other for private senior colleges and universities. The list of private institutions is provided by the American Council on Education in Washington, D.C.

Salary data for each study were collected and tabulated for full-time teaching faculty in 44 selected academic disciplines including computer and information science. The disciplines were chosen from among those defined by the Higher Education General Information Study (HEGIS) Taxonomy and by A Classification of Instructional Programs (CIP), 1981. The definition of the discipline/major field of computer and information science in the CIP is as follows:

> A summary of groups of instructional programs that describe the coding, processing, and storage of data through repetitious and highly complex mathematical operations at high speed, and in accordance with strictly defined systems and procedures.

This article presents a summary of the overall average salary increases in the discipline/major field of computer and information science from the "baseline year" of 1983-84 to and including the "trand year" of 1986-87 for both public and private institutions in the 215 institutions which partici-

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pated in CUPA's PUBLIC (AASCU) study of 1983-84, 167 also participated in 1986-87. Data from those same 167 institutions were used in both the baseline year and the trend year. Of the 355 institutions which participated in CUPA'S PRIVATE study of 1983-84, 235 also participated in 1986-87. Data from those same 235 institutions were used in both the baseline year and the trend year.

This study lists the average salaries of computer and information science faculty for both public and private participating institutions by rank, including "new assistant professor," the FAC MIX PCT (faculty mix percentage) and the salary factor. In addition, comparisons are made with the CPI (consumer price index) of changes in cost-of-living between the two studies for each of the two study years (1983-84 and 1986-87).

The CPI is based on prices of food, clothing, shelter and fuels, transportation, medical care, entertainment, and other goods and services that people buy for day-to-day living. In examining trends in faculty salary it is important to consider any changes in the economy. Therefore, the CPI was used to yield a more precise representation of "real" salary increases over time.

The salary is based on a nine- or ten-month academic year salary of full-time faculty only. It does not include any faculty members teaching less than 51 percent. Salary for summer academic work, fringe benefits, and perquisites are not included in the salary data. The average salary is based on the study information with the assumption that all employees were full-time. The average salary displayed is an average of all faculty salaries reported for a given rank and Jiscipline.

The "NUM" means the number of faculty members whose salaries were included to compute the average salary.

The "N/IN" means the number of institutions that reported salary data for a given academic rank and discipline/major field.



The FAC MIX PCT is the percentage of faculty in a given discipline/major field who hold a given academic rank. For example, a FAC MIX PCT factor of .26 for associate professor of computer and information science in the 1983-84 public study means that 26 percent of the faculty in that discipline/major field hold the rank of associate professor.

The SALARY FACTOR for a given rank of a given discipline/major field is the ratio of the average salary to the total average salary of all institutions in each of the four studies: PUBLIC 1983-84, PUBLIC 1986-87, PRIVATE 1983-84 and PRIVATE 1986-67. For example, a SALARY FACTOR of 1.13 for assistant professors in the discipline/major field of computer and information science in the 1983-84 public study means that their salaries are 13 percent higher than the average of all assistant professors in all institutions in that study.

NEW ASST PROF is the grouping of assistant professors who were hired for the first time in the fall of the study year (1983-84 or 1986-87). All information for this group was included in the ASST PROF group for reporting purposes. This group is used mainly for new hiring information.

ALL MAJOR FIELDS is the entire data base for all 44 disciplines/major fields in cach of the four studies. It is used to compare, among other things, the discipline/major field of computer and information science with the entire data base for each study.

Of particular import to the reader is noting the size of the sample on which each percentage or dollar value is based. The smaller the number in the group, the greater the effect of extreme scores on a descriptive statistic such as the average. It should be noted also that any large disparity in the sample sizes between the "baseline year" of 1983-84 and the "trend year" of 1986-87 will lessen the reliability and validity of any conclusions that one might make based on a simple comparison of averages.



NEW ASS0 ASST ASST PROF PROF INSTRUCTOR ALL RANKS PROF PROF SALARY NUM N/IN PUBLIC, 1983-84: COMPUTER AND INFORMATION SCIENCE AVERAGE SALARY: 34470 109 55 303/9 182 79 25560 246 24605 19990 161 62 26923 698 106 FAC MIX PCT: 0.16 0.26 0.35 0.08 0.23 1.00 SALARY FACTOR: 1.04 1.12 1.00 1.13 1.11 1.10 ALL MAJOR FIELDS **AVERAGE** SALARY: 33110 11461 27-77 11328 22634 10381 26895 36612 167 22154 1290 18126 3442 FAC MIX PCT: 0.31 0.31 0.28 0.04 0.09 1.00 PUBLIC, 1986-87: COMPUTER AND INFORMATION SCIENCE AVERAGE SALARY: 43921 172 76 34055 941 122 36916 293 106 31452 311 →9 32089 46 32 23600 165 66 FAC MIX PCT: 0.18 0.31 0.33 0.05 1.00 0.18 SALARY FACTOR: 1.09 1.04 1.22 1.13 1.10 1.16 ALL MAJOR FIELDS **AVERAGE** SALARY: 40113 13035 32782 11510 27174 10781 32670 38815 167 26216 148/ 21478 3489 FAC MIX PCT: 0.34 0.30 0.28 0.04 0.09 1.00 PRIVATE, 1983-84: COMPUTER AND INFORMATION SCIENCE AVERAGE SALARY: 36036 38 26507 28280 107 55 24026 166 23951 40 31 20297 67 48 407 122 FAC MIX PCT: 0.16 0.26 0.41 0.10 0.16 1.00 SALARY FACTOR: 1.05 1.00 1.07 1.11 1.12 1.15 ALL MAJOR FIELDS **AVERAGE** SALARY: 34211 6450 26502 21689 21369 17673 1744 26553 21861 235 6767 6900 856 FAC MIX PCT: 0.30 0.31 0.32 0.04 1.08 1.00 PRIVATE, 1986-87: COMPUTER AND INFORMATION SCIENCE AVERAGE SALARY: 42893 96 59 35407 170 74 28814 28964 31994 633 156 283 126 46 38 23346 84 55 FAC MIX PCT: 0.15 1.00 0.27 0.45 0.07 0.13 SALARY FACTOR: 1.06 1.01 1.13 1.13 1.15 1.11 ALL MAJOR FIELDS **AVERAGE** SALARY: 40330 7187 31212 7199 25583 7269 25205 1173 31548 23292 235 20959 1637 FAC MIX PCT: 0.31 0.31 0.31 0.05 0.07 1.00



RESULTS OF THE TWO PUBLIC (AASCU) STUDIES, 1983-84 AND 1986-87

In the PUBLIC 1983-84 salary study in the above table, the reader may note that the discipline/major field of computer and information science was reported in 106 of the 167 public (AASCU) institutions. The average salary of the 698 faculty was \$26,923. This average salary was approximately the same (1.00) as the average salary of \$26,895 for all 36,612 faculty in ALL MAJOR FIELDS in the 1983-84 public study.

In the PUBLIC 1986-87 salary study in the above table, the discipline/major field of computer and information science was reported in 122 of the same 167 public (AASCU) institutions. The average salary of the 941 faculty was \$34,055. This average salary was approximately 4 percent (1.04) higher than the average salary of \$32,670 for all 38,815 faculty in ALL MAJOR FIELDS in the 1986-87 public study.

The increase in average salaries for all faculty in the discipline/major field of computer and information science after three years in the public institutions studied was 26.5 percent (\$34,055 minus \$26,923 equals \$7,132). The CPI of increased cost-of-living between October 1983 and October 1986 was 9.2 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 17.3 percent or an average of 5.8 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the public institutions studied was 21.5 percent (\$32,670 minus \$26,895 equals \$5,775). In comparison to the discipline/major field of computer and information science (26.5%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 5 percent (26.5% minus 21.5% equals 5.0%) less than faculty in the discipline/major field of computer and information science.

The reader may note that the faculty mix percentage in computer and



information science is lower at the professor rank than at the assistant professor rank in both the public studies: 0.16 vs 0.35 (1983-84) and 0.18 vs 0.33 (1986-87), respectively. The differences in faculty mix percentage at the ranks of professor and assistant professor in ALL MAJOR FIELDS for both public studies are as follows: 9.31 vs. 0.28 (1983-84) and 0.34 vs. 0.28 (1986-87), respectively. In other words ALL MAJOR FIELDS has a higher percentage of professors and a lower percentage of assistant professors compared to computer and information science in both of the public studies.

Finally, the hiring rate of new assistant professors in computer and information science in the public studies was higher than the hiring rate in ALL MAJOR FIELDS both in 1983-84, 7.7 percent (54/698) vs. 3.5 percent (1,290/36,612), respectively; and in 1986-87, 4.9 percent (46/941) vs. 3.8 percent (1,487/38,815), respectively.

RESULTS OF THE TWO PRIVATE STUDIES, 1983-84 AND 1986-87

In the PRIVATE 1983-84 salary study in the above table, the reader may note that the discipline/major field of computer and information science was reported in 122 of the 235 private institutions. The average salary of the 407 faculty was \$26,507. This average salary was approximately the same (1.00) as the average salary of \$26,553 for all 21,861 faculty in ALL MAJOR FIELDS in the 1983-84 private study.

In the PRIVATE 1986-87 salary study in the above table, the discipline/major field of computer and information science was reported in 156 of the same 235 private institutions. The average salary of the 633 faculty was \$31,994. This average salary was about 1 percent (1.01) higher than the average salary of \$31,548 for all 23,292 faculty in ALL MAJOR FIELDS in the 1986-87 private



study.

The increase in average salaries for all faculty in computer and information science after three years in the private institutions studied was 20.7 percent (\$31,994 minus \$26,507 equals \$5,487). The CPI of increased cost-of-living between October 1983 and October 1986 was 9.2 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 11.5 percent or 3.8 percent each year above the cost-of-living.

The increase in average salaries for all faculty in ALL MAJOR FIELDS after three years in the private institutions studied was 18.8 percent (\$31,548 minus \$26,553 equals \$4,995). In comparison to the discipline/major field of computer and information science (20.7%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 1.9 percent (20.7% minus 18.8% equals 1.9%) less than faculty in computer and information science.

In the discipline/major field of computer and information science, the reader may note that the faculty mix percentage at the professor rank is less than at the assistant professor rank in the private studies: 0.16 vs. 0.41 (1983-84), respectively; and 0.15 vs. 0.45 (1986-87), respectively. This is quite different from ALL MAJOR FIELDS for both private studies: 0.30 vs. 0.32 (1983-84), respectively; and 0.31 vs. 0.31 (1986-87), respectively. In other words ALL MAJOR FIELDS has a higher percentage of professors and a lower percentage of assistant professors compared to computer and information science in both private studies.

Finally, the reader may note that the hiring rate of new assistant professors in computer and information science in the private studies was greater than the hiring rate in ALL MAJOR FIELDS both in 1983-84, 9.8 percent (40/407) v 3.9 percent (856/21,861), respectively; and in 1986-87, 7.3 percent (46/633) vs. 5.0 percent (1,173/23,292), respectively.



CONCLUDING REMARKS

This article presented salary-trend information on the academic discipline/major field of computer and information science and compared that information with 43 other academic disciplines/major fields over a period of three years: the "baseline year" of 1983-84 through the "trend year" of 1986-87. Two studies, one for public (AASCU) institutions, and the other for private institutions were conducted for the baseline year and for the trend year—a total of four studies. A total of 2,679 faculty in the discipline/major field of computer and information science participated and were included in the overall total of 120,580 faculty in all 44 disciplines/major fields in all four studies. The same 167 public (AASCU) institutions and the same 235 private institutions in the United States participated in the baseline year and the trend year.

Although many interpolations and extrapolations of the data may be made, a few of the more important ones are as follows. First, the average faculty salarry in the discipline/major field of computer and information science is currently (1986-87) some 4 and 1 percent above the overail average faculty salaries of the other 43 disciplines/major fields for both the public and private studies, respectively. The average faculty salary for computer and information science in the private institutions was very similar to that in the public institutions in 1983-84. The overall salary factor in the private institutions is now (1986-87) 3 percent less in comparison to that for the public institutions: 1.01 vs 1.04, respectively.

Second, the CPI of Occober 1986, in comparison to the CPI of October 1983, indicates that the faculty in computer and information science, in both the public and private institutions, received overall salary increases for three years above the cost-of-Jiving. Computer and information science faculty salaries in both the public and private institutions exceeded faculty in ALL



MAJOR FIELDS during this same period by 5 percent and 1.9 percent, respectively. Computer and information science faculty in the private institutions have some catching up to do in salary in comparison to their colleagues in the public institutions.

Third, in the discipline/major field of computer and information science the assistant professor rank has a greater percentage compared to the full professor rank for both the public and private studies. The full professor rank appears to be increasing at a greater rate in the public institutions compared to the private institutions. It seems a smaller percentage of new assistant professors are being hired in the public institutions in comparison to the private institutions.

Now that a rather significant data base on individual fa_ulty member salaries has been developed, it is anticipated that additional salary-trend studies will be effected in computer and information science, and in other disciplines/major fields, on an annual basis.

Richard D. Howe is the originator and director of the annual CUPA faculty salary studies. He is a professor of leadership and higher education, and history at Appalachian State University, Boone, North Carolina. Co-author Laurie Vong is a research analyst in the Office of Equal Opportunity Programs at Appalachian State University, Boone, North Carolina.

APPENDICES:



¹⁾ OVERALL LIST OF SELECTED DISCIPLINES, page 10

²⁾ LIST OF PUBLIC Participating Institutions, page 11

³⁾ LIST OF PRIVATE Participating Institutions, page 13

APPENDIX A.

OVERALL LIST OF SELECTED DISCIPLINES

ACRIBUSINESS AND AGRICULTURAL PRODUCTION

LETTERS

ACCOUNTING

LIBRARY AND ARCHIVAL SCIENCES

ANTHROPOLOGY

LIFE SCIENCES

AREA AND ETHNIC STUDIES

MATHEMATICS

AUDIOLOGY AND SPEECH PATHOLOGY

MUSIC

BUSINESS & MANAGEMENT

MULTI-INTERDISCIPLINARY STUDIES

BUSINESS ADMINISTRATION AND MANAGEMENT

NURSING

BUSINESS ECONOMICS

PHILOSOPHY & RELIGION

CHEMISTRY

PHYSICAL EDUCATION

COMMUNICATION TECHNOLOGIES

PHYSICAL SCIENCES

COMMUNICATIONS

PHYSICS

COMPUTER & INFORMATION SCIENCES

POLITICAL SCIENCE

CURRICULUM AND INSTRUCTION

PSYCHOLOGY

DRAMATIC ARTS

READING EDUCATION

EDUCATION

SECRETARIAL AND RELATED PROGRAMS

EDUCATION ADMINISTRATION

SOCIAL SCIENCES

ENGINEERING

SOCIOLOGY

FINE ARTS

SPECIAL EDUCATION

FOREIGN LANGUAGES

GEOLOGICAL SCIENCES

STUDENT COUNSELING AND PERSONNEL

SERVICES

GEOGRAPHY

TEACHER EDUCATION, GENERAL

PROGRAMS

HISTORY

VISUAL AND PERFORMING ARTS

HOME ECONOMICS

TOTAL: 44



APPENDIX B.

CUPA Public (AASCU) Faculty Salary-Trend Studies: 1983-84 and 1986-87

Institutions Participating in Both Studies:

Alabama State University (AL)

Angelo State University (TX)

Appalachian State University (NC)

Arkansas State University (AR)

Arkansas Tech University (AR)

Auburn University at Montgomery (AL)

Augusta College (GA)

Austin Peay State University (TN)

Bail State University (IN)

Black Hills State College (SD)

Bluefield State College (WV)

California State University, Hayward (CA)

California State University, Long Beach (CA)

California University of Pennsylvania (PA)

Castleton State College (VT)

Cayey University College (PR)

Central Connecticut State University (CT)

Chadron State College (NE)

Christopher Newport College (VA)

Clarion University of Pennsylvania (PA)

College of Staten Island, The (NY)

College of the Virgin Islands at St. Croix (VI)

College of the Virgin Islands at St. Thomas (VI)

Columbus College (GA)

Concord College (WV)

Coppin State College (MD)

Delta State University (MS)

Dickinson State College (ND)

East Central University (OK)
East Tennessee State University (TN)

Table Tellifeasee State University (111)

East Texas State University at Texarkana (TX)

Eastern Connecticut State University (CT)

Eastern Montana College (MT)

Edinboro University of Pennsylvania (PA)

Fitchburg State College (MA)

Florida Atlantic University (FL)

Fort Hays State University (KS)

Francis Marion College (SC)

Frostburg State College (MD)

George Mason University (VA)

Georgia College (GA)

Georgia Southern College (GA)

Glenville State College (WV)

Grambling State University (LA)

Grand Valley State College (MI)

Harris-Stowe State College (MO)

Henderson State University (AR)

Idaho State University (ID)

Illinois State University (IL)

Indiana State University (IN)

Jacksonville State University (AL)

James Madison University (VA)

John Jay College of Criminal Justice (NY)

Keene State College (NH)

Kennesaw College (GA)

Lake Superior State College (MI)

Lewis Clark State College (ID)

Mansfield University (PA)

Marshall University (WV)

Mary Washington College (VA)

Mayville State College (ND)

Memphis State University (TN)

Metropolitan State College (CO)

Middle Tennessee State University (TN)

Midwestern State University (TX)

Millersville University (PA)

Minot State College (ND)

Mississippi University for Women (MS)

Missouri Southern State College (MO)

Missouri Western State College (MO)

Montana College of Mineral Science and

Technology (MT)

Murray State University (KY)

North Carolina Agricultural and Technical

State University (NC)

Northeast Louisiana University (LA)

Northeast Missouri State University (MO)

Northern Arizona University (AZ)

Northern Illinois University (IL)

Northern Kentucky University (KY)

Northern State College (SD)

Northwest Missouri State University (MO)

Oakland University (MI)

Old Dominion University (VA)

Pan American University (TX)

Peru State College (NE)

Pittsburg State University (KS)

Plymouth State College (NH)

Radford University (VA)

Saginaw Valley State College (MI)

Salem State College (MA)

Sangamon State University (IL)

Shepherd College (WV)

Shippensburg University (PA)



Participating Institutions (continued):

Slippery Rock University (PA) South Dakota School of Nines & Technology (SD) Southeast Missouri State University (MO) Southeastern Louisiana University (LA) Southeastern Massachusetts University (MA) Southern Arkansas University (AR) Southern Oregon State College (Ok) Southern Utah State College (UT) Southwest Missouri State University (MO) Southwest State University (MN) Southwestern Oklahoma State University (OK) St. Cloud University (MN) State University of New York College at Brockport (NY) State University of New York College at Buffalo (NY) State University of New York College at Cortland (NY) State University of New York College at Fredonia (NY) State University of New York College at Geneseo (NY) Stepmen F. Austin State University (TX) Tennessee Technological University (TN) Texas A&I University (TX) Texas A&M University at Galveston (TX) Texas Woman's University (TX) Towson State University (MD) Troy State University (AL) University of Akron, The (OH) University of Central Arkansas (AR) University of Colorado at Colorad Springs (CO) University of Colorado at Denver (CO) University of Maine at Farmington (ME) University of Maine at Fort Kent (ME) University of Montevallo (AL) University of Nebraska at Omaha (NE) University of Nevada, Las Vegas (NV) University of North Carolina at Asheville (NC) University of North Carolina at Garlotte (NC) University of North Florida (FL) University of Northern Iowa (IA) University of Science and Arts of Oklahoma (OK) University of South Alabama, The (AL) University of South Carolina - Aiken (SC) University of South Carolina at Spartanburg (SC) University of Southern Colorado (CO) University of Southern Mississippi (MS) University of Southwestern Louisiana (LA) University of Tennessee at Chattanooga (TN) University of Tennessee at Martin, The (TN) University of Texas at Dallas, The (TX) University of Texas at San Antonio (TX) University of Texas at Tyler, The (TX) University of Texas of the Permian Basin (TX) University of Wisconsin--Rau Claire (WI) University of Wisconsin--Green Bay (WI)

University of Wisconsin--La Crosse (WI) University of Wisconsin--Platteville (WI) University of Wisconsin--Stevens Point (WI) University of Wisconsin--Superior (WI) University of Wisconsin--Oshkosh (WI) Valdosta State College (GA) Wayne State College (NE) Weber State College (UT) West Georgia College (GA) West Texas State University (TX) West Virginia College of Graduate Studies (WV) West Virginia Institute of Technology (WV) Western Connecticut State University (CT) Western Illinois University (IL) Western Kentucky University (KY) Western Michigan University (MI) Western New Mexico University (NM) Western Oregon State College (OR) Western State College of Colorado (CO) Wichita State University, The (KS) William Paterson College of New Jersey (NJ) Winston-Salem State University (NC) Youngstown State University (OH)

<u>TOTAL: 167</u>



APPENDIX C.

CUPA Private (AASCU) Faculty Salary=Trend Studies: 1983-84 and 1986-87

Institutions Participating in Both Studies:

Abilene Christian University (TX) Albertus Magnus College (CT) Albion College (MI) Alfred University (NY) Alma College (MI) American College, The (PA) American University, The (DC) Anna Maria College (MA) Aquinas College (MI) Arkansas College (AR) Asbury College (KY) Augsburg College (MN) Aurora University (IL) Averett College (VA) Avila College (NO) Azusa Pacific University (CA) Babson College (MA) Bard College (NY) Barnard College (NY) Barry University (FL) Beaver College (PA) Bellarmine College (KY) Benedictine College (KS) Bethune-Cookman College (FL) Biola University (CA) Birmingham-Southern College (AL) Bisho, College (TX) Boston College (MA) Boston University (MA) Bradley University (IL) Briar Cliff College (IA) Bridgewater College (VA) Bryant College (RI) Bryn Mawr College (PA) Bucknell University (PA) Butler University (IN) Canisius College (NY) Capital University (OH) Carroll College (MT) Catawba College (NC) Cedar Crest College (PA) Cedarville College (Oh) Centenary College (NJ) Central College (IA) Central Wesleyan College (SC)

Christia, Brothers College (TN)

Clark University (MA)

Cogswell Polytechnical College (CA) College of Idaho, The (ID) College of Mount Saint Vincent (NY) College of New Rochelle (NY) College of Notre Dame (CA) College of Saint Elizabeth (NJ) College of St. Scholasti. 1 (MN) College of the Holy Cross (MA) Collegn of Wooster, The (OH) Columbia College (MO) Concol dia College (MI) Cooper Union for the Advangement of Science and art, The (NY) D'Youville College (NY) Defiance College, The (OH) Depaul University (IL) DePauw University (IN) Dickinson College (PA) Doane College (NE) Dordt Jollege, Inc. (IA) Drake University (IA) Drew University (NJ) Eastern College (PA) Eckerd College (FL) Elmhurst College (IL) Emory & Henry College (VA) Erskine College (SC) Ferrum College (VA) Findlay College (OH) Fontbonne College (MO) Fordham University (NY) Franklin and Marshall College (PA) Furman University (SC) Gannon University (PA) George Washington University, The (DC) Georgetown University (DC) Gonzaga University (WA) Graceland College (IA) Greensboro College (NC) Guilford College (NC) Hamline University (MN) Hartwick College (NY) Hawaii Loa College (HI) Heidelberg College (OH) Hood College (MD) Hope College (MI) Huntington College (IN)



Participating Institutions, continued:

Husson College (ME)	Norwich University (VT)
Huston-Tillotson College (TX)	Ohio Northern University (OH)
Illinois Benedictine College (IL)	Oklahoma Baptist University (OK)
Illinois College (IL)	Ottawa University (KS)
Immaculata College (PA)	Otterbein College (OH)
Iona College (NY)	Our Lady of the Holy Cross College (LA)
Ithaca College (NY)	Palm Beach Atlantic College (FL)
John Brown University (AR)	Parks College (MO)
John Carroll University (OH)	Pikeville College (KY)
Johns Hopkins University (MD)	Presbyterian College (SC)
Johnson C. Smith University (NC)	Queens College (NC)
Kansas Wesleyan (KS)	Quincy College (IL)
Kanyon College (OH)	Reed College (OR)
King's Coller (PA)	Regis College (MA)
La Roche College (PA)	Rider College (NJ)
Le Tourneau College (TX)	Ripon College (WI)
Lincoln Memorial University (TN)	Rockford College (IL)
Loyola College in Maryland (MD)	Rockhurst College (MO)
Lubbock Christian College (TX)	Sacred Heart College (NC)
Luther College (IA)	Saint John's University (MN)
Lycoming College (PA)	Saint Joseph College (CT)
Lynchburg College (VA)	Saint Joseph's College (IN)
Malone College (OH)	Saint Mary College (KS)
Manhattanville College (NY)	Saint Paul's College (VA)
Marist College (NY)	Saint Vincent College (PA)
Mary Baldwin College (V4)	Saint Xavier College (IL)
Marymount College (NY)	Salem College (NC)
Marymount Manhattan College (NY)	Salve ReginaThe Newport College (RI)
Maryville College (TN)	Scarritt Graduate School (TN)
Marywood College (PA)	School of the Ozarks, The (MO)
Mercy College (NY)	Seattle University (WA)
Mercy College of Detroit (MI)	Seton Hill College (PA)
Meredith College (NC)	Siena College (NY)
Merrimack College (MA)	Siena Heights College (MI)
Millikin University (IL)	Simpson College (IA)
Molloy College (NY)	Sioux Falls College (SD)
Monmouth College (NJ)	Southern California College (CA)
Moravian College (PA)	Southern Methodist University (TX)
Morningside College (IA)	Southwestern College (KS)
Morris Brown College (GA)	Spalding University (KY)
Mount Mary College (WI)	Springfield College (MA)
Mount Marty College (SD)	St. Bonaventure University (NY)
Mount Saint Clare College (IA)	St. Francis College (NY)
Mount Saint Mary's College (MD)	St. Mary's University (TX)
	St. Norbert College (WI)
Mount Vernon College (DC)	Suffolk University (MA)
Muskingum College (OH)	Sweet Briar College (VA)
Nazareth College (MI)	Syracuse University (NY)
Nazareth College of Rochester (NY)	· · · · · · · · · · · · · · · · · · ·
Neumann College (PA)	Taylor University (IN)
North Central College (IL)	Texas Christian University (TX)
Northwestern College (IA)	Texas Lutheran College (TX)
Northwestern College (MN)	



Participating Institutions, continued:

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Transylvania University (KY)
Tri-State University (IN)
Trinity College (DC)
Trinity College (VT)
Trinity University (TX)
University of Dayton (OH)
University of Dubuque, The (IA)
University of La Verne (CA)
University of Miami (FL)
University of Portland (OR)
University of San Diego (CA)
University of Scranton (PA)
University of the South, The (TN)
University of Tulsa (OK)
Ursuline College (OH)
Valparaiso University (IN)
Villa Maria College (PA)
Virginia Union University (VA)
Viterbo College (WI)
Wabash College (IN)
Wagner College (NY)
Walsh College (OH)
Warner Pacific College (OR)
Washington and Jefferson College (PA)
Washington and Lee University (VA)
West Virginia Wesleyan College (WV)
Western Maryland College (MD)
Westmar College (IA)
Westminster College of Salt Lake City (UT)
Whitman College (WA)
Whittier College (CA)
Widener University (PA)
William Jewell College (MO)
William Marsh Rice University (TX)
William Penn College (IA)
Wilmington Coalege (OH)
Wilson College (PA)
Wittenburg University (OH)
York College of Pennsylvania (PA)
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TOTAL: 235

