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#### **ABSTRACT**

Average salary increases for 6,899 faculty in the field of education are reported for 1984-1985 and 1987-1988, as part of the College and University Personnel Association's annual faculty salary studies. Included are comparative data for 160,596 faculty at 216 public colleges and 266 private colleges, representing 45 academic disciplines. In 1984, 122 public colleges and 152 private colleges reported on education faculty salaries, while 116 public and 146 private colleges reported in 1987. In 1987-88, the average faculty salary in this field was equal to and 3% lower in the public and private colleges, respectively, than the overall average faculty salary of the other 44 disciplines/major fields for both public and private colleges. The average salary for the field in the private colleges was lower than in the public colleges in 1984-85. In 1987-88, the overall salary average in the private colleges was 7% less than in the public 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 44 other disciplines. The disciplines and participating institutions are listed. (KM)



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Salary Trend Study of Faculty in Education for the Years 1984-85 and 1987-88

Richard Howe and Maryon Urquhart

US DEPARTMENT OF EDUCATION

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TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) "

# SALARY-TREND STUDY OF FACULTY IN EDUCATION

#### FOR THE YEARS

# 1984-85 AND 1987-88

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 1987-88. 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 45 selected academic disciplines including education. 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), 1985. The definition of the discipline/major field of education in the CIP is as follows:

A summary of groups of instructional programs that describe the art or processes of imparting knowledge, developing the powers of reasoning and judgement, and preparing others intellectually for a more mature life.

[\*Gerald S. Malitz, <u>A Classification of Instructional Programs</u> (Washington, DC.: National Center for Education Statistics, [1985], p. 66.--13.]

This article presents a summary of the overall average salary increases in the dis\_ipline/major field of education from the "baseline year" of 1984-85 to and including the "trend year" of 1987-88 for both public and private



institutions. Of the 272 institutions which participated in CUPA's PUBLIC (AASCU) study of 1984-85, 216 also participated in 1987-88. Data from those same 216 institutions were used in both the baseline year and the trend year. Of the 451 institutions which participated in CUPA'S PRIVATE study of 1984-85, 266 also participated in 1987-88. Data from those same 266 institutions were used in both the baseline year and the trend year.

This study lists the average salaries of education 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 (1984-85 and 1987-88).

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. Thus, by comparing changes in faculty salaries with the CPI, a more precise representation of the "real" salary increases is yielded.

The salary is based on a nine- or ten-month academic year salary of full-time faculty only. Full-time faculty members are those who teach no less than 51 percent of the time. Salary for summer academic work, fringe benefits, and perquisites are not included in the salary data. The average salary displayed is computed from all faculty salaries reported for a given rank and discipline.

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 .34 for associate professor of education in the 1984-85 public study means that 34 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 1984-85, PUBLIC 1987-88, PRIVATE 1984-85 and PRIVATE 1987-88. For example, a SALARY FACTOR of 0.99 for associate professors in the discipline/major field of education in the 1984-85 public study means that their salaries are 1 percent lower than the average salary of all associate 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 (1984-85 or 1987-88). 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 45 disciplines/major fields in each of the four studies. It is used to compare, among other things, the discipline/major field of education 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 1984-85 and the "trend year" of 1987-88 will lessen the reliability and validity of any conclusions that one might make based on a simple comparison of averages.



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NEW ASS0 ASST **ASST PROF** PROF PROF **PROF** INSTRUCTOR ALL RANKS SALARY NUM N/IN PUBLIC. 1984-85: **EDUCATION** AVERAGE SALARY: 35368 966 112 29039 845 115 24029 559 106 22464 66 35 18904 116 39 29898 2486 122 FAC MIX PCT: 0.39 0.34 0.22 0.03 0.05 1.00 SALARY FACTOR: 0.99 0.99 0.99 0.95 0.96 1.02 ALL MAJOR FIELDS AVERAGE SALARY: 35583 16647 29260 15785 24372 13767 23563 1931 19711 4112 29234 50311 216 FAC MIX PCT: 0.33 0.310.27 0.04 0.08 1.00 PUBLIC, 1987-88: **EDUCATION** AVERAGE SALARY: 41219 899 109 33607 718 110 27511 531 100 26574 106 48 21505 120 42 34556 2268 116 FAC MIX PCT: 0.40 0.32 0.23 0.05 0.05 1.00 SALARY FACTOR: 0.98 0.98 0.96 1.00 0.96 0.46 ALL MAJOR FIELDS **AVERAGE** SALARY: 42078 18029 34414 15437 28589 14226 27759 2245 34581 51570 216 22371 3878 FAC MIX PCT: 0.35 0.30 0.28 0.04 0.08 1.00 PRIVATE, 1984-85: **EDUCATION** AVERAGE SALARY: 34949 336 101 27833 382 108 22418 314 113 20261 31 26 19618 77 37 27885 1109 152 FAC MIX PCT: 0.30 0.34 0.03 0.28 0.07 1.00 SALARY FACTOR: 0.91 0.96 0.95 0.88 1.03 0.94 ALL MAJOR FIELDS **AVERAGE** SALARY: 38304 9450 29006 8980 23612 8649 2.5044 19015 1912 1224 29769 28991 266 FAC MIX PCT: 0.33 0.31 0.30 0.04 0.07 1.00 PRIVATE, 1987-88: **EDUCATION** AVERAGE SALARY: 40012 319 100 32723 352 100 25828 299 104 23444 39 21544 30 32265 1036 146 46 66 FAC MIX PCT: 0.31 0.34 0.29 0.04 0.06 1.00 SALARY FACTOR: 0.89 0.97 0.92 0.91 0.86 0.97 ALL MAJOR FIELDS AVERAGE SALARY: 45193 9944 33900 9299 27999 8810 27388 1322 22156 1671 35269 29724 266 FAC MIX PCT: 0.33 0.31 0.30 0.04 0.06 1.00



RESULTS OF THE TWO PUBLIC (AASCU) STUDIES, 1984-85 AND 1987-88

In the PUBLIC 1984-85 salary study in the above table, the reader may note that the discipline/major field of education was reported in 122 of the 216 public (AASCU) institutions. The average salary of the 2,486 faculty was \$29,898. This average salary was approximately 2 percent (1.02) higher than the average salary of \$29,234 for all 50,311 faculty in ALL MAJOR FIELDS in the 1984-85 public study.

In the PUBLIC 1987-88 salary study in the above table, the discipline/major field of education was reported in 116 of the same 216 public (AASCU) institutions. The average salary of the 2,268 faculty was \$34,556. This average salary was approximately the same as the average salary of \$34,556 for all 51,570 faculty in ALL MAJOR FIELDS in the 1987-88 public study.

The increase in average salaries for all faculty in education after three years in the public institutions studied was 15.6 percent (\$34,556 minus \$29,898 equals \$4,658). The CPI of increased cost-of-living between October 1984 and October 1987 was 9.5 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 6.1 percent or an average of 2.0 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 as 18.3 percent (\$34,581 minus \$29,234 equals \$5,347). In comparison to the discipline/major field of education (15.6%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 2.7 percent (18.3% minus 15.6% equals 2.7%) more than faculty in the discipline/major field of education.

The reader may note that the faculty mix percentages in education are higher at the professor rank than at the assistant professor rank for both of the public studies. The faculty mix percentages of professor and assistant



professor are 0.39 and 0.22 (1984-85) respectively; and 0.42 and 0.26 (1987-88) respectively. The differences in the ranks of professor and assistant professor in ALL MAJOR FIELDS for both public studies are 0.33 vs. 0.27 (1984-85), respectively; and 0.35 vs. 0.28 (1987-88) respectively. In other words ALL MAJOR FIELDS has a lower percentage of full professors and a higher percentage of assistant professors when compared to education in both of the public studies.

Finally, the hiring rate of new assistant professors in education is lower in the 1984-85 public study compared to ALL MAJOR FIELDS: 2.7 percent (66/2,486) vs. 3.8 percent (1,931/50,311), respectively. In 1987-88, however, the hiring rate of new assistant professors in education is greater than that of ALL MAJOR FIELDS: 4.7 percent (106/2,268) vs. 4.4 percent (2,245/51,570), respectively.

#### RESULTS OF THE TWO PRIVATE STUDIES, 1984-85 AND 1987-88

In the PRIVATE 1984-85 salary study in the above table, the reader may note that the discipline/major field of education was reported in 152 of the 266 private institutions. The average salary of the 1,109 faculty was \$27,885. This average salary was approximately 6 percent (0.94) lower than the average salary of \$29,769 for all 28,991 faculty in ALL MAJOR FIELDS in the 1984-85 private study.

In the PRIVATE 1987-88 salary study in the above table, the major field of education was reported in 146 of the same 266 private institutions. The average salary of the 1,036 faculty was \$32,265. This average salary was approximately 9 percent (0.91) lower than the average of \$35,269 for all 29,724 faculty in ALL MAJOR FIELDS in the 1987-88 private study.

The increase in average salaries for all faculty in education after three



years in the private institutions studied was 15.7 percent (\$32,265 minus \$27,885 equals \$4,380). The CPI of increased cost-of-living between October 1984 and October 1987 was 9.5 percent. A more realistic increase, therefore, in average faculty salaries over the three-year time period is 6.2 percent or 2.1 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 18.5 percent (\$35,269 minus \$29,769 equals \$5,500). In comparison to the discipline/major field of education (15.7%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 2.8 percent (18.5% minus 15.7% equals 2.8%) more than faculty in the discipline/major field of education.

The reader may note that in the field of education, the faculty mix percentage is sightly higher at the professor rank than at the assistant professor rank in the private studies: 0.30 vs. 0.28 (1984-85), respectively; and 0.31 vs. 0.29 (1987-88), respectively. These proportions are very similar to those at the same ranks for ALL MAJOR FIELDS in both private studies: 0.33 vs 0.30 (1987-88), respectively; and 0.33 vs 0.30 (1987-88), respectively.

Finally, the reader may note that the hiring rate of new assistant professors in education was less than the hiring rate in ALL MAJOR FIELDS in the 1984-85 study: 2.8 percent (31/1,109) vs. 4.2 percent (1,224/28,991), respectively. In the 1987-88 study, however, the hiring rate of new assistant professors in education was the same as that in ALL MAJOR FIELDS: 4.4 percent (46/1,036) vs. 4.4 percent (1,322/29,724), respectively. In other words the hiring rate in the discipline/major field of education is less than that for ALL MAJOR FIELDS in the 1984-85 study; but the same in the 1987-88 study.



## CONCLUDING REMARKS

This article presented salary-trend information on the academic discipline/major field of education and compared that information with 44 other academic disciplines/major fields over a period of three years: the "baseline year" of 1984-85 through the "+rend year" of 1987-88. 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 6,899 faculty in the discipline/major field of education participated and were included in the overall total of 160,596 faculty in all 45 disciplines/major fields in all four studies. The same 216 public (AASCU) institutions and the same 266 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 salary in the discipline/major field of education is currently (1987-88) equal to and 3 percent lower in the public and private institutions, respectively, than the overall average faculty salary of the other 44 disciplines/major fields. The average faculty salary for education in the private institutions was lower in comparison to that in the public institutions in 1984-85. The overall faculty salary average in the private institutions is now (1987-88), 7 percent less compared to that for the public institutions.

Second, the CPI of October 1987, in comparison to the CPI of October 1984, indicates that the faculty in education, in both the public and private institutions, received overall salary increases for three years above the cost-of-living. Education faculty salaries in the public and private institutions lagged behind faculty salaries in ALL MAJOR FIELDS during this same



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period. Education faculty in private institutions have some catching up to do in salary in comparison with faculty in ALI MAJOR FIELDS and their colleagues in the public institutions.

Third, in the discipline/major field of education, the assistant professor rank has a much lower percentage of faculty compared to the full professor rank in the public institutions, while in the private institutions this difference is much less pronounced. The full professor rank appears to be increasing about equally in the public and private institutions. It seems a smaller percentage of new assistant professors are being hired in the private institutions.

Now that a rather significant data base on individual faculty member salaries has been developed, it is anticipated that additional salary-trend studies will be effected in education, 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 Maryon Urquhart is a research analyst in the Office of Equal Opportunity Programs at Appalachian State University, Boone, North Carolina.

#### APPENDICES:

- A) OVERALL LIST OF SELECTED DISCIPLINES, page 10
- B) LIST OF PUBLIC Participating Institutions, page 11
- C) LIST OF PRIVATE Participating Institutions, page 14



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#### APPENDIX A

#### OVERALL LIST OF SELECTED DISCIPLINES

ACCOUNTING

HOME ECONOMICS

AGRIBUSINESS AND AGRICULTURAL PRODUCTION

LETTERS

ANTHROPOLOGY

LIBRARY AND ARCHIVAL SCIENCES

ARCHITECTURE AND ENVIRONMENTAL DESIGN

LIFE SCIENCES

AREA AND ETHNIC STUDIES

**MATHEMATICS** 

AUDIOLOGY AND SPEECH PATHOLOGY

MULTI-INTERDISCIPLINARY STUDIES

BUSINESS AND MANAGEMENT

MUSIC

BUSINESS ADMINISTRATION AND MANAGEMENT

NURSING

BUSINESS FCONOMICS

PHILOSOPHY AND RELIGION

CHEMISTRY

PHYSICAL EDUCATION

COMMUNICATIONS TECHNOLOGIES

PHYSICAL SCIENCES

COMMUNICATIONS

PHYSICS

COMPUTER AND INFORMATION SCIENCES

POLITICAL SCIENCE AND GOVERNMENT

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

STUDENT COUNSELING AND PERSONNEL

SERVICES

GŁOGRAPHY

TEACHER EDUCATION, GENERAL

PROGRAMS

GEOLOGICAL SCIENCES

VISUAL AND PERFORMING ARTS

HISTORY

TOTAL: 45



#### APPENDIX B

CUPA Public (AASCU) Faculty Salary-Trend Studies: 1384-85 and 1987-88

Institutions Participating in Both Studies:

Adams State College 'CO) Alabama State University (AL) Albany State College (GA) Angelo State University (TX) Appalachian State University (NC) Arkansas State University (AR) Arkansas Tech University (AR) Armstrong State College (GA) Auburn University at Montgomery (AL) Augusta College (GA) Black Hills State College (SD) Bluefield State College (WV) Boise State University (ID) Bowling Green State University (OH) California State College, Bakersfield (CA) California State University, Dominguez Hills (CA) California State University, Flyward (CA) California State University, Long Beach (CA) California State University, Los Angeles (CA) California University of Pennsylvania (PA) Castleton State College (VT) ntral Connecticut State University (CT) Central Missouri State University (MO) Central State University (OK) Central Washington University (WA) Chadron State College (NE) Citadel, (The) Military College of South Carolina (SC) Clarion University of Pennsylvania (PA) Cleveland State University (OH) Clinch Valley College of the University of Virginia (VA) College of Charleston (SC) College of Staten Island, The (NY) College of the Virgin Islands at St. Thomas (VI) Columbus College (GA) Corpus Christi State University (TV) Dakota State College (SD) Delta State University (MS) East Central University (OK) East Tennessee State University (TN) East Texas State University (TX) Eastern Connecticut State University (Cf) Eastern Illinois University (IL) Eastern Kentucky University (KY) Eastern Montana College (MT)

Eastern New Mexico University (NM)

Edinboro University of Pennsylvania (PA) Fitchburg State College (MA) Florida International 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) Georgia Southwestern College (GA) Crambling 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) Indiana University East (IN) Indiana University of Pennsylvania (PA) Jacksonville State University (AL) James Madison University (VA) John Jay College of Criminal Justice (NY) Kearney State College (NE) Keene State College (NH) Kennesaw College (GA) Kutztown University (PA) Lake Superior State College (MI) Lander College (SC) Lewis Clark State College (ID) Livingston University (AL) Lock Haven University (PA) Longwood College (VA) Louisiana State University in Shreveport (LA) Louisiana Tech University (IA) Lyndon State College (VT) Mansfield University (PA) Marshall University (WV) Mary Washington College (VA) Mayville State College (ND) McNeese State University (LA) Mesa College (CO) Metropolitan State College (CO) Metropolitan State University (MN) Middle Tennessee State University (TN) Midwestern State University (TX) Millersvill University (PA)



Minut State College (ND) Mississippi University for Women (MS) Missouri Southern State College (MO) Missouri Western State College (MO) Montana College of Mineral Science & Technology (MT) Montclair State Collage (NJ) Moorhead State University (MN) Morehead State University (KY) Morgan State University (MD) North Carolina Agricultural & Technical State University (NC) North Texas State University (TX) Northeast Louisiana University (LA) Northeastern Illinois University (IL) Northern Arizona University (AZ) Northern Illinois University (IL) Northern Michigan Unversity (MI) Northern Montana College (MT) Northern State College (SD) Northwest Missouri State University (MO) Northwestern State University (LA) Oakland University (MI) Old Dominion University (VA) Oregon Institute of Technology (OR) Peru State College (NE) Pittsburg State University (KS) Plymouth State College (NH) Portland State University (OR) Purdue University at Calumet (IN) Radford University (VA) Rhode Island College (RI) Salem State College (MA) Salisbury State College (MD) Sangamon State University (IL) Shepherd College (WV) Shippensburg University (PA) Sonoma State University (CA) South Dakota School of Mines & Technology (SD) Southeast Missouri State University (MO) Southern Arkansas University (AR) Southern Connecticut State University (CT) Southern Illinois University at Edwardsville (IL) Southern Oregon State College (OR) Scuthwest Missouri State University 'MO) Southwest Texas State University (TX) St. Cloud University (MN) State Uni ersity of New York College at Brockp t (NY) State University of New York College at Buffalo (NY)

State University of New York College at Co.tland (NY) State University of New York College at Geneseo (NY) State University of New York College at Old Westbury (NY) State University of New York College at Plattsburgh (NY) State University of New York College of Technology at Utica/Rome (NY) Stephen F. Austin State University (TX) Sul Ross State University (TX) Tennessee Technological University (TN) Texas A&I University (TX) Texas A&M University at Galveston (TX) Towson State University (MD) Trenton State College (NJ) Troy State University (AL) University of Akron, The (OH) University of Alaska at Juneau (AK) University of Arkansas at Little Rock (AR) University of Arkansas at Monticello (AR) University of Central Florida (FL) University of Colorado at Colorado Springs (CO) University of Colorado at Denver (CO) University of Houston--Clear Lake (TX) University of Houston--Downtown (TX) University of Lowell (MA) University of Maine at Presque Isle (ME) University of Maryland Baltimore County (MD) University of Missouri--St. Louis (MO) 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 Charlotte (NC) University of North Carolina at Greensboro (NC) University of North Carolina at Wilmington (NC) University of Northern Colorado (CO) 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 Indiana (IN) University of Southern Maine (ME) University of South rn Mississippi (MS) University of Tennessee at Chattanooga (TN) University ( Tennessee at Martin, The (TN) University of Texas at Dallas, The (TX)

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University of Texas at San Antonio (TX)
University of Texas of the Permian Basin (TX)
University of the District of Columbia (DC)
University of West Florida (FL)
University of Wisconsin--Eau Claire (WI)
University of Wisconsin--Green Bay (WI)
University of Wisconsin--Platteville (WI)
University of Wisconsin--Stevens Point (WI)
University of Wisconsin--Stout (WI)
University of Wisconsin--Superior (WI)
University of Wisconsin--Whitewater (WI)
University of Wisconsin Oshkosh (WI)
Valdosta State College (GA)
Weber State College (UT)
West Georgia College (GA)
West Liberty State College (WV)
West Texas State University (TX)
West Virginia College of Graduate Studies (WV)
West Virginia Institute of Technology (WV)
West Virginia State College (WV)
Western Carolina University (NC)
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)
Westerr Washington Unviersity (WA)
Wichita State University, The (KS)
Winona State University (MN)
Youngstown State University (OH)
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Total: 216



#### APPENDTX C

CUFA Private Faculty Salary-Trend Studies: 1984-85 and 1987-88

Institutions Participating in Both Studies:

Catholic University of America, The (DC) Abilene Christian University (TX) Agnes Scott College (GA) Catholic University of Puerto Rico (PR) Albertus Magnus College (CT) Cedar Crest College (PA) Allentown College of St. Francis de Sales (PA) Cedarville College (OH) Alma College (MI) Central College (IA) Chaminade University of Honolulu (HI) Alverno College (WI) American College, The (PA) Christian Brothers College (TN) American Graduate School of International Management (AZ) Claremont Graduate School (CA) American Technological University (TX) Clark University (MA) American University, The (DC) Clarke College (IA) Amherst College (MA) Clarkson University (NY) Andover Newton Theological 3chool (MA) Cogswell Polytechnical College (CA) Anna Maria College (MA) Coker College (SC) Aquinas College (MI) Colgate University (NY) Arkansas College (AR) Cullege of Great Falls (MT) Asbury College (KY) College of Mount Saint Vincent (NY) Augustana College (IL) College of Mount St. Joseph (OH) Aurora University (IL) College of Saint Benedict (MN) Austin College (TX) College of Saint Elizabeth (NJ) Averett College (VA) College of Saint Rose, The (NY) College of St. Joseph (VT) Avila College (MO) Azusa Pacific University (CA) College of St. Scholastica (MN) College of the Holy Cross (MA) Babson College (MA) Bard College (NY) College of Wooster, The (OH) Barry Uni 'ersity (FL) Columbia Bible College (SC) Beaver College (PA) Columbia College (MO) Benedictine College (KS) Concordia College (MI) Bennett College (NC) Concordia College (MN) Bentley College (MA) Concordia College (NY) Biola University (CA) Concordia College (OR) Birmingham-Southern College (AL) Concordia College Wisconsin (WI) Boston College (MA) Converse College (SC) Cooper Union for the Advancement of Bradley University (IL) Science and Art, The (NY) Briar Cliff College (IA) Cornell College (IA) Bridgewater College (VA) Brigham Young University (UT) Cornell University (NY) Creighton University (NE) Bryant College (RI) Bryn Mawr College (PA) Curry College (MA) D'Youville College (NY) Bucknell University (PA) Butler University (IN) Davis & Elkins College (WV) Campbellsville College (XY) Defiance College, The (OH) Canisius College (NY) DePaul University (IL) Capitol Institute of Technology (MD) Dickinson College (PA) Carnegie-Mellon University (PA) Dordt College, Ir: (IA) Carroll College (MI, Drake University (IA)



Carroll College (WI)

Drew University (NJ)

Duquesne University (PA) Lycoming College (PA) Lynchburg College (VA) Eastern Mennonite College and Seminary (VA) Manhattanville College (NY) Eckerd College (FL) Marion College (IN) Elmhurst College (IL) Mary Baldwin College (VA) Elmira College (NY) Marymount College (NY) Elms College (MA) Embry-Riddle Aeronautical University (FL) Maryville College (TN) Maryville College--St. Louis (MO) Emerson College (MA) Emory & Henry College (VA) Marywood College (PA) Massachusetts Institute of Technology (MA) Fairfield University (CT) McPherson College (KS) Fontbonne College (MO) Fordham University (NY) Mercy College of Detroit (MI) Mercyhurst College (PA) Fort Wayne Bible College (IN) George Washington University, The (DC) Merrimack College (MA) Milwaukee School of Engineering (WI) Georgetown University (DC) Moravian College (PA) Georgian Court College (NJ) Mount Mary College (WI) GMI Engineering & Management Institute (MI) Mount Mercy College (IA) Gonzaga University (WA) Gordon College (MA) Mount Saint Clare College (IA) Mount Saint Mary's College (MD) Goshen College (IN) Mount Senario College (WI) Grand View College (IA) Nazareth College (MI) Guilford College (NC) Neumann College (PA) Hartwick College (NY) North Central College (IL) Heidelberg College (OH) High Point College (NC) North Park College (IL) Northeastern University (MA) Hope College (MI) Northrop University (CA) Husson College (ME) Northwestern College (IA) Illinois Benedictine College (IL) Notre Dame College (OH) Illinois College (IL) Oakwood College (AL) Illinois Institute of Technology (IL) Oklahoma Baptist University (OK) Immaculata College (PA) Otterbein College (OH) Inter American University of Puerto Rico Pepperdine University (CA) --at San German (PR) Phillips University (OK) Iona College (NY) Pikeville College (KY) Ithaca College (NY) Point Loma Nazarene College (CA) John Carroll University (OH) Polytechnic University (NY) Judson College (IL) Principia College (IL) Kalamazoo College (MI) Quinnipiac College (CT) Kenyon College (OH) Randolph-Macon Woman's College (VA) King's College (PA) Reed College (OR) La Roche College (PA) Reformed Bible College (MI) Lancaster Bible College (PA) Rensselaer Polytechnic Institute (NY) Le Moyne College (NY) Le Tourneau College (TX) Rider College (NJ) Rio Grande College/Community College (OH) Lebanon Valley College (PA) Rockford College (IL) Lewis & Clark College (OR) Rockhurst College (MO) Linfield College (OR) Rose-Hulman Institute of Technology (IN) Long Island University (NY) Saint Edward's University (TX) Loras College (IA) Saint Joseph College (CT) Loyola College in Maryland (MD) Saint Mary College (KS) Luther College (IA)



Saint Michael's College (VT) Saint Peter's College (NJ) Saint Vincent College (PA) Salem College (NC) School of the Ozarks, The (MO) Seattle Pacific University (WA) Seattle University (WA) Seton Hill College (PA) Siena College (NY) Siena Heights College (MI) Simpson College (IA) Skidmore College (NY) Southern California College (CA) Southern Methodist University (TX) Southwestern Assemblies of God College (TX) Southwestern College (KS) Spalding University (NY) Springfield College (MA) St. Francis College (NY) St. Mary's University (TX) St. Norbert College (WI) Stevens Institute of Technology (NJ) Suffolk University (MA) Susquehanna University (PA) Syract se University (NY) Tabor College (KS) Taylor University (IN) Texas Christian University (TX) Thomas College (ME) Transylvania University (KY) Trinity Christian College (IL) Trinity College Inc. (VT) Trinity University (TX) Tulane University (LA) University of Dallas, The (TX) University of Dayton (OH) University of Detroit (MI) University of Dubuque, The (IA) University of Hartford (CT) University of Judaism (CA) University of La Verne (CA) University of Portland (OR) University of Redlands (CA) University of Richmond (VA) University of San Diego (CA) University of St. Thomas (TX) University of the South, The (TN) University of Tampa (FL) Upsala College (NJ) Urbana University (OH) Ursuline College (OH)

Utica College of Syracuse University (NY) Villa Maria College (PA) Viterbo College (WI) Walsh College (OH) Wartburg College (IA) Washington and Jefferson College (PA) Wesleyan University (CT) Western Maryland College (MD) Western New Englang College (MA) Westmar College (IA) Westminster College of Salt Lake City (UI) Wheeling College, Inc. (WV) Whitman College (WA) Whittier College (CA) Widener University (PA) William Jewell College (MO) William Marsh Rice University (TX) William Penn College (IA) Wilmington College (OH) Wittenburg University (OH) Worcester Polytechnic Institute (MA) Xavier University (OH) York College of Pennsylvania (PA)

TOTAL: 266

