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AUTHOR Howe, Richard D.; Urquhart, Maryon

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#### ABSTRACT

Average salary increases for 6,430 faculty in the field of business administration and management 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, 151 public colleges and 145 private colleges reported on business administration and management faculty salaries, while 148 public and 145 private colleges reported in 1987. In 1987-88, average faculty salaries in this field were approximately 9% and 10% above the overall average faculty salaries of the other 44 disciplines/major fields for both public and private colleges, respectively. The average salary for the field in the private colleges was greater than in the public colleges in 1984-85. In 1987-88, the overall salary average in the private colleges was \$1,190 above that of 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 Fauclty in Business Administration and Management for the Years 1984-85 and 1987-22

Richard Howe & Maryon Urguhart

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# SALARY-TREND STUDY OF FACULTY IN BUSINESS ADMINISTRATION AND MANAGEMENT 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 fuli-time teaching faculty in 45 selected academic disciplines including business administration and management. 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 business administration and management in the CIP is as follows:

An instructional program that generally describes the planning, organizing and controlling of a business, including organizational and human aspects, with emphasis on various theories of management, the knowledge and understanding necessary for managing people and functions, and decision making.\*

[\*Gerald S. Malitz, A <u>Classification of Instructional Programs</u> (Washington, D.C.: National Center for Figure 1981) p. 49.--06.0401]

This article presents a summary of the overall average salary increases in the discipline/major field of business administration and management 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 faculty in business administration and management for both public and private participating institutions by rank including "new assistant professor," the faculty mix percentage (FAC MIX PCT) 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 scudy 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. 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 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 fCT factor of .32 for associate professor of business administration and management in the 1984-85 public study means that 32 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 1.11 for assistant professors in the discipline/major field of business administration and management in the 1984-85 public study means that their salaries are 11 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 (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 business administration and management 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 1987-38 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** INSTRUCTOR ALL RANKS **PROF** PROF SALARY NUM N/IN PUBLIC, 1984-85: BUSINESS ADMINISTRATION & MANAGEMENT AVERAGE SALARY: 37897 516 124 27174 642 137 30518 2073 151 31877 656 140 27484 121 70 20669 259 95 FAC MIX PCT: 0.25 0.32 0.31 1.00 0.06 0.12 SALARY FACTOR: 1.07 1.05 1.09 1.17 1.04 1.11 ALL MAJOR FIELDS **AVERAGE** SALARY: 35583 16647 29234 50311 216 29260 15785 24372 13767 23563 1931 19711 4112 FAC MIX PCT: 0.33 1.00 0.31 0.27 0.04 0.08 PUBLIC, 1987-88: BUSINESS ADMINISTRATION & MANAGEMENT AVERAGE SALARY: 45529 510 125 38835 637 133 24867 211 87 37527 1990 148 33979 632 136 35798 121 67 FAC MIX PCT: 0.26 0.32 1.00 0.32 0.06 0.11 SALARY 1.09 FACTOR: 1.08 1.13 1.19 1.29 1.11 ALL MAJOR FIELDS AVERAGE SALARY: 42078 18029 34414 15437 28589 14226 27759 2245 22371 3878 34581 51570 216 FAC MIX PCT: 0.35 1.00 0.30 0.28 0 04 0.08 PRIVATE, 1984-85: BUSINESS ADMINISTRATION & MANAGEMENT AVERAGE SALARY: 42195 241 77 33238 365 105 27505 391 114 79 43 32286 1076 145 28612 63 40 21329 FAC MIX PCT: 1.00 0.22 0.34 0.36 0.06 0.07 SALARY FACTOR: 1.10 1.24 1.08 1.15 1.16 1.12 ALL MAJOR FIELDS AVERAGE SALARY: 38304 9450 29769 28991 266 29006 19015 1912 8980 23612 8649 23044 1224 FAC MIX PCT: 0.33 0.04 0.07 1.00 0.310.30 PRIVATE, 1987-88: BUSINESS ADMINISTRATION & MANAGEMENT **AVERAGE** 38717 1291 145 SALARY: 50356 303 83 82 49 38662 434 110 33089 472 122 33283 91 48 23397 FAC MIX PCT: 0.23 1.00 0.34 0.07 0.06 0.37 SALARY FACTOR: 1.11 1.14 1.18 1.22 1.28 1.10 ALL MAJOR FIELDS **AVERAGE** SALARY: 45193 0944 33970 9299 27999 8810 27388 1322 35269 29724 266 22156 1671 FAC MIX 1.00 PCT: 0.33 0.31 0.30 0.04 0.06



## 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 business administration and management was reported in 151 of the 216 public (AASCU) institutions. The average salary of the 2,073 faculty was \$30,518. This average salary was approximately 4 percent (1.04) 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 business administration and management was reported in 148 of the same 216 public (AASCU) institutions. The average salary of the 1,990 faculty was \$37,527. This average salary was approximately 9 percent (1.09) higher than the average salary of \$34,581 for all 51,570 faculty in ALL MAJOR FIELDS in the 1987-88 public study.

The increase in average salaries for all faculty in business administration and management after three years in the public institutions studied was 30.0 percent (\$37,527 minus \$30,518 equals \$7,009). 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 20.5 percent or an average of 6.8 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 18.3 percent (\$34,581 minus \$29,234 equals \$5,347). In comparison to the discipline/major field of business administration and management (30.0%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 11.7 percent (30.0% minus 18.3% equals 11.7%) less than faculty in the discipline/major field of business administration and management.



The reader may note that the faculty mix percentage in business administration and management is lower at the professor rank than at the assistant professor rank in both the public studies: 0.25 vs 0.31 (1984-85) and 0.26 vs 0.32 (1987-88), 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: 0.33 vs. 0.27 (1984-85) and 0.35 vs. 0.28 (1987-88), respectively. In other words ALL MAJOR FIELDS has a higher percentage of professors and a lower percentage of assistant professors compared to business administration and management in both of the public studies.

Finally, the hiring rate of new assistant professors in business administration and management in the public studies was higher than the hiring rate in ALL MAJOR FIELDS both in 1984-85, 5.8 percent (121/2,073) vs. 3.8 percent (1,931/50,311), respectively; and in 1987-88, 6.1 percent (121/1,990) 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 cable, the reader may note that the discipline/major field of business administration and management was reported in 145 of the 266 private institutions. The average salary of the 1,076 faculty was \$32,286. This average salary was approximately 8 percent (1.08) higher than the average salary of \$29,769 for all 28,991 faculty in ALL MAJOR FIFLDS in the 1984-85 private study.

In the PRIVATE 1987-88 salary study in the above table, the discipline/major field of business administration and management was reported in 145 of the same 266 private institutions. The average salary of the 1,291 faculty was \$38,717. This average salary was about 10 percent (1.10) higher than the average salary 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 business administration and management after three years in the private institutions studied was 19.9 percent (\$38,717 minus \$32,286 equals \$6,431). 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 10.4 percent or 3.5 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 business administration and management (19.9%), therefore, the faculty in ALL MAJOR FIELDS increased their salaries by 1.4 percent (19.9% minus 18.5% equals 1.4%) more than faculty in business administration and management.

In the discipline/major field of business administration and management, 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: 0.22 vs. 0.36 (1984-85), respectively; and 0.23 vs. 0.37 (1987-88), respectively. This is quite different from ALL MAJOR FIELDS for both private studies: 0.33 vs. 0.30 (1984-85), respectively; and 0.33 vs. 0.30 (1987-89), respectively. In other words ALL MAJOR FIELDS has a higher percentage of professors and a lower percentage of assistant professors compared to business administration and management in both private studies.

Finally, the reader may note that the hiring rate of new assistant professors in business administration and management in the private studies was greater than the hiring rate in ALL MAJOR FIELDS both in 1984-85, 5.9 percent (63/1,076) vs. 4.2 percent (1,224/28,991), respectively; and in 1987-88, 7.1 percent (91/1,291) vs. 4.4 percent (1,322/29,724), respectively.



#### CONCLUDING REMARKS

This article presented salary-trend information on the academic discipline/major field of business administration and management 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 "trend 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 6,430 faculty in the discipline/major field of business administration and management participated and were included in the overall total of 160,596 facult; 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 business administration and management is currently (1987-88) some 9 and 10 percent above the overall average faculty salary of the other 44 disciplines/major fields for both the public and private studies, respectively. The average faculty salary for business administration and management in the private institutions was more compared to that in the public institutions in 1984-85. The overall salary average in the private institutions is now (1987-88) \$1,190 above that for the public institutions.

Second, the CPI of October 1987, in comparison to the CPI of October 1984, indicates that the faculty in business administration and management, in both the public and private institutions, received overall salary increases for three years above the cost-of-living. Business administration and management faculty salaries in both the public and private institutions exceeded faculty



salaries in ALL MAJOR FIELDS during this same period.

Third, in the discipline/major field of business administration and management 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 the same rate both in the public and private institutions. It seems a slighty smaller percentage of new assistant professors are being hired in the public institutions in comparison to the private institutions.

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

Richard I 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

#### 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 ECONOMICS

PHILOSOPHY AND RELIGION

CHEMISTRY

PHYSICAL EDUCATION

COMMUNICATIONS TECHNOLOGIES

PHYSICAL SCIENCES

COMMUNICATIONS

PHYSICS

COMPUTER AND INFORMATION SCIENCES

POLITICAL SCIENCE AND GOVERNMENT

SECRETARIAL AND RELATED PROGRAMS

CURRICULUM AND INSTRUCTION

PSYCHOLOGY

DRAMATIC ARTS

READING EDUCATION

EDUCATION ADMINISTRATION

SOCIAL SCIENCES

**ENGINEERING** 

SOCIOLOGY

FINE ARTS

EDUCATION

SPECIAL EDUCATION

FOREIGN LANGUAGES

STUDENT COUNSELING AND PERSONNEL

SERVICES

GEOGRAPHY

TEACHER EDUCATION, GENERAL

**PROGRAMS** 

GEOLOGICAL SCIENCES

VISUAL AND PERFORMING ARTS

HISTORY

TOTAL: 45



#### APPENDIX B

CUPA Public (AASCU) Faculty Salary-Trend Studies: 1984-85 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, Hayward (CA) California State University, Long Beach (CA) California State University, Los Angeles (CA) California University of Pennsylvania (PA) Castleton State College (VT) Centra 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 (TX) 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 (CT) Eastern Illinois University (IL) Eastern Kentucky University (KY)

Edinboro University of Pennsylvania (PA) Fitchburg State College (MA) Florida International University (FL) Fort Hays State University (KS) Francis Marion Coilege (SC) Frostburg State College (MD) George Mason University (VA) Georgia College (GA) Georgia Southern College (CA) Georgia Southwestern College (GA) 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 (IV) 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 (LA) 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) Millersville Unive\_sity (PA)



Eastern Montana College (MT)

Eastern New Mexico University (NM)

Minot 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 College (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 Il.inois University at Edwardsville (IL) Southern Oregon State College (OR) Southwest Missouri State University (MO) Southwest Texas State University (TX) 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 Geneseo (NY) State University of New York College at Old Westbury (NY) State University of Now 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 (A) 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 Southern Mississippi (MS) University of Tennessee at Chattanooga (TN) University of Tenn :see 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)
Western Washington Unviersity (WA)
Wichita State University, The (KS)
Winona State University (MN)
Youngstown State University (OH)
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Total: 216



#### APPENDIX C

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

Institutions Participating in Both Studies:

Abilene Christian University (TX) Catholic University of America, The (DC) Catholic University of Puerto Rico (PR) Agnes Scott College (GA) Albertus Magnus College (CI) 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 School (MA) Cogswell Polytechnical College (CA) Anna Maria College (MA) Coker College (SC) Aquinas College (MI) Colgate University (NY) Arkarsas College (AR) College 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) Avila College (MO) College of St. Joseph (VT) 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 University (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) Converse College (SC) Boston College (MA) Bradley University (IL) Cooper Union for the Advancement of Science and Art, The (NY) Briar Cliff College (IA) Bridgewater College (VA) Cornell College (IA) Brigham Young University (UI) Cornell University (NY) Bryant College (RI) Creighton University (NE) Bryn Mawr College (PA) Curry College (MA) Bucknell University (PA) D'Youville College (NY) Butler University (IN) Davis & Elkins College (WV) Campbellsville College (KY) Defiance College, The (OH) Canisius College (NY) DePaul University (IL) Capitol Institute of Technology (MD) Dickinson College (PA) Carnegie-Mellon University (PA) Dordt College, Inc. (IA) Carroll College (MT) Drake University (IA)



Carroll College (WI)

Drew University (NJ)

Lycoming College (PA) Duquesne University (PA) Eastern Mennonite College and Seminary (VA) Lynchburg College (VA) Eckerd College (FL) Manhattanville College (NY) Elmhurst College (IL) Marion College (IN) Mary Baldwin College (VA) Elmira College (NY) Elms College (MA) Marymount College (NY) Embry-Riddle Aeronautical University (FL) Maryville College (TN) Emerson College (MA) Maryville College--St. Louis (MO) Emory & Henry College (VA) Marywood College (PA) Fairfield University (CT) Massachusetts Institute of Technology (MA) Fontbonne College (MO) McPherson College (KS) Fordham University (NY) Mercy College of Detroit (MI) Fort Warne Bible College (IN) Mercyhurst College (PA) 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) onzaga University (WA) Mount Mercy College (IA) Gordon College (MA) Mount Saint Clare College (IA) Mount Saint Mary's College (MD) Goshen College (IN) Grand View College (IA) Mount Senario College (WI) Nazareth College (MI) Guilford College (NC) Hartwick College (NY) Neumann College (PA) North Central College (IL) Heidelberg College (OH) High Point College (NC) North Park College (IL) Northeastern University (MA) Hope College (MI) Husson College (ME) Northrop University (CA) Illinois Benedictine College (IL) Northwestern College (IA) Illinois College (IT.) Notre Dame College (OH) Illinois Institute of Technology (IL) Oakwood College (AL) Immaculata College (PA) Oklahoma Baptist University (OK) Otterbein College (OH) Inter American University of Puerto Rico Pepperdine University (CA) --at San German (PR) Phillips University (OK) Iona College (NY) Ithaca College (NY) Pikeville College (KY) Point Louis Nazarene College (CA) John Carroll University (OH) Judson College (IL) Polytechnic University (NY) Principia College (IL) Kalamazoo College (MI) Kenyon College (OH) Quinnipiac College (CT) King's College (PA) Randolph-Macon Woman s College (VA) La Roche College (PA) Reed College (OR) 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) Loyola College in Maryland (MD) Saint Joseph College (CT) Luther College (IA) Saint Mary College (KS)



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. .ary's University (TX) St. Norbert College (WI) Stevens Institute of Technology (NJ) Suffolk University (MA) Susquehanna 'niversity (PA) Syracuse 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) We'Lern New England College (MA) Westmar College (IA) Westminster College of Salt Lake City (UT) 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