Annual Report of Scholarly Productivity at Brigham Young University

January 1, 1994 - December 31, 1994

Office of Research and Creative Work

ORCW

Office of Research
& Creative Work

Brigham Young University

Annual Report of Scholarly Productivity at Brigham Young University

January 1, 1994 - December 31, 1994

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INTRODUCTION

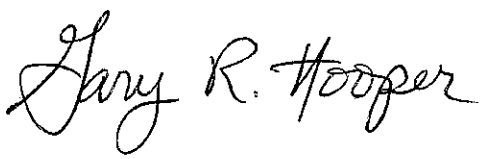
This is the second year in which we are separately publishing the scholarly accomplishments of the faculty. In previous years they were part of a larger report of the Office of Research and Creative Work which included information on research funding. This edition includes only those works published or presented during the calendar year January 1, 1994 to December 31, 1994. Publications or works accepted in 1994, but not yet in print by December 31, will appear in the 1995 edition. Likewise a few papers bearing 1993 dates actually were published in 1994 and are included in this report.

As in the past, the decision of what should be included in the report is subjective and dependent upon the individuals and departments involved. The general definition we use is contained in these words from the new "Model for Directing Scholarly Work at Brigham Young University":

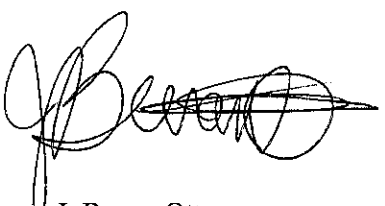
> Scholarly work as defined here may be of several types: the discovery of new knowledge and original insights that expand human understanding; the application of existing knowledge to the solution of practical problems; the integration of existing knowledge in one discipline with that of others; the finding of new and better means for describing, understanding, and presenting what is already known; or the creative work that includes artistic performance, expression, or creation.
>
> Whatever the nature of the scholarly process, the focus at BYU must be on quality work with student involvement wherever possible. To meet the test of excellence, scholarly work must undergo the refining trial of critical review and acceptance by the scholar's discerning peers at this and especially at other institutions. The review process needs to include the submission of written works (books, articles, reports, papers) for presentation through reputable presses, journals, and conferences, or similarly demanding juried review of artistic and other creative works.

Such a definition requires considerable latitude in the determining and recording of scholarly accomplishments. This year we asked colleges and departments to prepare short statements expressing the values and priorities they use in measuring scholarship. Some, but not all, responded. Since responses were not obtained from all units we have elected to wait until next year to include these definitions. At that time we will have collected appropriate expressions from all colleges and departments.

As a final comment, because of the accreditation and long range planning study, we have found that the information collected these past five years has been in much demand. Many units have requested copies of current and past year's records for use in their own planning responses. We are pleased that the information has proven useful to the university.



Gary R. Hooper
Executive Director
Office of Research and Creative Work



J. Bevan Ott
Associate Academic Vice President
Research and Graduate Studies

UNIVERSITY SUMMARY

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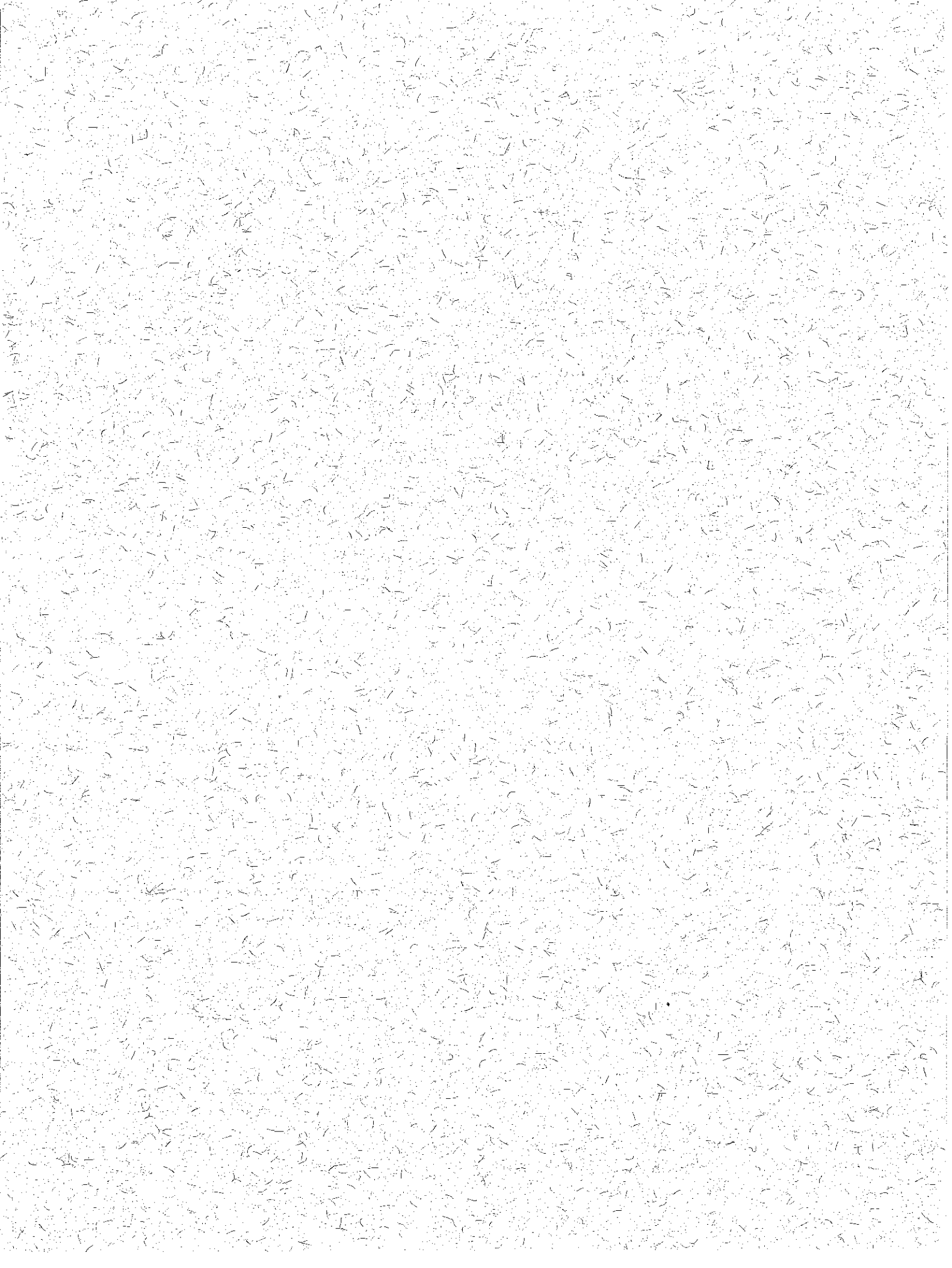


UNIVERSITY SUMMARY SECTION

List of Scholarly Works and Publications

1.	Reference and/or Creative Books*	57
2.	Instructional Textbooks	55
3.	Edited Scholarly Books	48
4.	Chapters in Books	225
5.	Critically Reviewed Publications	929
6.	Scholarly Encyclopedia Contributions	107
7.	Book Reviews	159
8.	Juried, Invited, or Commissioned Works	151
9.	Published Creative Works	157
10.	Performances and Productions	190
	Total (1-10)	2,078
11.	Scholarly Presentations	1,644
12.	Editorships	230
13.	Intellectual Properties	37
14.	Number of Faculty with At Least One Work in 1-10	625
15.	Total Faculty Members Participating**	1,059

• **University Activity Index** (the fraction of faculty submitting at least one work in categories 1-10):

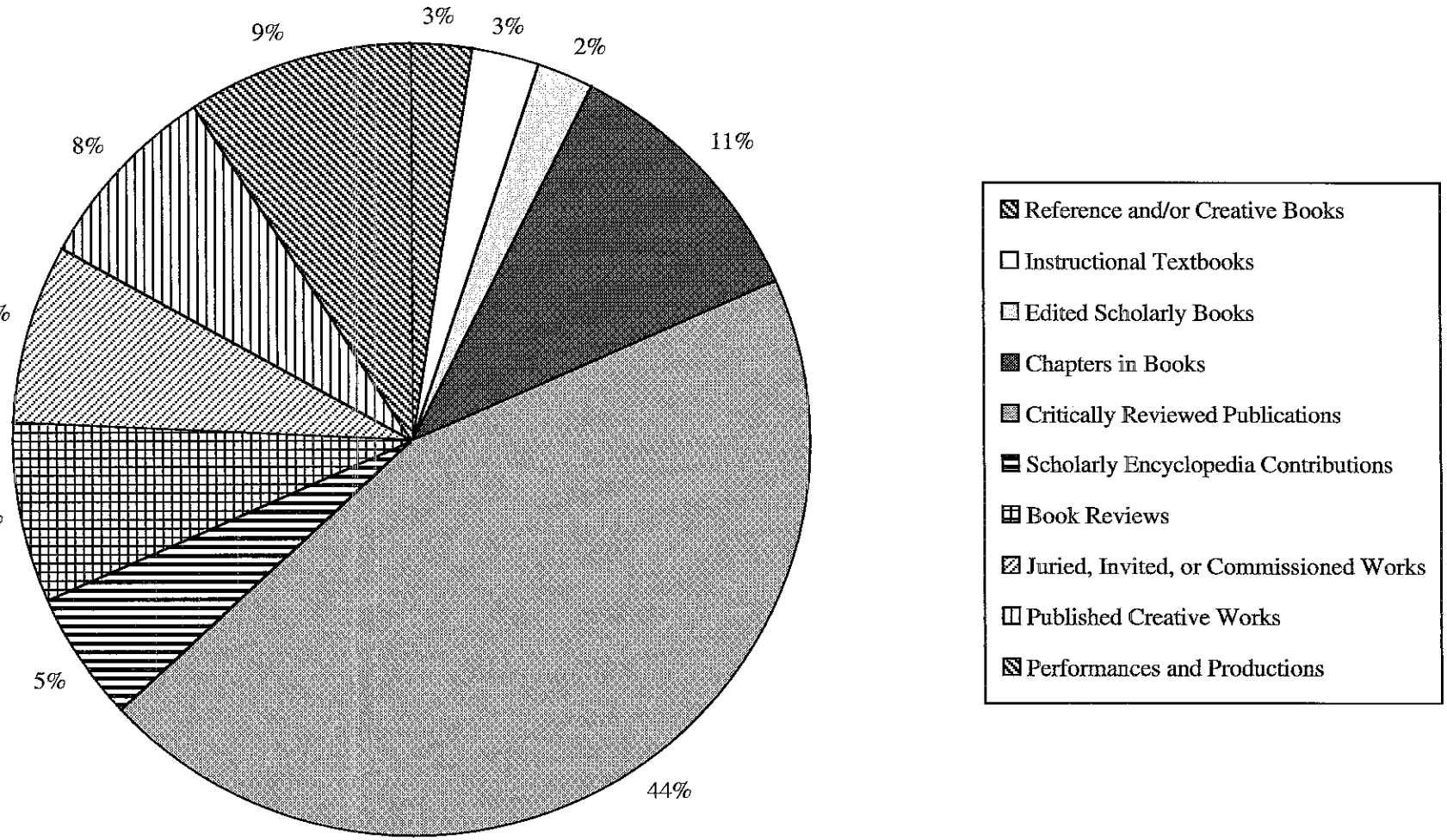
0.59

• **University Productivity Index** (the number of scholarly work [1-10] per participating faculty member):

1.82

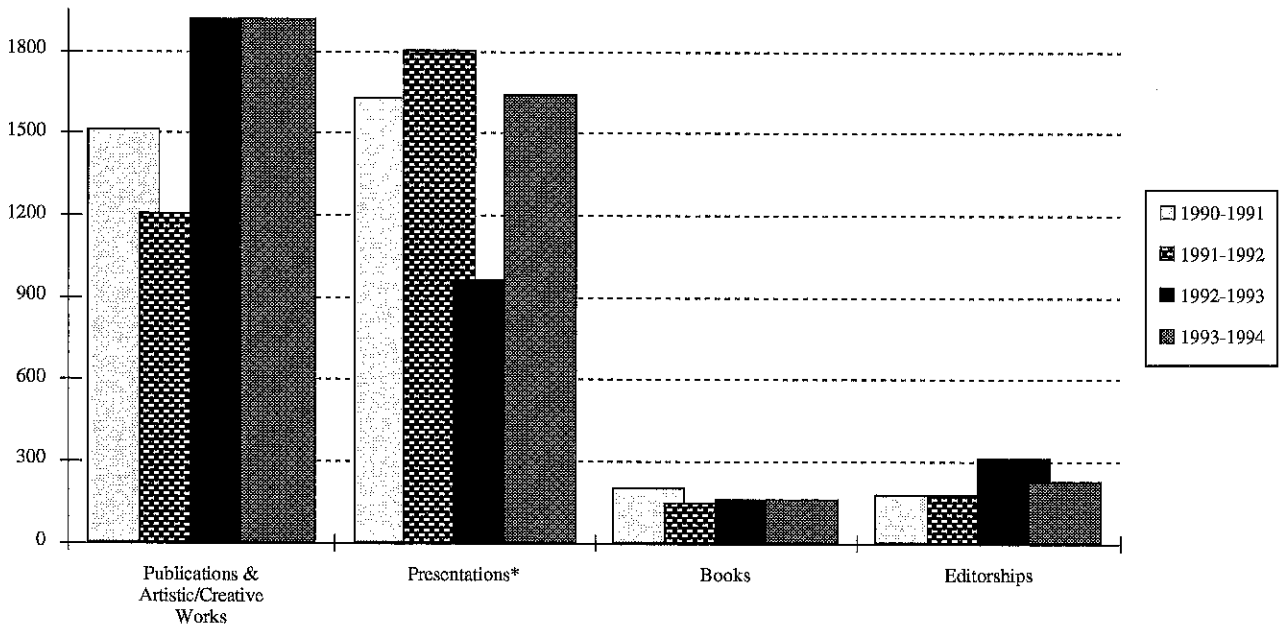
* See Appendix and page 9 for explanations.

** Includes only full-time faculty in Assistant, Associate, or Full Professor positions.



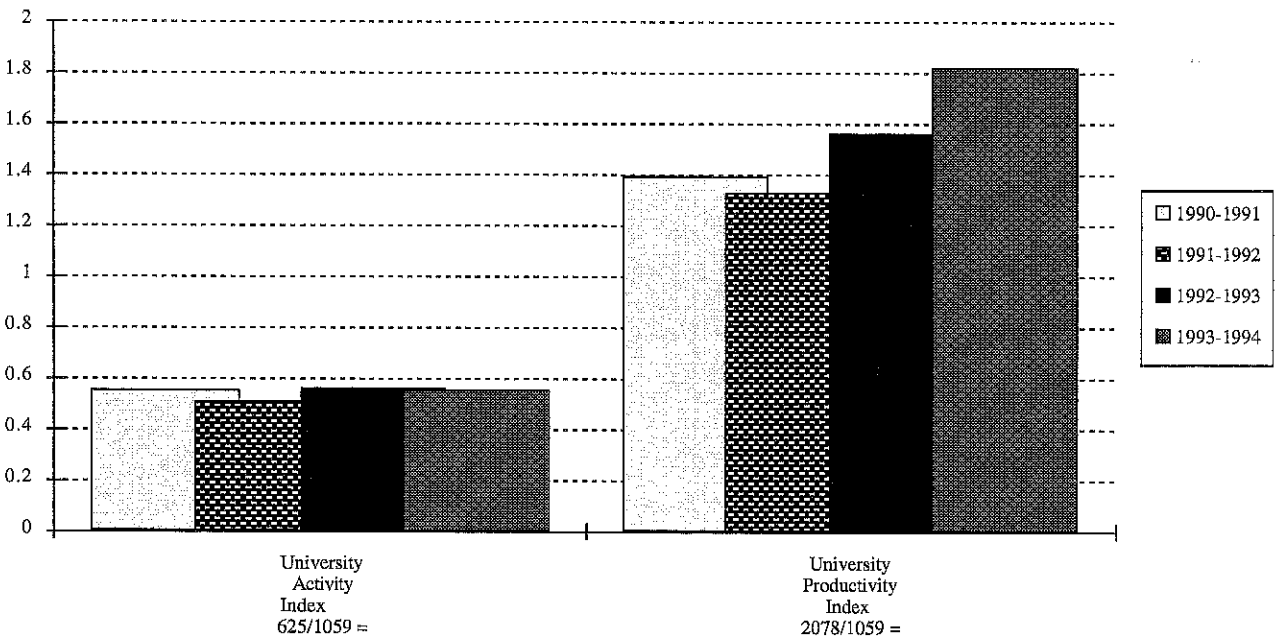
Scholarly Publications and Works by Category – University Summary

Brigham Young University Scholarly Productivity Summary



* Years previous to 1992-93 include several categories of presentations not requested for this year.

University Activity and Productivity Indexes**



** Activity Index reflects the number of faculty who reported one or more works or publications (categories 1-10), listed on page 4.
Productivity Index reflects the number of works or publications (categories 1-10) per faculty member.

COLLEGE OF BIOLOGY & AGRICULTURE

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Botany & Range Science 17
Food Science & Nutrition 18
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BIOLOGY & AGRICULTURE SUMMARY SECTION

List of Scholarly Works and Publications

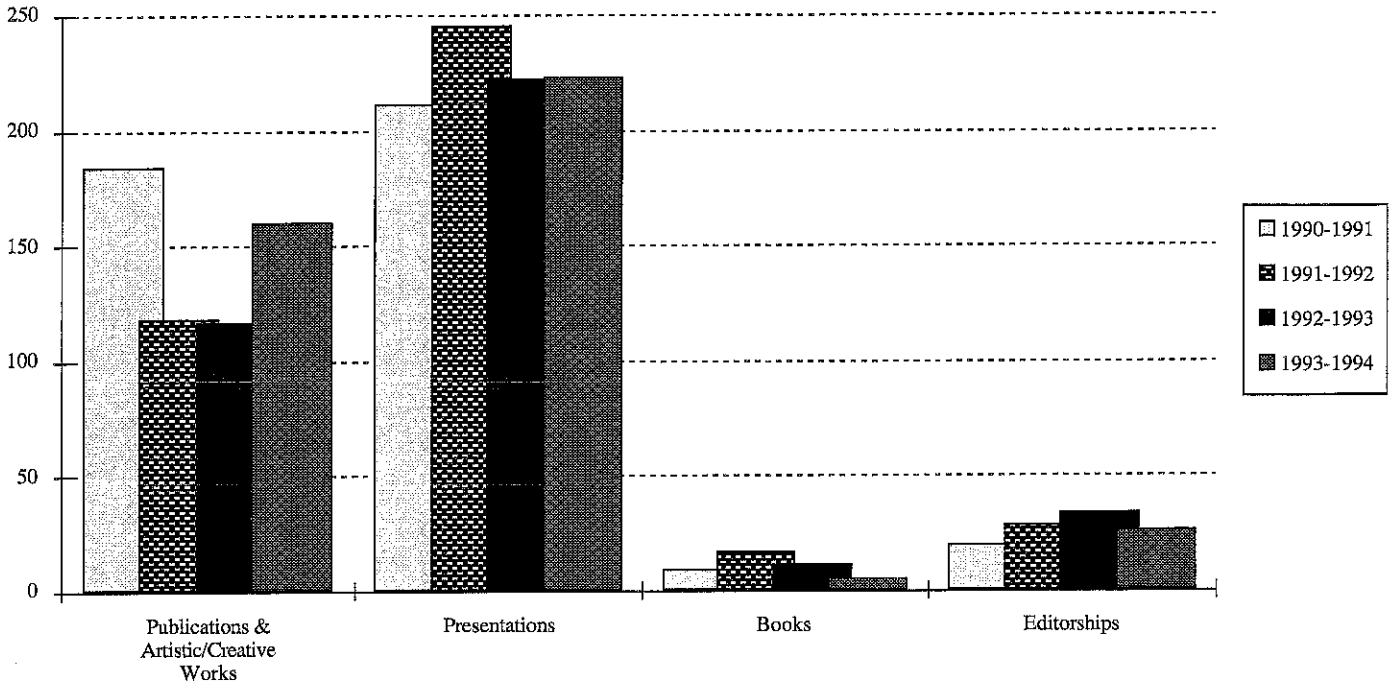
1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	3
4.	Chapters in Books	14
5.	Critically Reviewed Publications	135
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	7
8.	Juried, Invited, or Commissioned Works	2
9.	Published Creative Works	1
10.	Performances and Productions	1
	Total (1-10)	165
11.	Scholarly Presentations	223
12.	Editorships	26
13.	Intellectual Properties	6
14.	Number of Faculty with At Least One Work in 1-10	60
15.	Total Faculty Members Participating	88

- **Biology & Agriculture** Activity Index **0.68**

- **Biology & Agriculture** Productivity Index **1.88**

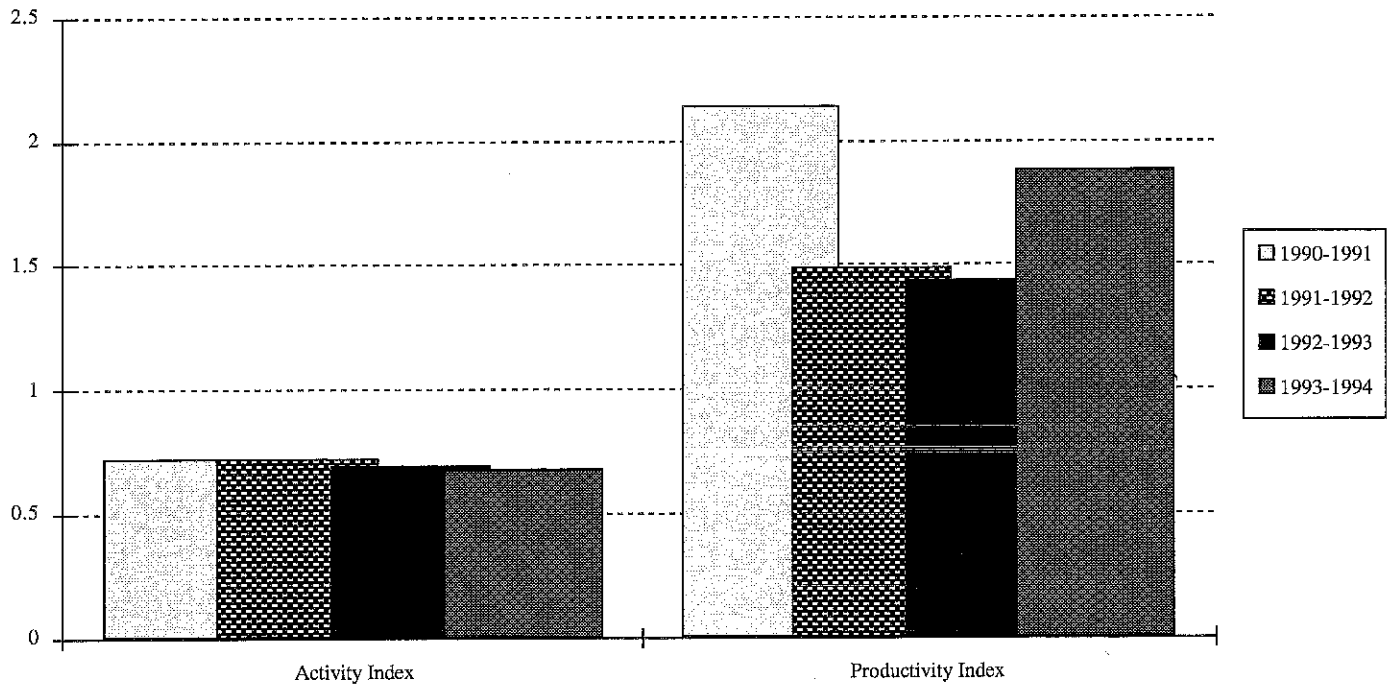
Biology & Agriculture

Scholarly Productivity - Four Year Comparison



Biology & Agriculture

Activity and Productivity Indexes - Four Year Comparison



Agronomy & Horticulture Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	1
5.	Critically Reviewed Publications	10
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	11
11.	Scholarly Presentations	21
12.	Editorships	2
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	4
15.	Total Faculty Members Participating	9

Animal Science Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	8
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	8
11.	Scholarly Presentations	20
12.	Editorships	2
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	6
15.	Total Faculty Members Participating	10

Botany & Range Science Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	3
4.	Chapters in Books	8
5.	Critically Reviewed Publications	40
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	2
9.	Published Creative Works	1
10.	Performances and Productions	0
	Total (1-10)	55
11.	Scholarly Presentations	46
12.	Editorships	5
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	15
15.	Total Faculty Members Participating	16

Food Science & Nutrition Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	6
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	8
11.	Scholarly Presentations	41
12.	Editorships	4
13.	Intellectual Properties	6
14.	Number of Faculty with At Least One Work in 1-10	6
15.	Total Faculty Members Participating	11

Microbiology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	44
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	47
11.	Scholarly Presentations	27
12.	Editorships	2
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	12
15.	Total Faculty Members Participating	14

Zoology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	1
5.	Critically Reviewed Publications	27
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	6
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	36
11.	Scholarly Presentations	68
12.	Editorships	11
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	17
15.	Total Faculty Members Participating	28

COLLEGE OF BIOLOGY AND AGRICULTURE

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Agonomy & Horticulture		
Debaene, Jan E. Paul	MS	Robison, Laren R.
Hansen, Neil C.	MS	Jolley, Von D.
Williams, Clinton F.	MS	Nelson, Sheldon D.
Animal Science		
Carnahan, Kevin Glen	MS	Thwaits, Richard N.
Greenhalgh, Linden Kay	MS	Wiltbank, James N.
Botany & Range Science		
Anderson, Kim T.	MS	Welsh, Stanley L.
Beckstead, Julie	MS	Smith, Bruce N.
Biedenbender, Sharon H.	MS	Roundy, Bruce A.
Hall, Derek B.	MS	Anderson, Val Jo
Heydari, Hossein	PhD	Roundy, Bruce A.
Kehrer, Robert Lawrence	MS	Andersen, W. Ralph
Lytle, C. Mel	PhD	Smith, Bruce N.
Rajvanshi, Vasundhara	MS	St. Clair, Larry L.
Reil, Andrew Allan	MS	Hess, Wilford M.
Rowe, Kimberly Anne	MS	Gardner, John S.
Smith, Del William	MS	St. Clair, Larry L.
Tasso, Jon P.	MS	Rushforth, Samuel R.
Food Science & Nutrition		
Cox, Dale Wesley	MS	Johnson, Hal
Huber, Kerry	MS	Woolley, Bruce H.
Lynch, Sharon Maria	MS	Nyland, Nora K.
West, Timothy Brian	MS	Pike, Oscar A.
Microbiology		
Bancroft, Jeffrey W.	MS	Jense, Marcus M.
Braithwaite, Carolyn	MS	Jensen, Marcus M.
Estes, Stephen Snow	MS	Teuscher, Cory
Grigsby, Richard Van	MS	Teuscher, Cory
Hall, Heather Ann	MS	Robison, Richard
Shao, Xiaowen	MS	Anderson, Shawna C.
Zoology		
Al-Saleh, Hamid N.	PhD	Rhees, R. Ward
Arellano, Elizabeth	MS	Rogers, Duke S.
Auger, Janene	MS	Black, Hal L.
Bent, Elyssa D.	MS	Bell, John D.
Collins, Kenneth Paul	MS	Shiozawa, Dennis K.
Dutson, Sheryl McGrain	MS	Seegmiller, Robert E.
Johansson, Carl Albert	MS	White, Clayton M.

COLLEGE OF BIOLOGY AND AGRICULTURE (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Zoology (cont'd)		
Johnson, Heidi K.	MS	Black, Hal L.
MacLean, Paul S.	MS	Winder, Willaim W.
McClellan, David A.	MS	Rogers, Duke S.
Prince, Karianne N.	MS	Rhees, R. Ward
Qi, Ying	MS	Heckmann, Richard A.
Reed, David W.	MS	Bradshaw, William S.
Ritchie, Paul Kohler	MS	Judd, Allan M.
Toone, George Ernest	MS	Tolman, Richard R.
Ujiie, Maki	MS	Andersen, Ferron L.
Winden, Duane Ray	MS	Seegmiller, Robert E.

COLLEGE OF EDUCATION

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Educational Psychology 28
Elementary Education 29
Instructional Science 30
Secondary Education 31

Degrees Awarded 32

EDUCATION SUMMARY SECTION

List of Scholarly Works and Publications

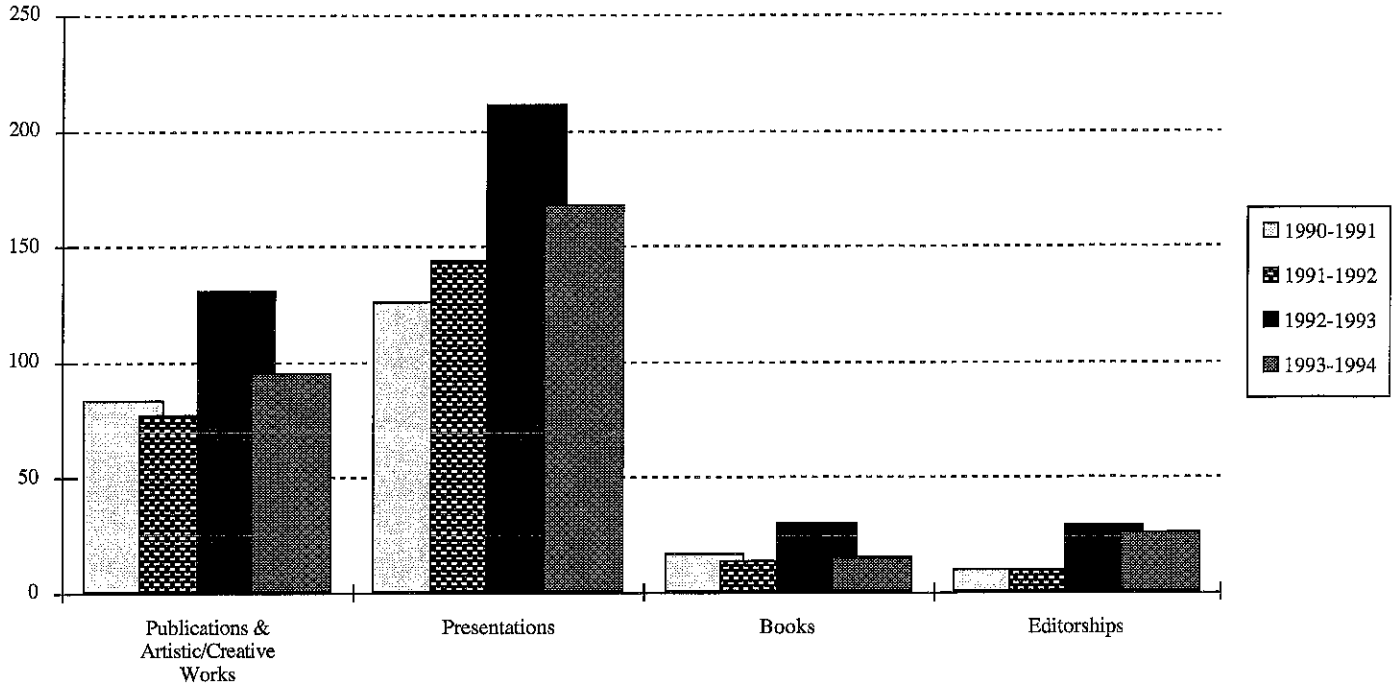
1.	Reference and/or Creative Books	10
2.	Instructional Textbooks	3
3.	Edited Scholarly Books	2
4.	Chapters in Books	11
5.	Critically Reviewed Publications	72
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	4
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	8
10.	Performances and Productions	0
	Total (1-10)	110
11.	Scholarly Presentations	168
12.	Editorships	26
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	46
15.	Total Faculty Members Participating	79

- **Education** Activity Index **0.58**

- **Education** Productivity Index **1.39**

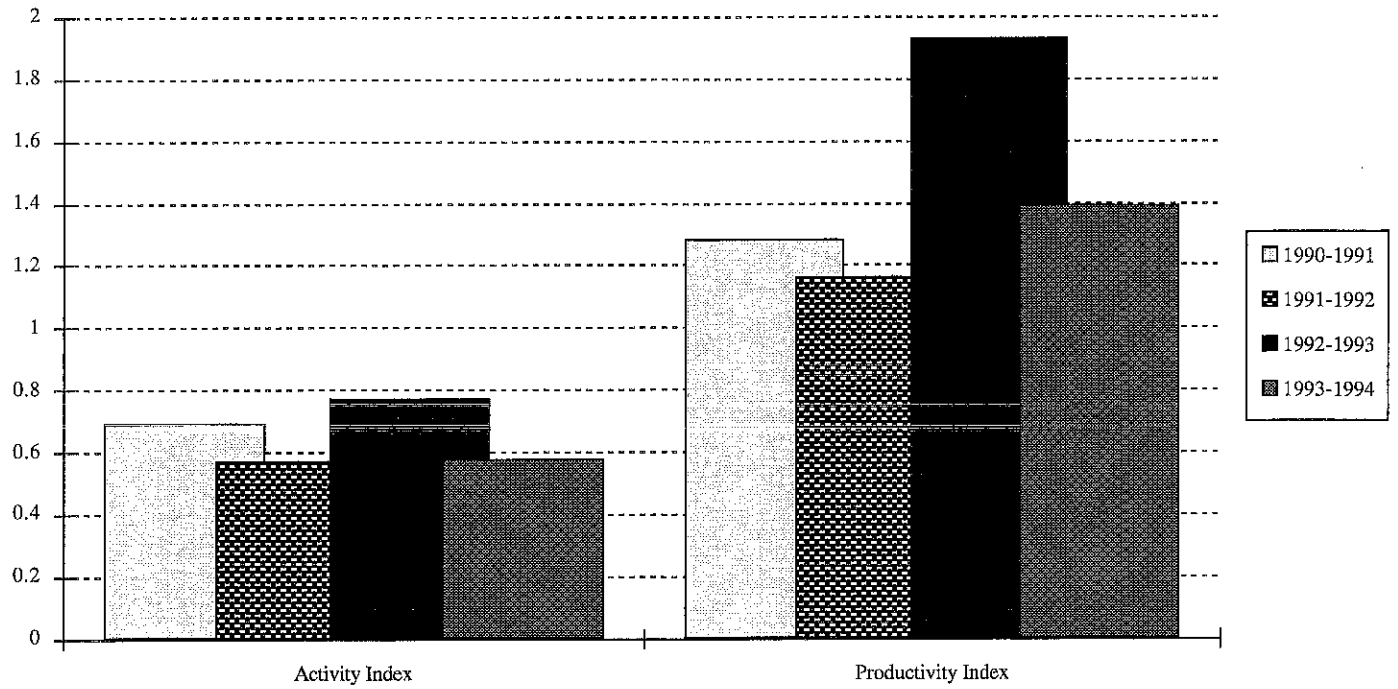
Education

Scholarly Productivity - Four Year Comparison



Education

Activity and Productivity Indexes - Four Year Comparison



Educational Leadership Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	1
5.	Critically Reviewed Publications	11
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	15
11.	Scholarly Presentations	16
12.	Editorships	1
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	11

Educational Psychology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	3
5.	Critically Reviewed Publications	11
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	2
10.	Performances and Productions	0
	Total (1-10)	18
11.	Scholarly Presentations	23
12.	Editorships	10
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	10
15.	Total Faculty Members Participating	20

Elementary Education Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	1
4.	Chapters in Books	6
5.	Critically Reviewed Publications	32
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	4
10.	Performances and Productions	0
	Total (1-10)	47
11.	Scholarly Presentations	70
12.	Editorships	9
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	16
15.	Total Faculty Members Participating	24

Instructional Science Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	4
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	2
10.	Performances and Productions	0
	Total (1-10)	8
11.	Scholarly Presentations	26
12.	Editorships	1
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	4
15.	Total Faculty Members Participating	11

Secondary Education Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	3
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	1
5.	Critically Reviewed Publications	14
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	3
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	22
11.	Scholarly Presentations	33
12.	Editorships	5
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	13

COLLEGE OF EDUCATION

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Educational Leadership		
Barber, Mark	MEd	Randall, E. Vance
Barnum, Betty	MEd	Randall, E. Vance
Borup, Dave	MEd	Randall, E. Vance
Christensen, Brad	MEd	Muse, Ivan D.
Coons, Diane	MEd	Muse, Ivan D.
Darby, Peter	EdD	Wasden, F. Del
Davis, Annette	MEd	Randall, E. Vance
Dean, Morrell Larry	MEd	Muse, Ivan D.
Duffy, Jack	MEd	Muse, Ivan D.
Dyck, James	EdD	Wasden, F. Del
Elder, Keven	EdD	Muse, Ivan D.
Foster, Harold	EdD	Butterfield, Dennie D.
Gammon, Freda	MEd	Muse, Ivan D.
Gaugau, Tavana	PhD	Hite, Steven J.
Geary, Janet	MEd	Muse, Ivan D.
Glenn, Cherri	EdD	Randall, E. Vance
Gordon, Jean	MEd	Muse, Ivan D.
Hales, Sharolyn	MEd	Randall, E. Vance
Johnston, Timothy	MEd	Muse, Ivan D.
Karren, Sharyle	MEd	Randall, E. Vance
Keisel, Leslie	MEd	Randall, E. Vance
King, Sandra	MEd	Muse, Ivan D.
McMurray, Eldon	MEd	Muse, Ivan D.
Mickelsen, Myron	MEd	Randall, E. Vance
Neilson, Altha	EdD	Van Alfen, Curtis N.
Nordquist, Neil	EdD	Webb, Clark D.
Norton, Steven	EdD	Ovard, Glen F.
O'Brien, Vern	MEd	Muse, Ivan D.
Oliver, Joan Carley	EdD	Wasden, F. Del
Ray, Samuel	MEd	Randall, E. Vance
Reynolds, Bart	MEd	Randall, E. Vance
Rigby, Ryan	MEd	Muse, Ivan D.
Rmaileh, Sufian Abu	PhD	Hite, Steven J.
Sanich, Larry	MEd	Muse, Ivan D.
Sauter, Sharon	MEd	Randall, E. Vance
Schofield, Walter	MEd	Randall, E. Vance
Schwartz, Amelia	MEd	Muse, Ivan D.
Seehafer, Susan	MEd	Randall, E. Vance
Shoell, John	MEd	Randall, E. Vance
Stamps-Jones, Lisa	MEd	Muse, Ivan D.
Thompson, Nancy	MEd	Muse, Ivan D.
Ure, Aleen	MEd	Randall, E. Vance
Weatherly, Penelope	MEd	Randall, E. Vance
Williams, Forrest	MEd	Muse, Ivan D.
Zarndt, Lillian	PhD	Webb, Clark D.

COLLEGE OF EDUCATION (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Educational Psychology		
Ahlstrom, Caroline A.	MEd	Heaps, Richard A.
Allred, Cheryl L.	MS	Hanks, Wendy D.
Brooks, Brenda A.	MS	Channell, Ron W.
Cash, Rebecca M.	PhD	Gale, Darwin F.
Corey, Matthew	MS	Egan, M. Winston
Davis, Carolyn L. Jones	MS	Ingram, Cregg F.
Egnew, Amy A.	MS	Hilton, Laurence M.
Ellison, Lauren R.	MEd	Rowe, Fred A.
Erickson, Arlene	MS	Hilton, Laurence M.
Frandsen, Kimberly	MS	Brown, Gail W.
Ghent, Robert M.	MS	Harris, Richard
Gibb, Gordon	PhD	Egan, M. Winston
Gidley, David A.	MS	Harris, Richard
Griggs, Kirsten	MEd	Bingham, Ronald D.
Hansen, Alan B.	MEd	Rowe, Fred A.
Harris, Steven N.	MS	Brown, Gail W.
Hill, Michelle L.	MS	Hilton, Laurence M.
Holdaway, Heather	MS	Brown, Gail W.
Horsley, Kimberly	MEd	Bingham, Ronald D.
Hyde, Jennifer L.	MEd	Gale, Darwin F.
Jones, Carolyn L.	MS	Ingram, Cregg F.
Knutson, Kevin Val	MEd	Heaps, Richard A.
Kober, Treana R.	MEd	Bingham, Ronald D.
Liu, Tracy, A.	MS	Channell, Ron W.
Lutz, Brad H.	MEd	Gale, Darwin F.
MacDonald, Brett	MEd	Rowe, Fred A.
Potestio, Tobi D.	MS	Brown, Gail W.
Preece, Julie Elizabeth	PhD	Richards, P. Scott
Prescott, Sharon	EdD	Todd, Sally M.
Quek, Joo Tiang	MS	Brown, Gail W.
Riddell, Rodney R.	MEd	Bingham, Ronald D.
Roberts, Norman L.	PhD	Gale, Darwin F.
Robinson, Lee Ann	MS	Fujiki, Martin
Smith, Katie	MS	Hanks, Wendy D.
Snow, Stephanie E.	MS	McPherson, David L.
Sootho, Kok Mun	MEd	Rowe, Fred A.
Spangler, Jennifer A.	MEd	Gale, Darwin F.
Tate, David Brent	PhD	Winward, Edward J.
Taylor, Jean S.	PhD	Heaps, Richard A.
Todd, Cindy Marie	MS	Fujiki, Martin
Ward, D. Michelle	MEd	Bingham, Ronald D.
Weber, Frank S.	MS	Brown, Gail W.
Wilson, Nicole G.	MEd	Heaps, Richard A.

COLLEGE OF EDUCATION (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Elementary Education		
Azure, Pauline	MEd	Chilcoat, George W.
Cox, Shirley	EdD	Reutzel, D. Ray
Harlan, David	MEd	Fawson, Parker C.
Kitchen, Diane	MEd	Chilcoat, George W.
Larsen, Nycole S.	MEd	Reutzel, D. Ray
Mills, Valerie	MEd	Monroe, Eula E.
Pollard, Julie Ann	MEd	Reutzel, D. Ray
Squier, Linda	EdD	Reutzel, D. Ray
Taylor, Jane	MEd	Fawson, Parker C.
Instructional Science		
Arnoldsen, Kari	PhD	Williams, David D.
Birch, A. Jane	PhD	Williams, David D.
Corry, Michael	MS	Green, Edward E.
Ditson, Les	PhD	Williams, David D.
Eschler, N. Wayne	PhD	Sudweeks, Richard R.
Godwin, Ken	PhD	Merrill, Paul F.
Howell, Scott	PhD	Sudweeks, Richard R.
Johnson, Matthew	MS	Merrill, Paul F.
Little, Janice C.	MS	Osguthorpe, Russell T.
Preece, Julie	PhD	Williams, David D.
Riboldi, Pablo	MS	Harrison, Grant Von
Wade, David	MS	Harrison, Grant Von
Zimmerman, Beverly L.B.	PhD	Williams, David D.

COLLEGE OF ENGINEERING & TECHNOLOGY

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Civil Engineering 40
Electrical & Computer Engineering 41
Manufacturing Engineering & Engineering Technology 42
Mechanical Engineering 43
Technical Education & Construction Management 44

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ENGINEERING & TECHNOLOGY SUMMARY SECTION

List of Scholarly Works and Publications

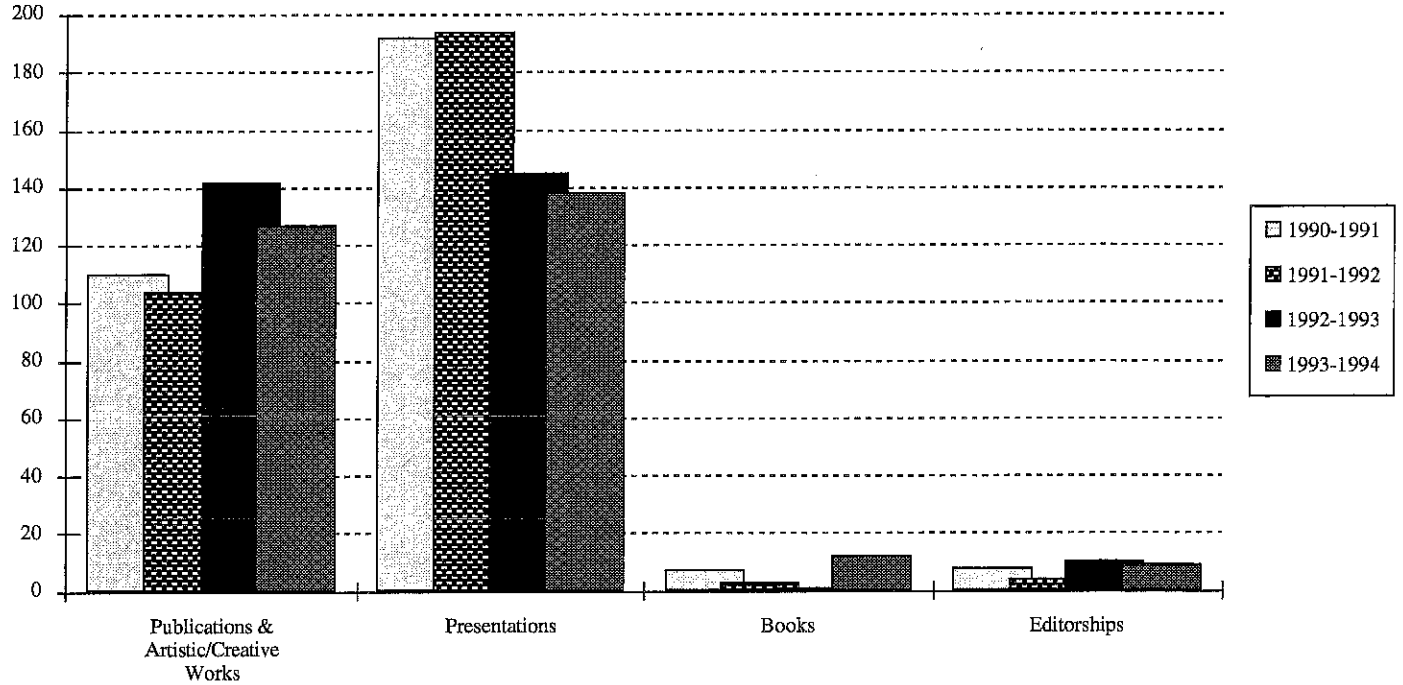
1.	Reference and/or Creative Books	4
2.	Instructional Textbooks	5
3.	Edited Scholarly Books	3
4.	Chapters in Books	6
5.	Critically Reviewed Publications	116
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	2
9.	Published Creative Works	0
10.	Performances and Productions	2
	Total (1-10)	139
11.	Scholarly Presentations	138
12.	Editorships	9
13.	Intellectual Properties	4
14.	Number of Faculty with At Least One Work in 1-10	46
15.	Total Faculty Members Participating	98

- **Engineering & Technology** Activity Index **0.47**

- **Engineering & Technology** Productivity Index **1.42**

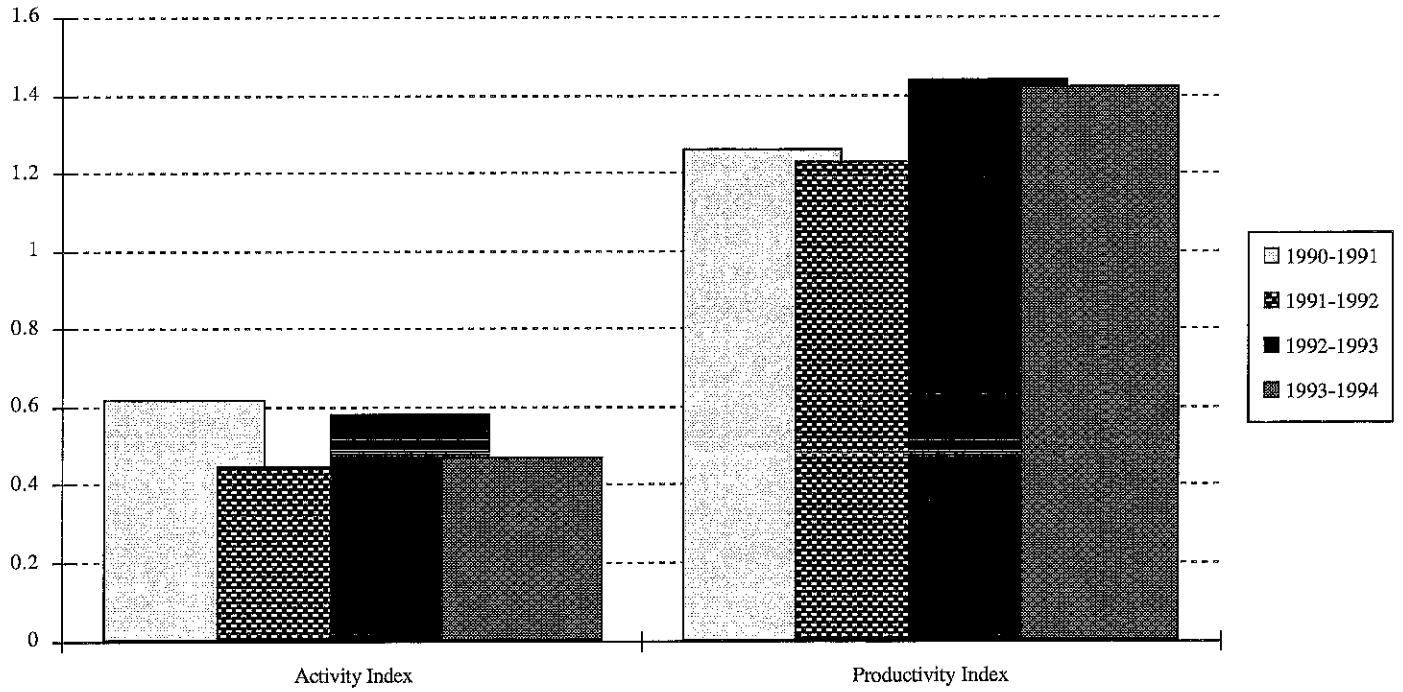
Engineering & Technology

Scholarly Productivity - Four Year Comparison



Engineering & Technology

Activity and Productivity Indexes - Four Year Comparison



Chemical Engineering Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	3
5.	Critically Reviewed Publications	25
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	2
	Total (1-10)	32
11.	Scholarly Presentations	62
12.	Editorships	2
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	11
15.	Total Faculty Members Participating	13

Civil Engineering Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	2
4.	Chapters in Books	2
5.	Critically Reviewed Publications	19
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	23
11.	Scholarly Presentations	24
12.	Editorships	4
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	9
15.	Total Faculty Members Participating	16

Electrical & Computer Engineering Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	1
5.	Critically Reviewed Publications	30
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	31
11.	Scholarly Presentations	17
12.	Editorships	1
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	9
15.	Total Faculty Members Participating	22

Manufacturing Engineering & Engineering Technology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	3
3.	Edited Scholarly Books	1
4.	Chapters in Books	0
5.	Critically Reviewed Publications	15
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	20
11.	Scholarly Presentations	7
12.	Editorships	1
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	6
15.	Total Faculty Members Participating	17

Mechanical Engineering Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	23
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	23
11.	Scholarly Presentations	6
12.	Editorships	1
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	7
15.	Total Faculty Members Participating	18

Technology Education & Construction Management Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	4
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	2
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	10
11.	Scholarly Presentations	22
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	4
15.	Total Faculty Members Participating	12

COLLEGE OF ENGINEERING & TECHNOLOGY

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Chemical Engineering		
Barton, Alan Joseph	MS	Pitt, William G.
Chen, Wei	PhD	Smoot, L. Douglas
Cutler, John David	MEM	Pitt, William G.
Eliason, Scott Alan	PhD	Bartholomew, Calvin H.
Farahmandi, Cambis J.	MS	Oscarson, John L.
Johanson, Kerry D.	PhD	Hanks, Richard R.
Kirby, Bradley Charles	MEM	Pitt, William G.
Peng, Yao	MS	Solen, Kenneth A.
Richards, Galen	PhD	Harb, John N.
White, Scott Cameron	PhD	Beckstead, Merrill W.
Civil Engineering		
Abaza, Osama A.	PhD	Wilson, Arnold
Adams, Jay D.	MS	Wilson, Arnold
Beckman, Chris J.	MS	Youd, T. Leslie
Blaise, Bradford Charles	MS	Rollins, Kyle
Buczkowka, Agnieszka B.	MS	Wilson, Arnold
Clayton, Robert Joseph	MS	Rollins, Kyle
Coleman, Chad Ronald	MS	Miller, A. Woodruff
Coppin, Thomas Glenn	MS	Wilson, Arnold
Crosby, Jason Dean	MS	Wallace, Lynn Pyper
Dutson, Garrett Q.	MEM	Miller, A. Woodruff
Felix, Wayne D.	MS	Merritt, Lavere B.
Griffith, Kent Neil	MS	Merritt, Lavere B.
Hadley, Thomas W.	MS	Miller, A. Woodruff
Hansen, Chris T.	MS	Merritt, Lavere B.
Hatch, Robert Joseph	MS	Wilson, Arnold
Havili, Maka U.	MS	Merritt, Lavere B.
Haws, David Randall	PhD	Goodwin, Reese J.
Jones, Celinda F.	MS	Youd, T. Leslie
Kim, Ji-Hyoung	MS	Rollins, Kyle
Klimaszewski, Krzysztof S.	PhD	Sederberg, Thomas W.
Lopezburiek, Leandro	MS	Goodwin, Reese J.
McGuire, James Patrick	MS	Youd, T. Leslie
Merrill, Don LeGrande	PhD	Wilson, Arnold
Moore, Charles Loring	MS	Miller, A. Woodruff
Nelson, Everett James	PhD	Jones, Norman L.
Oldroyd, Jared W.	MS	Merritt, Lavere B.
Ross, Todd Eugene	MS	Rollins, Kyle
Schellenberg, Albert Nathan	MS	Thurgood, Glen S.
Shreeve, Keven Todd	MS	Wallace, Lynn Pyper
Spencer, Melvin	PhD	Sederberg, Thomas W.
Talbot, Cary	MS	Jones, Norman L.
Torgersen, Troy C.	MS	Wallace, Lynn Pyper
Torrie, Kevin William	MS	Balling, Rick J.

COLLEGE OF ENGINEERING & TECHNOLOGY (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Civil Engineering (cont'd)		
Wasser, Paul E.	MEM	Miller, A. Woodruff
Wight, Robert John	MEM	Miller, A. Woodruff
Williams, Tonya	PhD	Youd, T. Leslie
Zundel, Alan K.	PhD	Sederberg, Thomas W.
Electrical & Computer Engineering		
Abaza, Mona Nizar	MS	Rice, Michael D.
Adam, Abdalla Hussien	MEM	Miner, Gayle F.
Anderson, David V.	MS	Christiansen, Richard W.
Appiah, Thomas K.	MEM	Miner, Gayle F.
Bade, Stephen L.	MS	Swindlehurst, A. Lee
Blanchard, Brian R.	MEM	Miner, Gayle F.
Bryner, Jerald R.	MS	Jeffs, Brian D.
Buehler, David B.	MS	Archibald, James K.
Christensen, Alan Lynn	MS	Bearnson, Leroy Wood
Christensen, Richard B.	MS	Salmon, Linton G.
Clifford, Chad Douglas	MS	Archibald, James K.
Collyer, Ronald Scott	MS	Long, David G.
Daas, Soumendra	MS	Swindlehurst, A. Lee
Daum, Douglas R.	MS	Long, David G.
Edmondson, Brian A.	MS	Nelson, Brent Edwin
Fisher, Rory Lynn	MS	Rice, Michael D.
Gunsay, Metin Ata	PhD	Jeffs, Brian D.
Gunther, Jacob Hans	MS	Long, David G.
Jarrett, Bryan Robert	MS	Jeffs, Brian D.
Johnson, Paul E.	MS	Arnold, David V.
Rhodes, Kevin R.	MS	Rice, Michael D.
Rose, James T.	MS	Archibald, James K.
Saunders, David Arthur	MS	Hutchings, Brad L.
Schultz, Stephen Marshall	MS	Selfridge, Richard H.
Skouson, Mark B.	MS	Christiansen, Richard W.
Stout, Matthew Glen	MS	Salmon, Linton G.
Stratford, Scott B.	MS	Frost, Richard Lee
Yacktman, Donald	MS	Archibald, James K.
Zhou, Hong	MS	Swindlehurst, A. Lee
Manuafacturing Engineering & Engineering Technology		
Al-Zubi, Ra'Ed Saleh	MS	Hawks, Val D.
Book, J. Don	MS	Carter, Perry W.
Brown, James Marvin	MS	Carter, Perry W.
Cahoon, Matthew Leron	MTM	Red, Walter Edward
Cole, Joseph Daren	MS	Todd, Robert
Cutler, Russell Blaine	MTM	Red, Walter Edward
Cutler, Scott Matheson	MEM	Red, Walter Edward
Davis, Phillip John	MS	Todd, Robert

COLLEGE OF ENGINEERING & TECHNOLOGY (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Manuafacturing Engineering & Engineering Technology (cont'd)		
Dinsmoor, Paul Scott	MTM	Red, Walter Edward
Dunn, Dustin Eric	MS	Magleby, Spencer P.
Eaton, Mark A.	MTM	Red, Walter Edward
Harris, Anthony Ray	MS	Strong, A. Brent
Jensen, Douglas K.	MTM	Red, Walter Edward
Jiang, Wei	MS	Helps, Richard
Johnson, Clay D.	MS	Carter, Perry W.
Knudsen, Alan Clark	MTM	Red, Walter Edward
Marler, Barton Glenn	MS	Kohkonen, Kent E.
Nelson, Dale K.	MTM	Red, Walter Edward
Pelc, Elizabeth Ann	MS	Carter, Perry W.
Podley, Bruce Steven	MTM	Red, Walter Edward
Potdar, Nitin Goroba	MS	Magleby, Spencer P.
Ressler, Douglas	MTM	Red, Walter Edward
Rubow, Brian Lynn	MS	Red, Walter Edward
Sager, Hans C.	MTM	Red, Walter Edward
Smith, Troy Harmon	MTM	Red, Walter Edward
Steiner, Rodney Leland	MS	Todd, Robert
Steinke, John Robert	MS	Carter, Perry W.
Tysinger, Alan David	MS	Carter, Perry W.
Wagstaff, Brian Frank	MEM	Red, Walter Edward
Warnick, Gregg Norris	MTM	Red, Walter Edward
Wills, David Ray	MTM	Red, Walter Edward
Wu, Lei	MS	Sorensen, Carl D.
Xu, Yehong	MS	Carter, Perry W.
Mechanical Engineering		
Cannon, Steven Maughan	MS	McQuay, Mardson Q.
Chambers, Terrence L.	PhD	Parkinson, Alan R.
Cheney, Douglas C.	MS	Chase, Kenneth W.
Croft, William Richard	MS	Germane, Geoffrey J.
Dahl, Jason F.	MS	Smith, Craig C.
Denison, Martin Keith	PhD	Webb, Brent W.
Eldredge, Delmar A.	MS	Magleby, Spencer P.
Gale, Thomas Kenyon	MS	Bartholomew, Calvin H.
Glancy, Charles Glen	MS	Chase, Kenneth W.
Graham, Gary Ellis	MS	Eastman, Paul F.
Griffiths, Paul Weight	MS	Cox, Jordan J.
Gygi, Craig K.	MS	Free, Joseph C.
Hansen, Kendall Scott	MEM	Parkinson, Alan Roger
Jackson, Jon T.	MEM	Parkinson, Alan Roger
Jorgensen, Kathryn Dozier	MS	Heaton, Howard S.
Jorgensen, Kris Lon	MS	Germane, Geoffrey J.
Langton, Alan J.	MS	Parkinson, Alan R.
Lee, Nathan J.	MS	Eastman, Paul F.

COLLEGE OF ENGINEERING & TECHNOLOGY (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Mechanical Engineering (cont'd)		
Lund, Eric Xawehi	MS	Smith, Craig C.
Manley, Peter	PhD	Red, Walter Edward
Manley, Peter Henrik	PhD	Red, Walter Edward
Morris, Kyle Reed	MEM	Cannon, John N.
Mulkay, Eric Layne	MS	Cox, Jordan J.
Nawahine, Matthew K.	MEM	Parkinson, Alan Roger
Nelson, Craig William	MS	Parkinson, Alan R.
Nelson, Michael Paul	MS	Parkinson, Alan R.
Parker, Scott E.	MS	Parkinson, Alan R.
Pendleton, John B.	MEM	Cannon, John N.
Pyper, David Kimball	MS	Hedman, Paul Odell
Roberts, Andrew Brent	MS	Cox, Jordan J.
Scott, Robert S.	MS	Parkinson, Alan R.
Shaw, William C.	MS	Eastman, Paul F.
Sherman, David Mark	MEM	Parkinson, Alan Roger
Smith, Blake Forrest	MS	Parkinson, Alan R.
Trego, Angela	MS	Chase, Kenneth W.
Trevino, Hector Hugo	MS	Parkinson, Alan R.
Wade, Riser	MS	Magleby, Spencer P.
Warren, David L.	MS	Hedman, Paul Odell
Webb, Sean Allan	MS	Parkinson, Alan R.
Williams, Scott R.	MEM	Parkinson, Alan Roger
Wright, Christian D.	MS	Eastman, Paul F.
Technical Education & Construction Management		
Boden, Robert H.	MS	Newitt, Jay S.
Child, Warren G.	MS	Newitt, Jay S.
Scholes, Sidney Lee	MS	Weidman, Brent
Succo, John Anthony	MS	Weidman, Brent
Walker, Jeanne Kincaid	MS	Weidman, Brent

COLLEGE OF FAMILY, HOME & SOCIAL SCIENCES

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- Activity/Productivity Indexes Chart 52

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- Anthropology 53
- Clothing & Textiles 54
- Economics 55
- Family Sciences 56
- Geography 57
- History 58
- Joseph Fielding Smith Institute 59
- Political Science 60
- Psychology 61
- School of Social Work 62
- Sociology 63

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FAMILY, HOME & SOCIAL SCIENCES SUMMARY SECTION

List of Scholarly Works and Publications

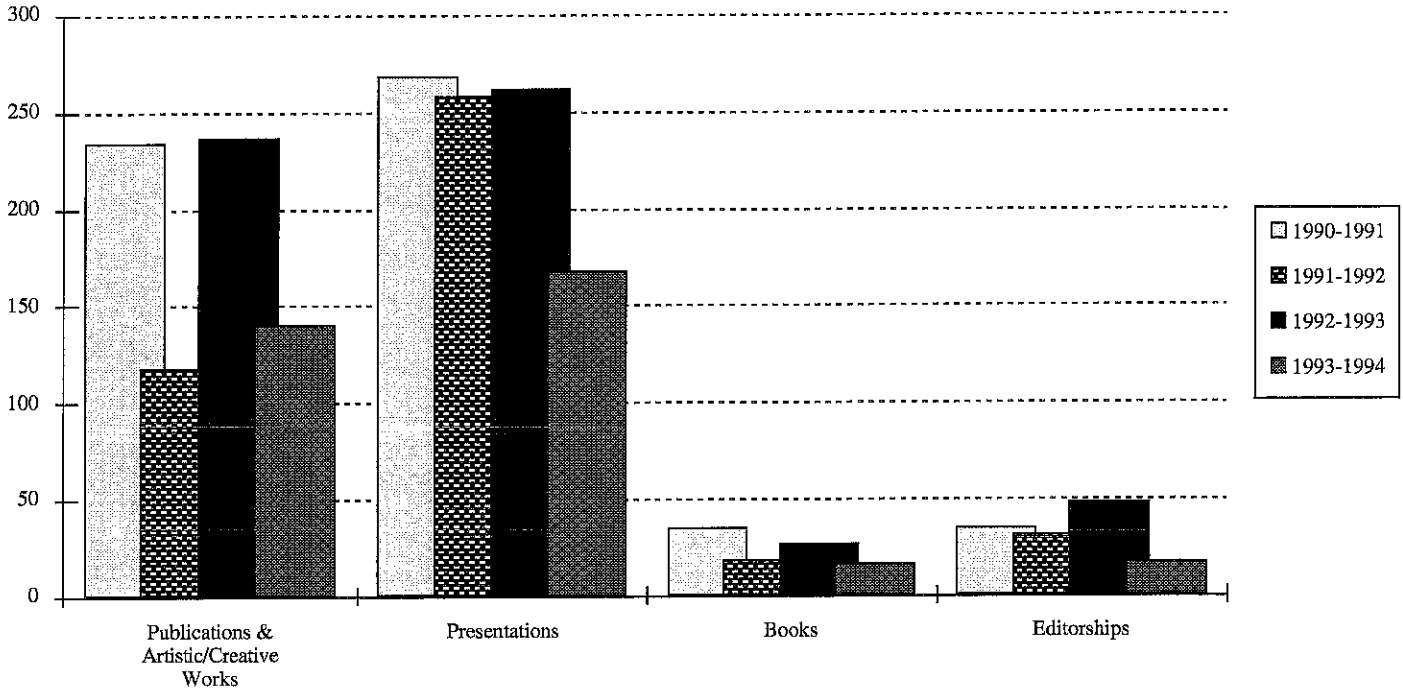
1.	Reference and/or Creative Books	7
2.	Instructional Textbooks	6
3.	Edited Scholarly Books	2
4.	Chapters in Books	21
5.	Critically Reviewed Publications	60
6.	Scholarly Encyclopedia Contributions	26
7.	Book Reviews	28
8.	Juried, Invited, or Commissioned Works	1
9.	Published Creative Works	7
10.	Performances and Productions	3
	Total (1-10)	161
11.	Scholarly Presentations	168
12.	Editorships	17
13.	Intellectual Properties	3
14.	Number of Faculty with At Least One Work in 1-10	64
15.	Total Faculty Members Participating	101

- **Family, Home & Social Sciences** Activity Index **0.63**

- **Family, Home & Social Sciences** Productivity Index **1.59**

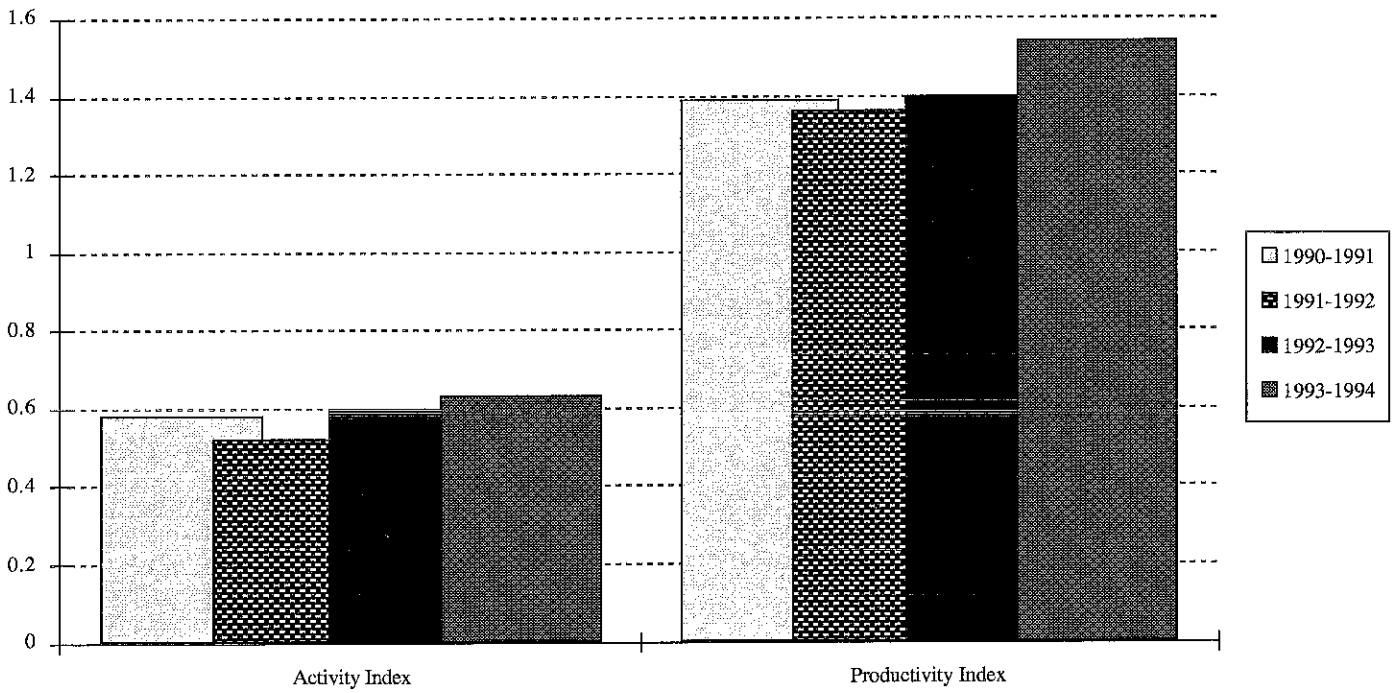
Family, Home & Social Sciences

Scholarly Productivity - Four Year Comparison



Family, Home & Social Sciences

Activity and Productivity Indexes - Four Year Comparison



Anthropology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	7
5.	Critically Reviewed Publications	2
6.	Scholarly Encyclopedia Contributions	2
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	13
11.	Scholarly Presentations	18
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	6
15.	Total Faculty Members Participating	9

Clothing & Textiles Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	3
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	2
	Total (1-10)	5
11.	Scholarly Presentations	5
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	3
15.	Total Faculty Members Participating	5

Economics Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	12
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	12
11.	Scholarly Presentations	32
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	16

Family Sciences Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	4
3.	Edited Scholarly Books	1
4.	Chapters in Books	3
5.	Critically Reviewed Publications	24
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	5
8.	Juried, Invited, or Commissioned Works	1
9.	Published Creative Works	5
10.	Performances and Productions	0
	Total (1-10)	44
11.	Scholarly Presentations	65
12.	Editorships	11
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	19
15.	Total Faculty Members Participating	32

Geography Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	3
5.	Critically Reviewed Publications	11
6.	Scholarly Encyclopedia Contributions	11
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	1
10.	Performances and Productions	0
	Total (1-10)	30
11.	Scholarly Presentations	15
12.	Editorships	1
13.	Intellectual Properties	2
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	9

History Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	3
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	1
4.	Chapters in Books	8
5.	Critically Reviewed Publications	8
6.	Scholarly Encyclopedia Contributions	13
7.	Book Reviews	21
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	1
10.	Performances and Productions	1
	Total (1-10)	57
11.	Scholarly Presentations	33
12.	Editorships	1
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	20
15.	Total Faculty Members Participating	30

Joseph Fielding Smith Institute

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	2
6.	Scholarly Encyclopedia Contributions	17
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	23
11.	Scholarly Presentations	4
12.	Editorships	3
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	7
15.	Total Faculty Members Participating	7

Political Science Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	3
3.	Edited Scholarly Books	4
4.	Chapters in Books	18
5.	Critically Reviewed Publications	10
6.	Scholarly Encyclopedia Contributions	7
7.	Book Reviews	6
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	49
11.	Scholarly Presentations	38
12.	Editorships	6
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	17
15.	Total Faculty Members Participating	24

Psychology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	3
2.	Instructional Textbooks	3
3.	Edited Scholarly Books	2
4.	Chapters in Books	16
5.	Critically Reviewed Publications	34
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	58
11.	Scholarly Presentations	47
12.	Editorships	11
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	18
15.	Total Faculty Members Participating	31

School of Social Work

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	1
5.	Critically Reviewed Publications	5
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	10
11.	Scholarly Presentations	14
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	7
15.	Total Faculty Members Participating	10

Sociology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	12
5.	Critically Reviewed Publications	14
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	31
11.	Scholarly Presentations	28
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	15
15.	Total Faculty Members Participating	19

COLLEGE OF FAMILY, HOME & SOCIAL SCIENCES

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Anthropology		
Parvaz, Rose Wilson	MA	Nolton, David
Gosser, Dennis C.	MA	Clark, John E.
Morgan, Rebecca L.	MA	Clark, John E.
Family Sciences		
Ahlander, Nancy	PhD	Olson, Terrance D.
Anderson, Shannon	MS	Larson, Jeffry H.
Barksdale, Laura J.	MS	Olson, Terrance D.
Blaisdell, Brent T.	PhD	Harper, James M.
Byram, Robert Paul	PhD	Harper, James M.
Chaudry, Taranum	PhD	Feinauer, Leslie L.
Dorius, Guy Lewis	PhD	Barber, Brian K.
Doxey, Cynthia	PhD	Holman, Thomas B.
Evans, Kathleen L.	MS	Garrison, Carolyn
Fielding, Elizabeth Baker	MS	Rowley, Maxine Lewis
Head, Sareta Marie Dobs	PhD	Barber, Brian K.
Heath, Harold	MS	Feinauer, Leslie L.
Jensen, David K.	MS	Beutler, Ivan F.
Johnson, Scerinda S.	MS	Feinauer, Leslie L.
Jones, Eric F.	PhD	Mead, D. Eugene
Lees, Mark	PhD	Feinauer, Leslie L.
Lifferth-Tait, Kathleen	MS	Crane, D. Russell
Lundell, Cahterine	MS	Feinauer, Leslie L.
Magarrell, Roberta	PhD	Holman, Thomas B.
Mitchell, Jill	PhD	Feinauer, Leslie L.
Olson, Kristine G.	MS	Harper, James M.
Owens, Kimberly Anne	MS	Harper, James M.
Rasmussen, Kipling S.	PhD	Harper, James M.
Rhoades, Clifford Jay	PhD	Holman, Thomas B.
Rich, Rebecca Farnsworth	MS	Garrison, Carolyn
Richins, Rhonda Marie	MS	Rowley, Maxine Lewis
Robinson, Jeffrey	MS	Feinauer, Leslie L.
Rodriguez, Ariel	MS	Holman, Thomas B.
Schwab, Kenneth Pugmire	PhD	Harper, James M.
Silverman, Brenda Lee	MS	Feinauer, Leslie L.
Stuart, Daniel	MS	Feinauer, Leslie L.
Thayne, Tim	MS	Larson, Jeffry H.
Whitaker, Richard K., Jr.	PhD	Stahmann, Robert F.
Wood, David Ryder	PhD	Thomas, Darwin L.
Yorgason, Floyd Wayne	MS	Beutler, Ivan F.
Geography		
Arnold, Teresa M.	MS	Jackson, Richard H.
Barney, Helen D. Burnha	MS	Jackson, Richard H.
Christofferson, Tony L.	MS	Hinckley, Thomas K.

COLLEGE OF FAMILY, HOME & SOCIAL SCIENCES (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Geography (cont'd)		
Demayo, Jennifer Caye	MS	Jackson, Richard H.
Foutz, Lawrence Tracy	MS	Jackson, Richard H.
Jarvis, Jeffrey Neil	MS	Jackson, Richard H.
Kavila, Benjamin Kiio	MS	Jackson, Richard H.
Korkosz, John Paul	MS	Jackson, Richard H.
Martin, Eric S.	MS	Hardin, Perry J.
Martin, Leah S.	MS	Jackson, Richard H.
Otterstrom, Samuel M.	MS	Jackson, Richard H.
Tillman, Benjamin Farr	MS	Emmett, Chad F.
History		
Brown, Catherine M.	MA	Pearcy, Thomas L.
Connors, William Phill	MA	Thorp, Malcolm R.
Fox, Russell Arben	MA	Wright, David C.
Mitchell, Michael E.	MA	Tobler, Douglas F.
Reeve, Walter Paul	MA	Gowans, Fred R.
Roberts, Elaine Martin	MA	Pearcy, Thomas L.
Shumway, Jeffrey Merrill	MA	Brown, Kendall W.
Trefzger, Doulas	MA	Pearcy, Thomas L.
Political Science		
Brecht, Jeffrey Todd	MA	Bryner, Gary C.
Clouse, David Robert	MA	Bryner, Gary C.
Evans, Karen I.	MA	Bryner, Gary C.
Fowles, Dwayne Charles	MA	Bryner, Gary C.
Hirsch, Stephanie Ann	MA	Bryner, Gary C.
Hokanson, Rachel Call	MA	Bryner, Gary C.
Huddleston, Tracey K.	MA	Bryner, Gary C.
Jensen, Kurt James	MA	Bryner, Gary C.
Seely, Lori LeAnn	MA	Bryner, Gary C.
Vore, Christopher S.	MA	Bryner, Gary C.
Psychology		
Abunuwara, Ehab Samir	PhD	Jensen, Larry
Anderson, Carol V.	MS	Bigler, Erin D.
Chamberlain, Mark D.	PhD	Bergin, Allen E.
Chua, Thiam Peng	MS	Stimpson, David V.
Condon, Kellie Marie	PhD	Lambert, Michael J.
Dai, Yong	PhD	Brown, Bruce L.
Fordik, Chrisanne M.	MS	Brown, Bruce L.
Gale, Shawn D.	PhD	Bigler, Erin D.
Gambles, David H.	PhD	Lambert, Michael J.
Grundy, Curtis Todd	PhD	Lambert, Michael J.
Grundy, Elizabeth Mollette	PhD	Lambert, Michael J.
Jenkins, Paul H.	PhD	Lambert, Michael J.

COLLEGE OF FAMILY, HOME & SOCIAL SCIENCES (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Psychology (cont'd)		
Kubala, Gaylynne Myers	MA	Miller, H.C.
Mason-Hackford, Gail Ann	MS	Brown, Bruce L.
Nielson, Janice Gerber	MS	Smith, Kay H.
Olsen, Kirsten	MA	Ridge, Robert D.
Park, Matthew Gardner	PhD	Weight, David G.
Reay, Patricia	MA	Williams, Richard N.
Reynolds, Emily Madsen	MS	Williams, Richard N.
Sanford, D. Brett	MA	Payne, I.R.
Thayn, Kim B.	PhD	Wood, Larry E.
Wiederhold, Paul G.	MS	Robinson, Paul W.
Wood, Dawn-Marie Grange	MS	Bigler, Erin D.
School of Social Work		
Attisani, Christina Marie	MSW	Gerdes, Karen E.
Barclay, Michael	MSW	Norman, Judith L.
Bassett, Barry Bob	MSW	Gerdes, Karen E.
Baumgarten, Victor A.	MSW	Spaid, Wanda M.
Baxter, Susan Dalene	MSW	Spaid, Wanda M.
Brown, Louise C.	MSW	Gerdes, Karen E.
Hannemann, Salofi C.	MSW	Spaid, Wanda M.
Kennedy, Darcy Brook	MSW	Horton, Anne L.
Lee, Cindy L.	MSW	Horton, Anne L.
Lee, Horace Moon Hung	MSW	Spaid, Wanda M.
Palmer, Ronald Gale	MSW	Spaid, Wanda M.
Petersen, Corby Joseph	MSW	Horton, Anne L.
Reintjes, Jennifer Jane	MSW	Spaid, Wanda M.
Remington, Kathleen Marcella	MSW	Spaid, Wanda M.
Robinson, Julie Patrice	MSW	Gerdes, Karen E.
Savage, Brian F.	MSW	Horton, Anne L.
Shelton, Cary Lynn	MSW	Spaid, Wanda M.
Smith, Heidi J.	MSW	Horton, Anne L.
Villaroman, John J.	MSW	Norman, Judith L.
Wooldridge, Nancy Gail	MSW	Wheeler, Barbara R.
Sociology		
Allred, Nissa C. Bengtson	MS	Cornwall, Marie
Bahr, Matthew S.	MS	Young, Lawrence A.
Burraston, Bert Owen	MS	Duke, James T.
Busse, Sarah Isabel	MS	Ward, Carol J.
Comstock Diana C.	MS	Barber, Brian K.
Dorius, Guy	PhD	Heaton, Tim B.
Fu, Xuan Ning	PhD	Heaton, Tim B.
Glines, Lee	PhD	Johnson, Barry L.
Harris, Mark Allen	MS	Jacobson, Cardell K.
Hay, Steven	PhD	Johnson, Barry L.

KENNEDY INTERNATIONAL CENTER

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Sociology (cont'd)		
Hinckley, Gregory S.	MS	Ward, Carol J.
Jolley, Kennion D.	MS	Johnson, Barry L.
Kunz, Jenifer	PhD	Chadwick, Bruce A.
Marwick, Laura May	MS	Young, Lawrence A.
McNamara, Mary Lou	PhD	Chadwick, Bruce A.
Peterson, Janice	PhD	Johnson, Barry L.
Rawle, Robert	PhD	Johnson, Barry L.
Ringger, Mark	PhD	Thomas, Darwin L.
Wood, David	PhD	Thomas, Darwin L.
International Area Studies		
Adams, Gregory Lynn	MA	Keller, Roger R.
Al-Fayez, Nayef H.	MA	Green, Arnold H.
Brown, Cathrine M.	MA	Pearcy, Thomas
Conis, Annick D.	MA	Wilson, Laurie
DeVotta, L. Neil	MA	Galbraith, Joel David
Fox, Russell	MA	Wright, David C.
Graham, Donald Kurt	MA	Beecher, Marueen U.
Hammond, Todd M.	MA	Hyer, Eric A.
Handy, Kristina	MA	Hudson, Valerie M.
Jones, Gregory Sid	MA	Grover, Mark L.
Lamoureux, Christopher M.	MA	Porter, Bruce D.
Trefzger, Douglas W.	MA	Lyon, Thomas E.
Ogden, W. Deven	MA	Hillam, Ray C.
Scoville, Rebecca Libanos	MA	Ward, Carol J.
Tsukamoto, Mathew C.	MA	Farnsworth, Lee W.
Turner, Corey C.	MA	Peterson, Mark A.
Webb, Diana Barton	MA	Greiggs, C. Wilfred

COLLEGE OF FINE ARTS & COMMUNICATION

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FINE ARTS & COMMUNICATION SUMMARY SECTION

List of Scholarly Works and Publications

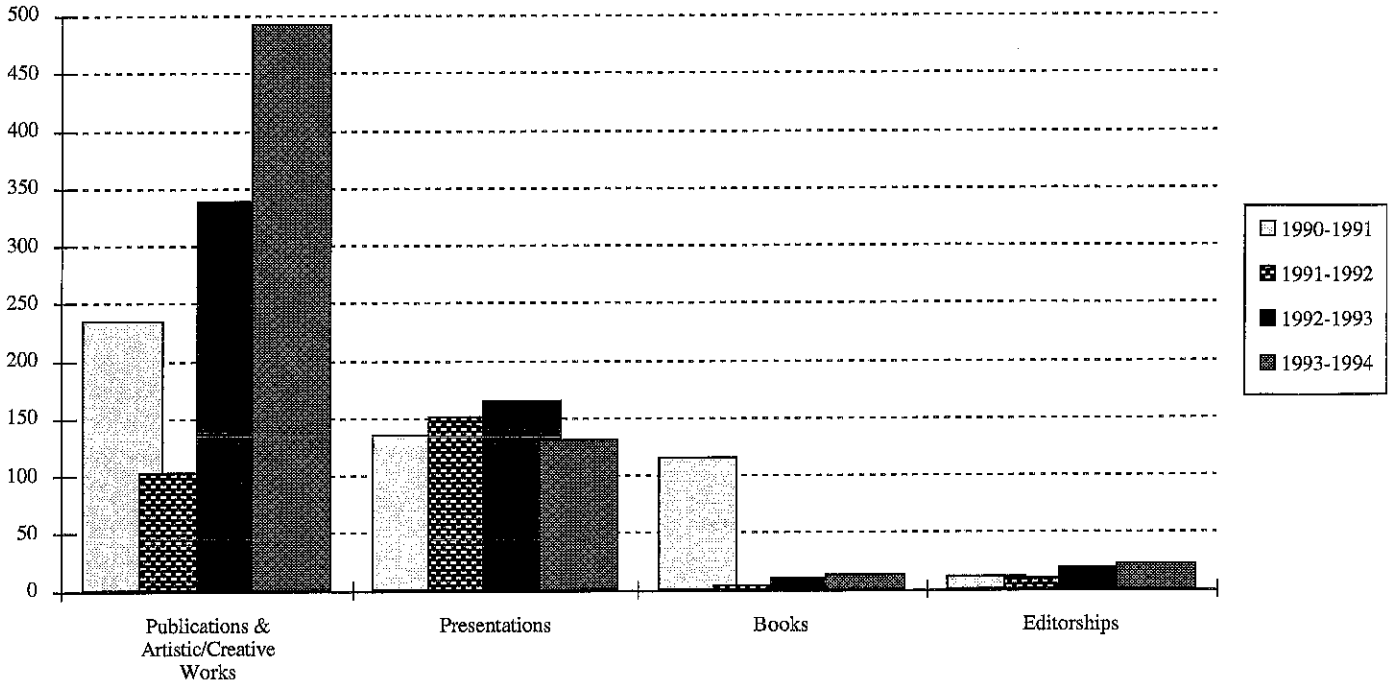
1.	Reference and/or Creative Books	5
2.	Instructional Textbooks	6
3.	Edited Scholarly Books	2
4.	Chapters in Books	17
5.	Critically Reviewed Publications	49
6.	Scholarly Encyclopedia Contributions	2
7.	Book Reviews	30
8.	Juried, Invited, or Commissioned Works	124
9.	Published Creative Works	95
10.	Performances and Productions	176
	Total (1-10)	506
11.	Scholarly Presentations	131
12.	Editorships	23
13.	Intellectual Properties	7
14.	Number of Faculty with At Least One Work in 1-10	85
15.	Total Faculty Members Participating	107

- **Fine Arts & Communication** Activity Index **0.79**

- **Fine Arts & Communication** Productivity Index **4.73**

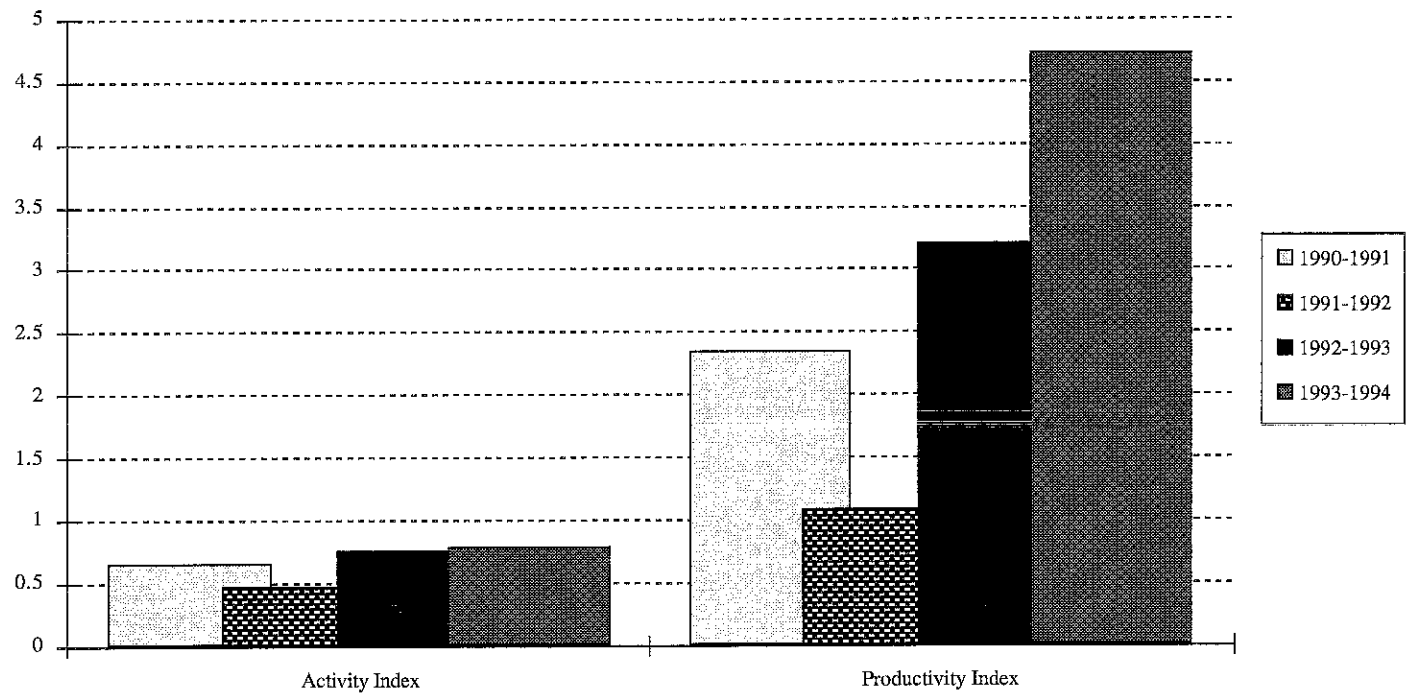
Fine Arts & Communication

Scholarly Productivity - Four Year Comparison



Fine Arts & Communication

Activity and Productivity Indexes - Four Year Comparison



Art Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	1
5.	Critically Reviewed Publications	12
6.	Scholarly Encyclopedia Contributions	2
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	64
9.	Published Creative Works	3
10.	Performances and Productions	0
	Total (1-10)	83
11.	Scholarly Presentations	22
12.	Editorships	1
13.	Intellectual Properties	6
14.	Number of Faculty with At Least One Work in 1-10	17
15.	Total Faculty Members Participating	18

Communications Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	1
4.	Chapters in Books	12
5.	Critically Reviewed Publications	20
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	5
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	4
10.	Performances and Productions	3
	Total (1-10)	47
11.	Scholarly Presentations	39
12.	Editorships	12
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	14
15.	Total Faculty Members Participating	23

Design Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	0
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	27
9.	Published Creative Works	38
10.	Performances and Productions	0
	Total (1-10)	68
11.	Scholarly Presentations	6
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	12

Music Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	1
4.	Chapters in Books	2
5.	Critically Reviewed Publications	10
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	4
8.	Juried, Invited, or Commissioned Works	10
9.	Published Creative Works	43
10.	Performances and Productions	108
	Total (1-10)	180
11.	Scholarly Presentations	32
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	30
15.	Total Faculty Members Participating	38

Theater & Film Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	3
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	7
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	21
8.	Juried, Invited, or Commissioned Works	23
9.	Published Creative Works	7
10.	Performances and Productions	65
	Total (1-10)	128
11.	Scholarly Presentations	32
12.	Editorships	6
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	16
15.	Total Faculty Members Participating	16

COLLEGE OF FINE ARTS & COMMUNICATION

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Art		
Babcock, Dianna Lynn	MA	Beattie, Donna Kay
Bacon, Cheri Lynn	MA	Peacock, Martha Moffitt
Carson, Sandra Squires	MA	Hill, Sherron D.
Coletti, Kathleen	MA	Hill, Sherron D.
Colvin, Shelly Larsen	MA	Bule, Steven
Doyle, Joan	MA	Beattie, Donna Kay
Jueschke, Andrea Julie	MA	Peacock, Martha Moffitt
Minck, Katherine Louise	MFA	Marshall, Robert L.
Mohlman, Tamara W.	MA	Peacock, Martha Moffitt
Wang, Gang	MA	Peacock, Martha Moffitt
Communications		
Andersen, Connie Lyon	MA	Egan, Kathryn S.
Bohannon, Ronald W.	MA	Nelson, Jack A.
Chung, Pamela	MA	Whiting, Gordon C.
Husselbee, Loren Paul	MA	Porter, William C.
Kunde, Gregory Todd	MA	Wilson, Laurie J.
Li, Bingshuang	MA	Whiting, Gordon C.
Nicholls, Shelly Ann	MA	Valenti, JoAnn M.
Peterson, Val Lamar	MA	Hainsworth, Brad E.
Scott, David W.	MA	Stout, Daniel A.
Simonsen, Heather Wayment	MA	Egan, Kathryn S.
Music		
Belgique, Joel P.	MM	Dalton, David
Berghout, Daniel Frederick	MM	Belnap, Parley L.
Bigelow, Anny Claudine	MM	Dalton, David
Bowman, John Scott	MM	Williams, Glenn R.
Brinkerhoff, DeeAnn	MM	Belnap, Parley L.
Charles, Judy Lee	MM	Pollei, Paul C.
Dalton, Amy	MM	Staheli, Ronald J.
Dunning, Sharon Lynn	MM	Dalton, David
Harker, Brian Cameron	MM	Bush, Douglas E.
Herlin, Thomas R.	MM	Sargent, David H.
Howard, Luke Benjamin	MM	Bush, Douglas E.
Kempton, Randy	MM	Staheli, Ronald J.
Krieger, Marcos Fernando	MM	Belnap, Parley L.
Leavitt, Lynette Grace	MM	Williams, Glenn R.
Lex, Jill Peterson	MA	Pratt, Rosalie Rebollo
McCawley, Michael James	MM	Williams, Glenn R.
Norman, Janice Cheryl	MM	Pollei, Paul C.
Odekirk, Lenore Wise	MM	Westwood, Shirley
Parker, Kristine L.	MM	Williams, Glenn R.
Prosch, Robert W.	MM	Westwood, Shirley
Pusey, Marcel Walsh	MM	Powley, E. Harrison

COLLEGE OF FINE ARTS & COMMUNICATION (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Music (cont'd)		
Riley, Dyanne	MM	Staheli, Ronald J.
Skouson, Jonathan David	MM	Williams, Glenn R.
Sorensen, Russell	MM	Belnap, Parley L.
Stephens, Berin Lee	MM	Williams, Glenn R.
Weber, Kristin I.	MM	Pratt, Rosalie Rebollo
Theater & Film		
Hansen, James O.	PhD	Oaks, Harold R.
Moody, Richard L.	PhD	Dark, Jim Vincent
Xiong, Chengyu	PhD	Nelson, Robert A.
Randak, Mary Mitchell	MA	Oaks, HArold R.

COLLEGE OF HUMANITIES

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HUMANITIES SUMMARY SECTION

List of Scholarly Works and Publications

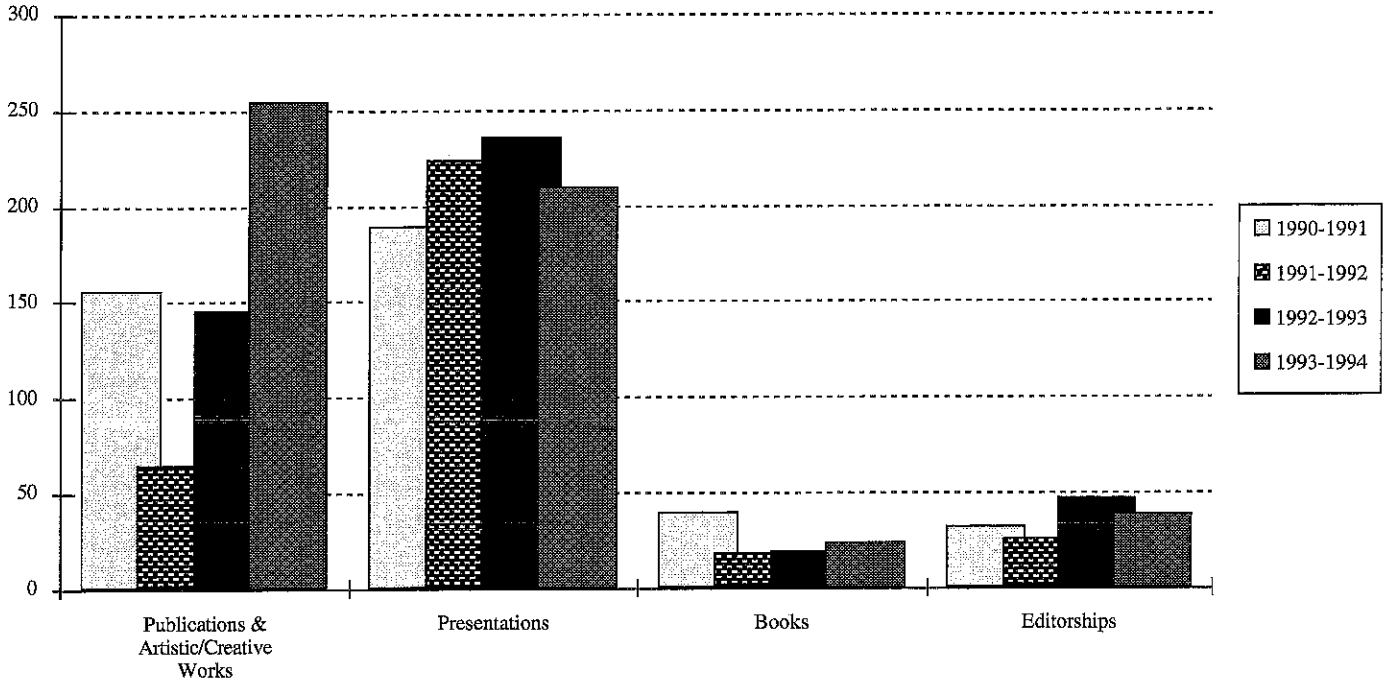
1.	Reference and/or Creative Books	9
2.	Instructional Textbooks	6
3.	Edited Scholarly Books	9
4.	Chapters in Books	58
5.	Critically Reviewed Publications	89
6.	Scholarly Encyclopedia Contributions	34
7.	Book Reviews	36
8.	Juried, Invited, or Commissioned Works	1
9.	Published Creative Works	34
10.	Performances and Productions	2
	Total (1-10)	278
11.	Scholarly Presentations	210
12.	Editorships	39
13.	Intellectual Properties	10
14.	Number of Faculty with At Least One Work in 1-10	82
15.	Total Faculty Members Participating	137

- **Humanities** Activity Index **0.60**

- **Humanities** Productivity Index **2.03**

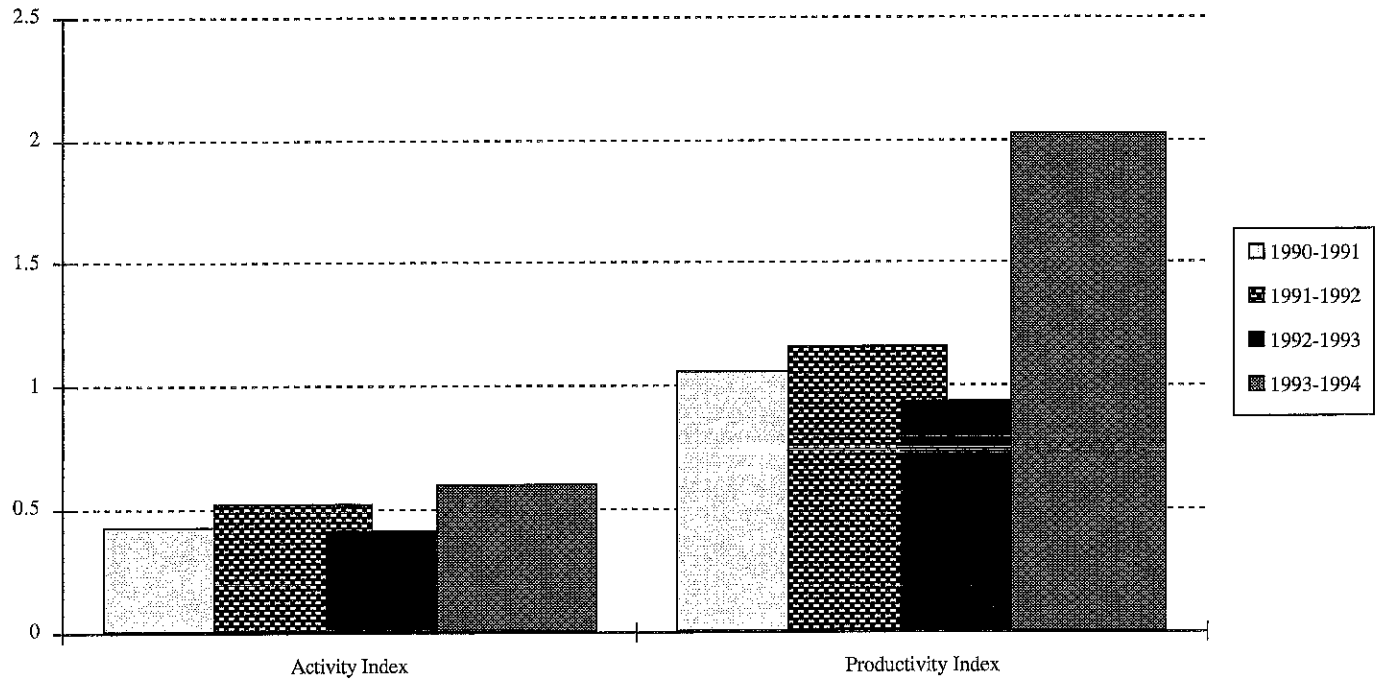
Humanities

Scholarly Productivity - Four Year Comparison



Humanities

Activity and Productivity Indexes - Four Year Comparison



Asian & Near Eastern Languages Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	2
4.	Chapters in Books	13
5.	Critically Reviewed Publications	4
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	10
8.	Juried, Invited, or Commissioned Works	1
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	31
11.	Scholarly Presentations	25
12.	Editorships	3
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	9
15.	Total Faculty Members Participating	15

English Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	3
2.	Instructional Textbooks	5
3.	Edited Scholarly Books	6
4.	Chapters in Books	34
5.	Critically Reviewed Publications	62
6.	Scholarly Encyclopedia Contributions	21
7.	Book Reviews	20
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	34
10.	Performances and Productions	2
	Total (1-10)	187
11.	Scholarly Presentations	91
12.	Editorships	24
13.	Intellectual Properties	2
14.	Number of Faculty with At Least One Work in 1-10	46
15.	Total Faculty Members Participating	64

French & Italian Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	5
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	9
11.	Scholarly Presentations	27
12.	Editorships	2
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	6
15.	Total Faculty Members Participating	11

Germanic & Slavic Languages Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	3
6.	Scholarly Encyclopedia Contributions	4
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	10
11.	Scholarly Presentations	13
12.	Editorships	2
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	5
15.	Total Faculty Members Participating	18

Humanities, Classics & Comparative Literature Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	2
5.	Critically Reviewed Publications	4
6.	Scholarly Encyclopedia Contributions	9
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	17
11.	Scholarly Presentations	12
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	7
15.	Total Faculty Members Participating	18

Linguistics Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	7
5.	Critically Reviewed Publications	11
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	4
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	24
11.	Scholarly Presentations	42
12.	Editorships	4
13.	Intellectual Properties	8
14.	Number of Faculty with At Least One Work in 1-10	9
15.	Total Faculty Members Participating	11

Philosophy Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	3
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	5
11.	Scholarly Presentations	10
12.	Editorships	1
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	5
15.	Total Faculty Members Participating	11

Spanish & Portuguese Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	6
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	4
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	1
10.	Performances and Productions	0
	Total (1-10)	16
11.	Scholarly Presentations	30
12.	Editorships	2
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	9
15.	Total Faculty Members Participating	25

Humanities Research Center

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	0
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	1
11.	Scholarly Presentations	8
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	1
15.	Total Faculty Members Participating	4

COLLEGE OF HUMANITIES

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
English		
Ali, Souad Tagelsir	MA	Lundquist, Suzanne E.
Bahr, Mary Lynn	MA	Wilson, William
Bay, Andrew Tobler	MA	Lundquist, Suzanne E.
Bennett, Robert Bruce	MA	Lundquist, Suzanne E.
Carr, Daryl Keith	MA	Cronin, Gloria
Chen, Xiaomin	MA	Wahlquist, Elizabeth
Chevrier, Kristen S.	MA	Walker, Steven C.
Christiansen, Cami D.	MA	Clark, Gregory D.
Cole, Nathan Elijah	MA	Lundquist, Suzanne E.
Duffin, Carol Lee S.	MA	Hansen, Kristine
Gallacher, Claudine F.	MA	Zimmerman, Beverly
Hammond, Samuel S.	MA	Farr, Cecilia
Harris, Kyle Dale	MA	Boswell, Grant M.
Harris, Shauna Kaye	MA	Murphy, John J.
Hawes, Jennifer Crapo	MA	Murphy, John J.
Housley, Cathryn H.	MA	Walker, Steven C.
Maybee, Lori M.	MA	Howe, Susan
Means, Robert S.	MA	Evans, David
Meehan, Dawn Nelson	MA	Hatch, Gary L.
Meyer, Casualene	MA	Spencer, Darrell K.
Miles, Henry Landon	MA	Spencer, Darrell K.
Murdock, Wade Carlos	MA	Houston, Gail T.
Neal, James David	MA	Wilson, William
Noble, Michael Jay	MA	Harris, Claudia W.
Norton, Tennery Taylor	MA	Zimmerman, Beverly
Palmer, Lisa Michelle	MA	Hansen, Kristine
Partridge, Kody L.	MA	Cronin, Gloria
Rey, Jennifer M.	MA	Eggington, William G.
Romesburg, Rod A.	MA	Tanner, Stephen L.
Rosenlof, Rebecca Turner	MA	Walker, Steven C.
Sevison, Alan Blaine	MA	Howe, Susan
Sundahl, Heather B.	MA	Wilson, William
Tanner, John Russell	MA	Boswell, Grant M.
Thomas, Susan S.	MA	Houston, Gail T.
Vistaunet, Melissa B.	MA	Farr, Cecilia
Wangsgaard, Jalene Merkley	MA	Houston, Gail T.
Webb, Joan Crapo	MA	Cracroft, Richard H.
Wistisen, Nicole	MA	Clark, Gregory D.
Yamada, Laura W.	MA	Lawrence, A. Keith
French & Italian		
Baird, Steven	MA	Bell, Mark E.
Nielsen, Heidi McCullough	MA	Bell, Mark E.
Whiteley, Jeff K.	MA	Bell, Mark E.

COLLEGE OF HUMANITIES (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Germanic & Slavic Languages		
Mitchell, Keena Leandra	MA	Abbott, Scott
Reading, Renate Bader	MA	Abbott, Scott
Schwendiman, Michelle	MA	Plummer, Thomas G.
Willder, Mark Edward	MA	Abbott, Scott
Humanities, Classics, & Comparative Literature		
Hales, Sharon W.	MA	Green, Jon D.
Reading, William M.	MA	Sondrup, Steven P.
Rimmasch, Kristy Easton	MA	Call, Michael J.
Steele, Michalyn	MA	Bassett, Arthur R.
Willburn, Tracy	MA	Tate, George S.
Language Acquisition		
Lee, Yu-Fen Fances	MA	Bougerie, Dana
Yue, Tongguange	MA	Bougerie, Dana
Fjeldsted, Matthew D.	MA	Russell, Robert A.
Olson-Johnson, Susan Marie	MA	Bougerie, Dana
Wortham, Alan Kirt	MA	Watabe, Masakazu
Linguistics		
Austin, Jennifer Gay	MA	Scott, Mary Lee
Bagley, Carol Lynne	MA	Henrichsen, Lynn E.
Bennett, Pamela J.	TESL	Luthy, Melvin J.
Bradford, John Charles	TESL	Luthy, Melvin J.
Britsch, Sheri	TESL	Luthy, Melvin J.
Bruziene, Violeta Buobaite	TESL	Luthy, Melvin J.
Burrill, Jennifer Helene	TESL	Luthy, Melvin J.
Cash, Carolyn Marie	TESL	Luthy, Melvin J.
Chevallier, Christelle	TESL	Luthy, Melvin J.
Christiansen, David	TESL	Luthy, Melvin J.
Cosby, Kathryn Collins	TESL	Luthy, Melvin J.
Danielson, Britany Ann	TESL	Luthy, Melvin J.
Eggington, Pamela Joy	TESL	Luthy, Melvin J.
Farrow, Echo Dawn	TESL	Luthy, Melvin J.
Fatovic, Daisy Skey	TESL	Luthy, Melvin J.
Friel, Heather McMaste	TESL	Luthy, Melvin J.
Fry, Beverly Ann	TESL	Luthy, Melvin J.
Furner, Jeff William	MA	Brown, Cheryl
Galbraith, C. Shaleign	TESL	Luthy, Melvin J.
Gardner, Dee Isaac	MA	Graham, C. Ray
Gines, Susan Charise	TESL	Luthy, Melvin J.
Greer, Cassandra	TESL	Luthy, Melvin J.
Hall, Kathryn	MA	Hallen, Cynthia L.
Henderson, Deborah	MA	Oaks, Dallin D.
Huntington, Sandra Moser	TESL	Luthy, Melvin J.

COLLEGE OF HUMANITIES (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Linguistics (cont'd)		
Ingle, Susan Scott	MA	Graham, C. Ray
Johnson, Karen Lynn	MA	Henrichsen, Lynn E.
Kim, Seong-Soo	MA	Henrichsen, Lynn E.
Lago, Baldomero S.	TESL	Luthy, Melvin J.
Laporte, Carrie Ann	MA	Brown, Cheryl
Larson, Erika L.	TESL	Luthy, Melvin J.
Louza, Alessandra	TESL	Luthy, Melvin J.
Nelson, Christina L.	TESL	Luthy, Melvin J.
Newton, Eileen M.	MA	Brown, Cheryl
Nickerson, Mary Helen	MA	Graham, C. Ray
Nielson, Martin Jon	MA	Skousen, Royal
Nishitani, Atsuko	MA	Henrichsen, Lynn E.
Rey, Jennifer M.	TESL	Luthy, Melvin J.
Richardson, Debra Lynn	TESL	Luthy, Melvin J.
Roberts, Joanna	TESL	Luthy, Melvin J.
Sabo, Catherine Diane	TESL	Luthy, Melvin J.
Sagers, Sherri Lynn	TESL	Luthy, Melvin J.
Sarkissian, Narine	TESL	Luthy, Melvin J.
Shin, Laurie P.	TESL	Luthy, Melvin J.
Smith, Michael Tolman	TESL	Luthy, Melvin J.
White, Cheryl	TESL	Luthy, Melvin J.
Williams, Robyn Lee	TESL	Luthy, Melvin J.
Williams, Robyn Lee	MA	Brown, Cheryl
Wortham, Alan Kirt	TESL	Luthy, Melvin J.
Zea, Luis Johnny	TESL	Luthy, Melvin J.
Zhang, Xinyou	MA	Graham, C. Ray
Spanish & Portuguese		
Banfield, Robert L.	MA	Clegg, J. Halvor
Boyd, Diamantina Rios	MA	Meredith, R. Alan
Gibby, Scott A.	MA	Labrum, Marian B.
Gordon, Barbara Carol	MA	Rosenberg, John R.
Klint, Sharleen JoAnn	MA	Rosen, Harold E.
Laraway, David Phillip	MA	Forster, Merlin H.
Richardson, Nathan E.	MA	Rosenberg, John R.

J. REUBEN CLARK LAW SCHOOL

College Summary 99
Scholarly Productivity Chart 100
Activity/Productivity Indexes Chart 100

Degrees Awarded 101

J. REUBEN CLARK LAW SCHOL SUMMARY SECTION

List of Scholarly Works and Publications

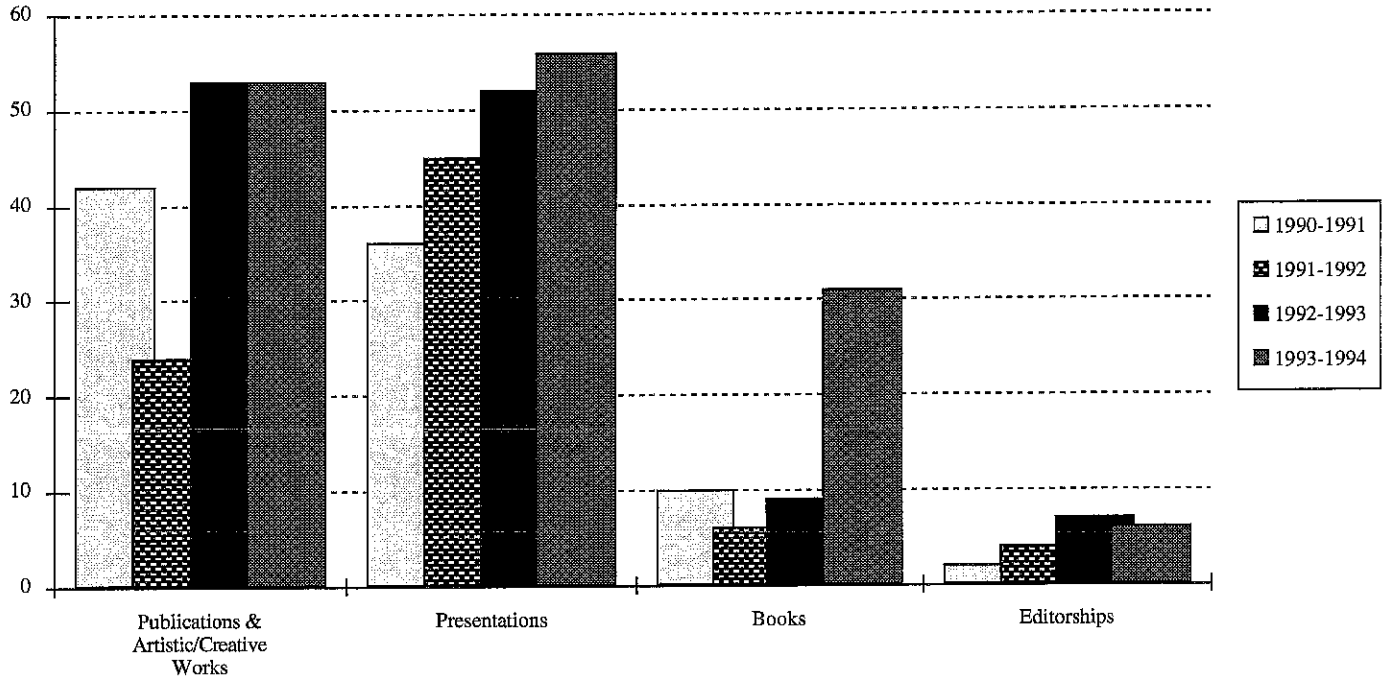
1.	Reference and/or Creative Books	10
2.	Instructional Textbooks	4
3.	Edited Scholarly Books	17
4.	Chapters in Books	22
5.	Critically Reviewed Publications	17
6.	Scholarly Encyclopedia Contributions	9
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	3
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	84
11.	Scholarly Presentations	56
12.	Editorships	6
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	17
15.	Total Faculty Members Participating	24

- **J. Reuben Clark Law School** Activity Index **0.71**

- **J. Reuben Clark Law School** Productivity Index **3.50**

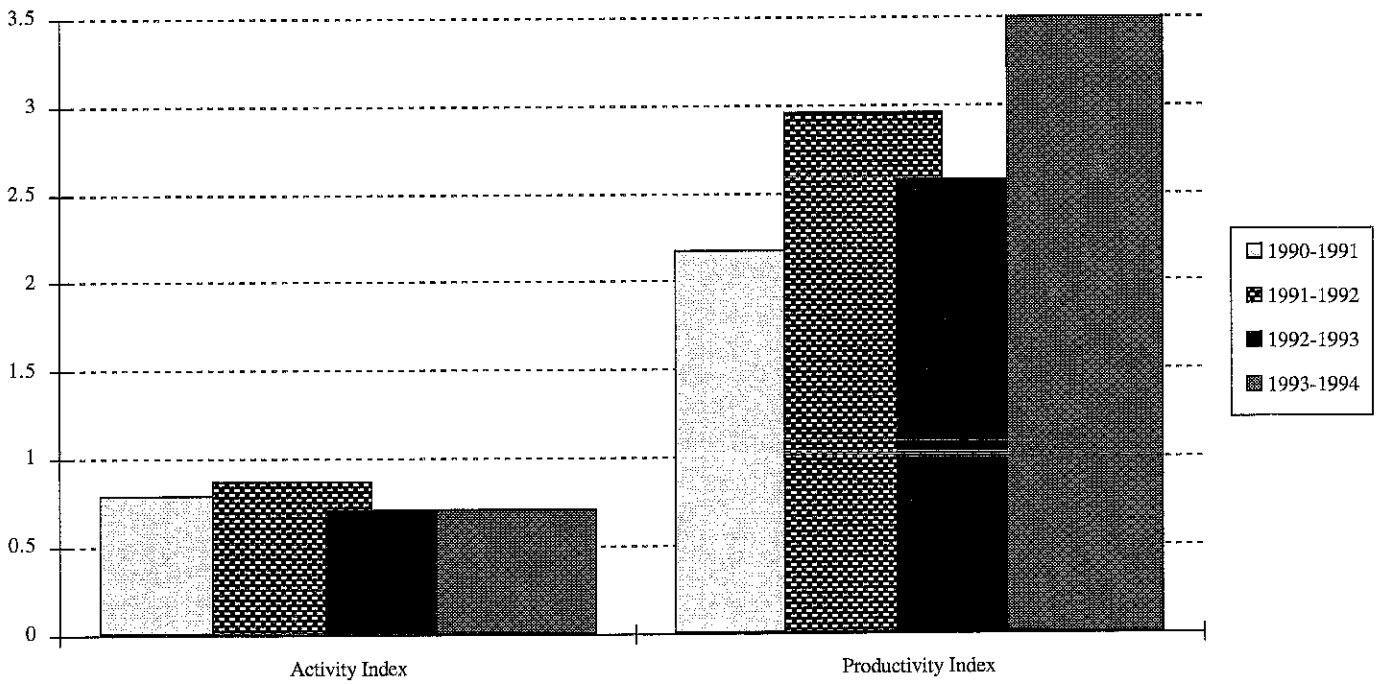
J. Reuben Clark Law School

Scholarly Productivity - Four Year Comparison



J. Reuben Clark Law School

Activity and Productivity Indexes - Four Year Comparison



J. REUBEN CLARK LAW SCHOOL

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Law		
Acton, Gregory M.	JD	
Anderson, Curtis B.	JD	
Andrus, Reed E.	JD	
Atwood, Gina Lowe	JD	
Baggett, Boyd L.	JD	
Bagley, Matthew G.	JD	
Bailey, Albert W.	JD	
Baird, Billye D.	JD	
Baker, Steven K.	JD	
Barlow, John H.	JD	
Barton, Steven Kent	JD	
Basden, William B.	JD	
Bates, Blaine F.	JD	
Bazzelle, Suchada Phillips	JD	
Beaver, R. Eric	JD	
Behan, Valery Christiansen	JD	
Berntson, Jeanne D.	JD	
Black, Stephen T.	JD	
Blomquist, Michelle R.	JD	
Braegger, Troy R.	JD	
Bryner, Gary C.	JD	
Cabanilla, Lauralyn	JD	
Cabrera, Sergio M.	JD	
Cai, Houzhen	JD	
Call, Gregory L.	JD	
Campos, Kari Christensen	JD	
Chon, Su J.	JD	
Clayton, Riley A.	JD	
Cook, Bret D.	JD	
Cordner, Clark R.	JD	
Davis, Alan R.	JD	
Davis, Robert L.	JD	
Dilmaghani, Alireza	JD	
Earl, Ryan J.	JD	
Elieson, Dayle Ann	JD	
Farrell, Timothy M.	JD	
Fischer, Essie B.	JD	
Flores, German T.	JD	
Fowlke, Lorie D.	JD	
Franco, Alexandra Bowler	JD	
Freidman, Mary Pat	JD	
Garcia, Carlos A.	JD	
Gilliland, Laurie D.	JD	
Glad, Linda G.	JD	
Godfrey, Lyndon J.	JD	

J. REUBEN CLARK LAW SCHOOL (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Law (cont'd)		
Guanuna, Elizabeth Lehenbauer	JD	
Gunnarson, Richard S.	JD	
Hallock, Todd N.	JD	
Hamm, Scott E.	JD	
Hancey, Mark B.	JD	
Hancock, David J.	JD	
Haslam, James K.	JD	
Hatch, Jacqueline C.	JD	
Herrmann, James M.	JD	
Hess, Natalie	JD	
Hirsche, Darren D.	JD	
Holt, Valerie	JD	
Huffaker, Michael R.	JD	
Hunt, Jefferson B.	JD	
Hyde, Alan K.	JD	
Jepsen, Christine Stone	JD	
Johnson, Eric T.	JD	
Joner, Lisabeth B.	JD	
Jorgensen, Judy L.	JD	
Kamauoha, Edwin L.	JD	
Keeler, Christopher D.	JD	
Khamsi, Bita	JD	
Kilpatrick, William L. II	JD	
Knight, Gregory R.	JD	
Kochevar, Brian J.	JD	
Kohler, Michele L.	JD	
Kunzler, Brian C.	JD	
Latimer, Kimberly D.	JD	
Lavoie, Libing Zhang	JD	
Lavoie, Paul T.	JD	
Lefgren, Tina A.	JD	
Lin, Francis F.	JD	
Littlefield, Kimberly A.	JD	
London, Rachelle	JD	
Ly, Vinh K.	JD	
MacKay, Bruce M.	JD	
Mancini, Carols	LLM	
Margetts, Kenneth C.	JD	
Marr, Kristi Sweep	JD	
Martin, Derek P.	JD	
Maynez, Alejandro	JD	
McDougal, Douglas C.	JD	
Mecham, Todd R.	JD	
Mergler, Rod Knudson	JD	
Meyer, Kenneth H.	JD	

J. REUBEN CLARK LAW SCHOOL (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Law (cont'd)		
Mikulecky, Dianna Torres	JD	
Miller, Brian P.	JD	
Montclair, Roy L.	JD	
Morrison, Heather E.	JD	
Mortell, Thomas J.	JD	
Mortensen, Stan A.	JD	
Muir, Sara Ellison	JD	
Murdock, Bruce	JD	
Murphy, Steve H.	JD	
Nelson, Evan C.	JD	
Nelson, Sara D.	JD	
Nolan, Cheryl	JD	
Norton, Lisa Kay	JD	
Oramas, Samaro	JD	
Pace, Jonathan B.	JD	
Packard, Alison McBride	JD	
Packard, Daniel W.	JD	
Packard, David Bernard	JD	
Persinger, Julene A.	JD	
Petersen, Bret J.	JD	
Pickard, Jeffrey W.	JD	
Quintana, Kori D.	JD	
Rawlins, Michael D.	JD	
Reece, Julie R.	JD	
Reynolds, Tracey Francine	JD	
Rockwell, Rebecca L.	JD	
Romero, Tammera S.	JD	
Romney, Chere H.	JD	
Rooker, Rori Hendrix	JD	
Rowley, Glenn A.	JD	
Schock, Pamela A.	JD	
Sharp, Babara W.	JD	
Shehadeh, Kareem	JD	
Shen, Patrick	JD	
Shirts, Chul	JD	
Siddoway, R. Bryant	JD	
Smith, Michele	JD	
Smith, Stacie Marie	JD	
Smith, Troy A.	JD	
Sorensen, Annette Forbes	JD	
Spencer, Randall K.	JD	
Stahmann, Benjamin C.	JD	
Stratton, Keven John	JD	
Tanaka, Hiroe	JD	
Teichert, Jeffrey B.	JD	
Vance, Dwayne A.	JD	

J. REUBEN CLARK LAW SCHOOL (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Law (cont'd)		
Veeru, Caroline Padma	JD	
Vernon, Eric E.	JD	
Wilkins, David H.	JD	
Wilkins, Mark P.	JD	
Williams, Camille	JD	
Williams, Gary Richard	JD	
Wilson, Michelle N.	JD	
Winspear, Gina Gilbert	JD	
Young, Jon Steven	JD	
Young, Shayne Jay	JD	
Zeidner, Ronald Joe	JD	
Zentner, Tamara K.	JD	

MARRIOTT SCHOOL OF MANAGEMENT

College Summary 107
Scholarly Productivity Chart 108
Activity/Productivity Indexes Chart 108

Department Summaries
Accountancy & Information Systems 109
Business Management 110
Management Communication 111
Managerial Economics 112
Organizational Behavior 113
Public Management 114

Degrees Awarded 115

MARRIOTT SCHOOL OF MANAGEMENT
SUMMARY SECTION

List of Scholarly Works and Publications

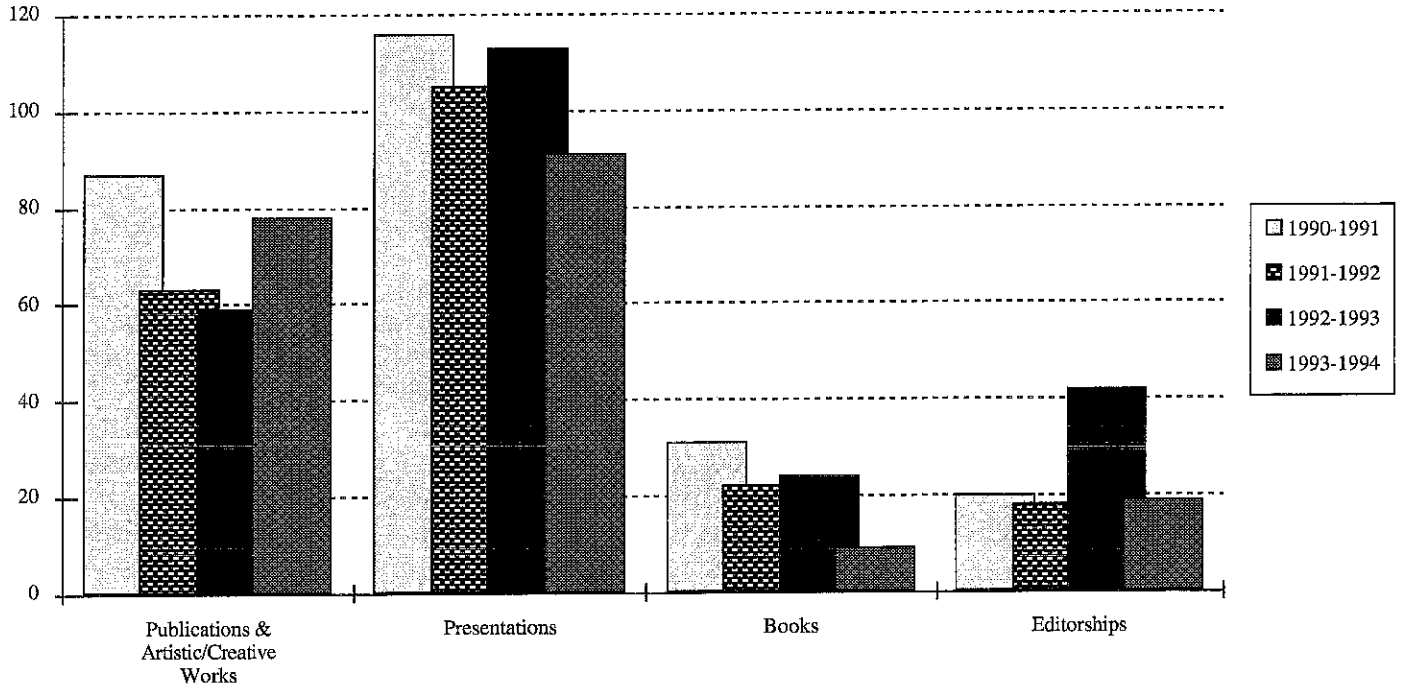
1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	8
3.	Edited Scholarly Books	2
4.	Chapters in Books	24
5.	Critically Reviewed Publications	81
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	7
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	6
10.	Performances and Productions	0
	Total (1-10)	130
11.	Scholarly Presentations	116
12.	Editorships	32
13.	Intellectual Properties	2
14.	Number of Faculty with At Least One Work in 1-10	59
15.	Total Faculty Members Participating	106

- **Marriott School of Management** Activity Index **0.56**

- **Marriott School of Management** Productivity Index **1.23**

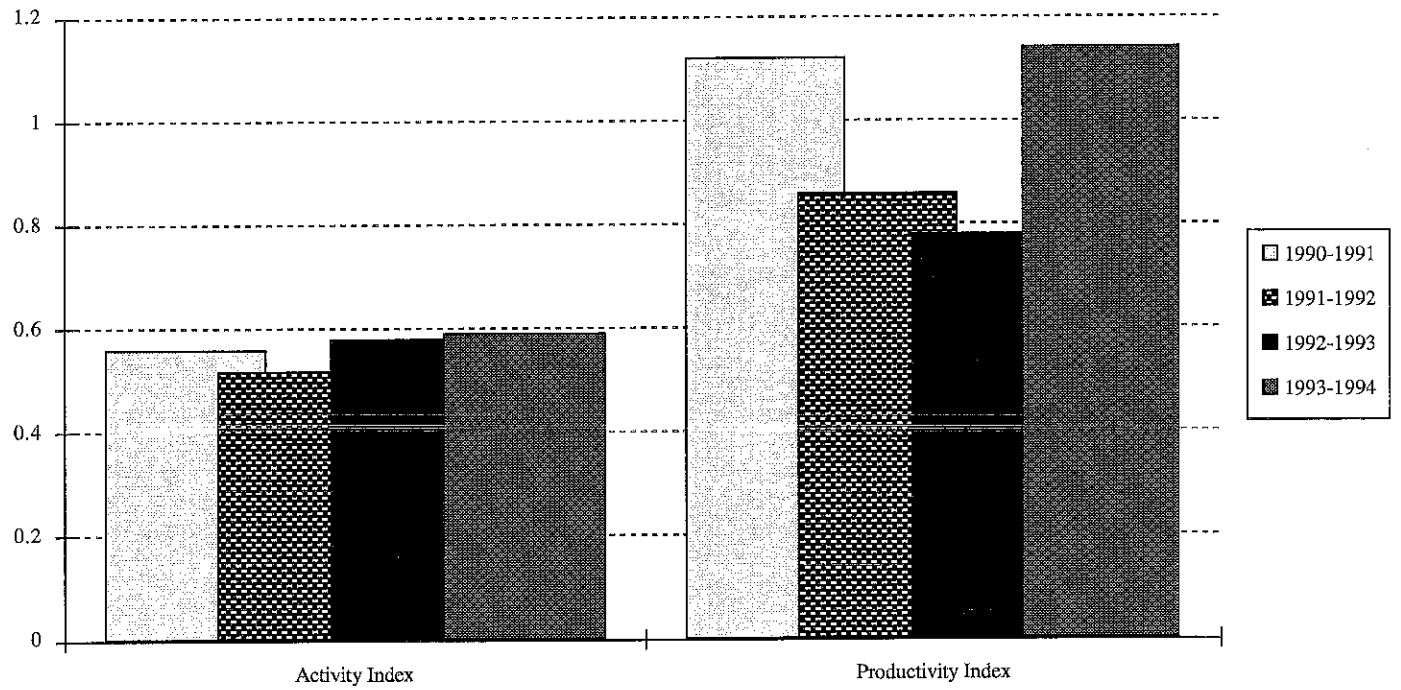
Marriott School of Management

Scholarly Productivity - Four Year Comparison



Marriott School of Management

Activity and Productivity Indexes - Four Year Comparison



School of Accountancy & Information Systems

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	5
3.	Edited Scholarly Books	0
4.	Chapters in Books	4
5.	Critically Reviewed Publications	22
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	33
11.	Scholarly Presentations	49
12.	Editorships	7
13.	Intellectual Properties	2
14.	Number of Faculty with At Least One Work in 1-10	17
15.	Total Faculty Members Participating	31

Institute of Business Management

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	2
4.	Chapters in Books	7
5.	Critically Reviewed Publications	30
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	3
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	43
11.	Scholarly Presentations	25
12.	Editorships	13
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	14
15.	Total Faculty Members Participating	30

Management Communication Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	7
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	6
10.	Performances and Productions	0
	Total (1-10)	16
11.	Scholarly Presentations	4
12.	Editorships	1
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	12

Managerial Economics Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	3
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	3
11.	Scholarly Presentations	2
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	3
15.	Total Faculty Members Participating	8

Organizational Behavior Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	2
3.	Edited Scholarly Books	0
4.	Chapters in Books	9
5.	Critically Reviewed Publications	4
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	1
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	16
11.	Scholarly Presentations	23
12.	Editorships	7
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	14

Institute of Public Management

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	2
5.	Critically Reviewed Publications	15
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	19
11.	Scholarly Presentations	13
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	9
15.	Total Faculty Members Participating	11

MARRIOTT SCHOOL OF MANAGEMENT

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Accountancy & Information Systems		
Allen, Gove Nathaniel	MAC	Stocks, Kevin D.*
Anderson, Julie C.	MAC	
Andrews, Keith Eldon	MAC	
Andrus, Mark M.	MAC	
Anger, Tiffin E.	MAC	
Anjewierden, Marcus	MAC	
Asay, Dwayne Whittle	MAC	
Ayre, Michael Winston	MAC	
Banks, Christie J.	MAC	
Barnes, R.J.	MAC	
Barrus, Cheryl Anne	MAC	
Barrus, Randall K.	MAC	
Baughan, Jonathan O.	MAC	
Beardall, Mike J.	MAC	
Beeton, Russell P.	MAC	
Bement, Todd R.	MAC	
Bendixsen, Rebecca A.	MAC	
Benson, David V.	MAC	
Bethers, Mark Hansen	MAC	
Bishop, David Wayne	MAC	
Bitner, Kenneth M.	MAC	
Boden, James W.	MAC	
Boss, Scott R.	MAC	
Boyer, Michelle H.	MAC	
Brimley, Jonathan B.	MAC	
Broadbent, Sean R.	MAC	
Brotherson, Kevin C.	MAC	
Bryan, William H.	MAC	
Bulloch, Scott Russell	MAC	
Campbell, Jerel Van	MAC	
Carpenter, James M.	MAC	
Cather, Charles Edward	MAC	
Christensen, Reed B.	MAC	
Clawson, Stuart Arthur	MAC	
Clyde, Todd P.	MAC	
Cole, Douglas Matthew	MAC	
Conlin, Cindy	MAC	
Crook, Stephen Frederick	MAC	
Davenport, Kris El	MAC	
Davies, Jon S.	MAC	
Day, Martin A.	MAC	

* Kevin D. Stocks is the Associate Director of the School of Accountacy and Information Systems and Director of the MAC program. Many faculty members are also included in the educational progress of these MAC students.

MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Accountancy & Information Systems (cont'd)		
Dean, DeAnn M.	MAC	Stocks, Kevin D.*
Denning, Darren Lee	MAC	
Donahoo, Jennifer Nicole	MAC	
Driggs, Kevin Todd	MAC	
Duckworth, Brett L.	MAC	
Dunning, Thomas Mark	MAC	
Edman, Paul R.	MAC	
Ekins, Kami C.	MAC	
Ellsworth, James N.	MAC	
Escobar, Juan Emilio	MAC	
Evans, Aaron G.	MAC	
Everett, Jeremy A.	MAC	
Faulk, David E.	MAC	
Fjeldsted, Sara Bloyd	MAC	
Frey, Harold David	MAC	
Gao, Lei	MAC	
Goodson, Amy Beth	MAC	
Gunnerson, Bryant	MAC	
Hales, Robert Harold	MAC	
Hall, Andrew T.	MAC	
Hall, Danelle Ann	MAC	
Hancock, Douglas E.	MAC	
Harker, John Patrick	MAC	
Harrison, Mark J.	MAC	
Hatch, D. Greg	MAC	
Hatch, Ernest Bryan	MAC	
Henline, Lynn C.	MAC	
Hess, Lori Lynne	MAC	
Hiatt, Rachelle Randall	MAC	
Huffman, Joyette	MAC	
Humphreys, Gregory M.	MAC	
Hunter, Johnathan D.	MAC	
Huntley, Vance Kevin	MAC	
Jackson, Eric Brian	MAC	
Janda, Brian Glenn	MAC	
Jasperson, Jon	MAC	
Jensen, Joel C. Jr.	MAC	
Joerz, Paul Frederick	MAC	
Johnson, Benjamin Nels	MAC	
Johnson, Christopher S.	MAC	
Johnson, Eric Anton	MAC	

* Kevin D. Stocks is the Associate Director of the School of Accountacy and Information Systems and Director of the MAC program. Many faculty members are also included in the educational progress of these MAC students.

MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Accountancy & Information Systems (cont'd)		
Jorgensen, Steven C.	MAC	Stocks, Kevin D.*
Kong, Yang Hyun	MAC	
Larson, David P.	MAC	
Laurent, Nicolas Paul	MAC	
Leffel, Timothy Lee	MAC	
Lewis, Laura	MAC	
Li, Ying	MAC	
Little, Zachary Bruce	MAC	
Logan, Jeffrey John	MAC	
Manning, Tyson David	MAC	
Mead, Kenneth David	MAC	
Merrill, Joseph S.	MAC	
Merta, Michele	MAC	
Michelsen, Michael F.	MAC	
Monson, Tawnya Marie	MAC	
Moon, Gordon Lamont	MAC	
Mortensen, Lane G.	MAC	
Mullin, Andrea L.	MAC	
Nielsen, James A.	MAC	
Olivier, David P.	MAC	
Olsen, Michael E.	MAC	
Orr, Daniel A.	MAC	
Palmer, Scott R.	MAC	
Parker, Blaine Raymond	MAC	
Paulson, G. Mark	MAC	
Peacock, J. Brooks	MAC	
Petersen, Gary Alan	MAC	
Peterson, David Warren	MAC	
Preator, Shawn Michael	MAC	
Rahm, Alexander IV	MAC	
Rees, Richard Grant	MAC	
Rex, Alan D.	MAC	
Rosengren, Scott A.	MAC	
Rowe, Shane T.	MAC	
Rugg, Wynn Lynnette	MAC	
Shaw, Marlin Kent	MAC	
Sloan, Tena	MAC	
Smith, Brian A.	MAC	
Smith, Brian Jeffery	MAC	
Smith, Julie Barlow	MAC	
Smith, Michael Luther	MAC	

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MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Accountancy & Information Systems (cont'd)		
Snyder, Daniel S.	MAC	Stocks, Kevin D.*
Snyder, Matthew Don	MAC	
Solomon, Christopher A.	MAC	
Soukup, Eric C.	MAC	
Steele, Cory S.	MAC	
Stemmons, Jason E.	MAC	
Stotts, Kelly Lynn	MAC	
Stotts, Kenneth Lee	MAC	
Stratford, Rick L.	MAC	
Tenney, Jonathan	MAC	
Thompson, Charles M.	MAC	
Tueller, Mark Mumford	MAC	
Virgin, Layne T.	MAC	
Walker, Gary O.	MAC	
Walton, Kristen Peterson	MAC	
Webb, Brett R.	MAC	
Webb, Mark Andrew	MAC	
Werner, Mark Tapio	MAC	
West, David Dixon	MAC	
Wethington, Brent Jame	MAC	
White, Heidi J.	MAC	
Wilkerson, Jerod W.	MAC	
Wilkins, David Hugh	MAC	
Winkelman, Wendy S.	MAC	
Wong, Hon-Ming	MAC	
Wood, Mark	MAC	
Yancey, Dale Curtis	MAC	

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Institute of Public Management		
Ahyou, Nan Ellen		
Applegarth, Mark Alan	MPA	Wright, Dale N.**
Benavides, Abraham David	MPA	
Bishop, Mason	MPA	
Boyer, Brett Blaine	MPA	
Buchanan, James H.	MPA	
Cawley, Mike R.	MPA	
Cluff, Darren Jerry	MPA	
Cordner, Clark Robert	MPA	
Cottrell, Bradley Ray	MPA	

** N. Dale Wright is the Director of the Institute of Public Management and Director of the MPA program. Many faculty members are also included in the educational progress of these MPA students.

MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Institute of Public Management (cont'd)		
Culmone, Kenneth G.	MPA	Wright, Dale N.*
Davis, Richard L.	MPA	
Dodge, Marvin	MPA	
Duerden, Paul Earl	MPA	
Ernest, William Lewis	MPA	
Falk, Michelle L.	MPA	
Fehrmann, Elizabeth J.	MPA	
Fluekiger, Laine A.	MPA	
Fraser, Jay David	MPA	
Gomez, Medardo	MPA	
Gotberg, Mark David	MPA	
Guanuna, Elizabeth Lehenbauer	MPA	
Gustafson, Gary Dean	MPA	
Hafen, Frances Clark	MPA	
Jolley, Bradford A.	MPA	
Jones, Blake S.	MPA	
Kim, Hae Kyoung	MPA	
Knowlton, Benjamin J.	MPA	
Larsen, Bryce C.	MPA	
Leffler, Kurt Patrick	MPA	
Levar, DeeAnn	MPA	
Lingren, Elizabeth Ann	MPA	
Loper, Sharon L.	MPA	
Ly, Vinh Kien	MPA	
Lyon, Sally K.	MPA	
MacKay, Chris D.	MPA	
McMahon, James Hugh	MPA	
McMurtrey, Gene	MPA	
Mergler, Rod Knudson	MPA	
Mertz, Bradley Dennis	MPA	
Montgomery, Bryan H.	MPA	
Mortell, Stephanie G.	MPA	
Murray, Blaine S.	MPA	
Newman, Nancy Kirkham	MPA	
Nicholl, Jacquelyn	MPA	
Park, John W.	MPA	
Pate, Stephen Neal	MPA	
Peterson, Robert Dan	MPA	
Pruett, Tyler I.	MPA	
Puett, David Lee	MPA	
Quartey, Susan E.	MPA	
Read, Clair Jay	MPA	

* N. Dale Wright is the Director of the Institute of Public Management and Director of the MPA program. Many faculty members are also included in the educational progress of these MPA students.

MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Institute of Public Management (cont'd)		
Salazar, David Edwin	MPA	Wright, Dale N.*
Schuring, Daniel C.	MPA	
Sikahema, Kapiolani L.	MPA	
Skabardonis, Natalie M.	MPA	
Squire, David F.	MPA	
Taylor, Debra Ann	MPA	
Tuitupou, Carolyn	MPA	
Underwood, Darin Ray	MPA	
White, Burton Sargent	MPA	
Zobrist, Duane Herman	MPA	

* N. Dale Wright is the Director of the Institute of Public Management and Director of the MPA program. Many faculty members are also included in the educational progress of these MPA students.

M.B.A. Program		
Adams, Stephen Preston		
Alder, G. Stoney	MBA	McKinnon, Gary F.**
Allen, Douglas A.	MBA	
Anderson, James L.	MBA	
Arnett, Bryan Doyle	MBA	
Bagley, Matthew Guy	MBA	
Bahouth, Mark H.	MBA	
Bean, Robert B.	MBA	
Beecher, Hugh W.	MBA	
Blake, Gregory Douglas	MBA	
Brennan, Stewart A.	MBA	
Brodowski, Bryan Keith	MBA	
Butler, Christian W.	MBA	
Calvert, Christopher J.	MBA	
Chadwick, Clint Doyle	MBA	
Chow, Gary	MBA	
Christensen, Douglas E.	MBA	
Clegg, Benjamin	MBA	
Collings, Jeffrey H.	MBA	
Costa, Joaquin	MBA	
Cragun, Shane R.	MBA	
Cummings, Jay R.	MBA	
Cusick, Todd D.	MBA	
Dahneke, Marshall S.	MBA	
Dalebout, Shelley	MBA	
Dawson, Richard K.	MBA	
Donaldson, Matthew L.	MBA	

** Gary F. McKinnon is the Director of theMaster of Business Administration (MBA) Programs. Many faculty members are also included in the educational progress of these MBA students.

MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
M.B.A. Program (cont'd)		
Drollinger, James S.	MBA	McKinnon, Gary F.*
Eagar, Ronald Drew	MBA	
Eggett, Roger Kay	MBA	
Farrell, Timothy M.	MBA	
Fleming, Michael C.	MBA	
Franklin, Julie Lynn	MBA	
Fredericks, Frank	MBA	
Froelich, Kelly B.	MBA	
Gantner, Alfred	MBA	
Giuffra, Patricio Maur	MBA	
Gomez, Daniel	MBA	
Gomez, J. Clark	MBA	
Graham, James Arthur	MBA	
Green, Bradley H.	MBA	
Green, Todd W.	MBA	
Halversen, Mark	MBA	
Hansen, Bradley J.	MBA	
Hansen, Paul J.	MBA	
Harvey, Joel Michael	MBA	
Haslam, Gregory John	MBA	
Hayes, David Jonathan	MBA	
Herrick, Robert Keith	MBA	
Heyn, Robert Hernan	MBA	
Hill, Val D.	MBA	
House, Michael Dean	MBA	
Howard, Gregory E.	MBA	
Howe, Brent Wilde	MBA	
Hulet, Glade Lamar	MBA	
Hunter, Douglass Riches	MBA	
Jackson, Mark R.	MBA	
James, Jennifer	MBA	
Jarvis, William David	MBA	
Jense, Richard S.	MBA	
Jensen, Rick C.	MBA	
Johnson, Eric Robert	MBA	
Johnson, Frank E.	MBA	
Jue, Lorine L.	MBA	
Kapp, Tim J.	MBA	
Kim, Kyongsoo	MBA	
Klundt, Keith A.	MBA	
Lambert, Jon Robert	MBA	
Larsen, Gary Lynn	MBA	

* Gary F. McKinnon is the Director of theMaster of Business Administration (MBA) Programs. Many faculty members are also included in the educational progress of these MBA students.

MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
M.B.A. Program (cont'd)		
Larsen, Michael Craig	MBA	McKinnon, Gary F.*
Lavoie, Paul Thomas	MBA	
Lawrence, Steve	MBA	
Lee, David Hill	MBA	
Lee, Jared Carl	MBA	
Lesser, Steven John	MBA	
Li, Xiaoqing	MBA	
Libbey, Michael Eugene	MBA	
Lindsey, Joel Brad	MBA	
Locey, Beck	MBA	
Loosli, Joel S.	MBA	
Low, Fatt Chee	MBA	
Mahler, William W.	MBA	
Mariluch, Mark Joseph	MBA	
Martin, Derek Paul	MBA	
McKinnon, Mark K.	MBA	
Merrell, J. Christen	MBA	
Merrill, Christian T.	MBA	
Morra, Brian Alexis	MBA	
Mortensen, Mark A.	MBA	
Murdock, Bruce R.	MBA	
Neuenswander, David A.	MBA	
Nickel, Kirk James	MBA	
Olsen, Kurt S.	MBA	
Omer, Theodore Gordon	MBA	
Orr, James Michael	MBA	
Palmer, Dwaine K.	MBA	
Patterson, Kristina C.	MBA	
Peterson, Edward Chase	MBA	
Porter, Dale Alan	MBA	
Potz, Randall Joseph	MBA	
Prestwick, Allison	MBA	
Rapp, Todd Errol	MBA	
Redd, Brandt Christian	MBA	
Richards, Elizabeth	MBA	
Rollins, David Squire	MBA	
Sakkijha, Fadi Zuhair	MBA	
Sambongi, Ryo	MBA	
Santiago, Mark Warren	MBA	
Schone, Steven R.	MBA	
Shurpalekar, Sameer Shesh	MBA	
Sirrine, John Warren	MBA	

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MARRIOTT SCHOOL OF MANAGEMENT (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
M.B.A. Program (cont'd)		
Smith, Eric D.	MBA	McKinnon, Gary F.*
Smith, James Conrad	MBA	
Smyth, Stephen Ovid	MBA	
Steck, Randy J.	MBA	
Steele, Colin Vernon	MBA	
Studyvin, Roy Edward	MBA	
Subotky, Jason Scott	MBA	
Teichert, Russell W.	MBA	
Thomas, Eric David	MBA	
Vandecar, Darin D.	MBA	
Verhaaren, Jill	MBA	
Vorimo, Pasi Petteri	MBA	
Walker, Blake R.	MBA	
Wallin, Cynthia Joyce	MBA	
Wang, Miansheng	MBA	
Waters, Jyll M.	MBA	
Weser, Joerg	MBA	
Wilkins, Mark Paul	MBA	
Wilson, Jolayne	MBA	
Wingrove, Bruce Robert	MBA	
Wu, Su-Hwa Marina	MBA	
Yorgason, David R.	MBA	

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Organizational Behavior		
Brown, Gary Francis		
Gecowets, Kevin Dixon	MOB	Dyer, W. Gibb
Godoy, Carlos Augusto	MOB	Peterson, Brent D.
Harmon, Darrell	MOB	Woodworth, Warner P.
Janes, Tracy Lynn	MOB	Brady, F. Neil
Martins, Marcus Helvecio	MOB	Kirkham, Kate L.
McDevitt, Sean M.	MOB	Gregersen, Hal B.
Prasad, Beulah K.	MOB	Ritchie, J. Bonner
Richards, Denise	MOB	Stephan, Eric G.
Rogers, Serena	MOB	Kirkham, Kate L.
Staker, Neil D.	MOB	Cherrington, David J.
Stensrub, Nathan D.	MOB	Perry, Lee Tom
Williams, Ronald Cal	MOB	Dyer, W. Gibb

COLLEGE OF NURSING

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Scholarly Productivity Chart 128
Activity/Productivity Indexes Chart 128

Degrees Awarded 129

NURSING SUMMARY SECTION

List of Scholarly Works and Publications

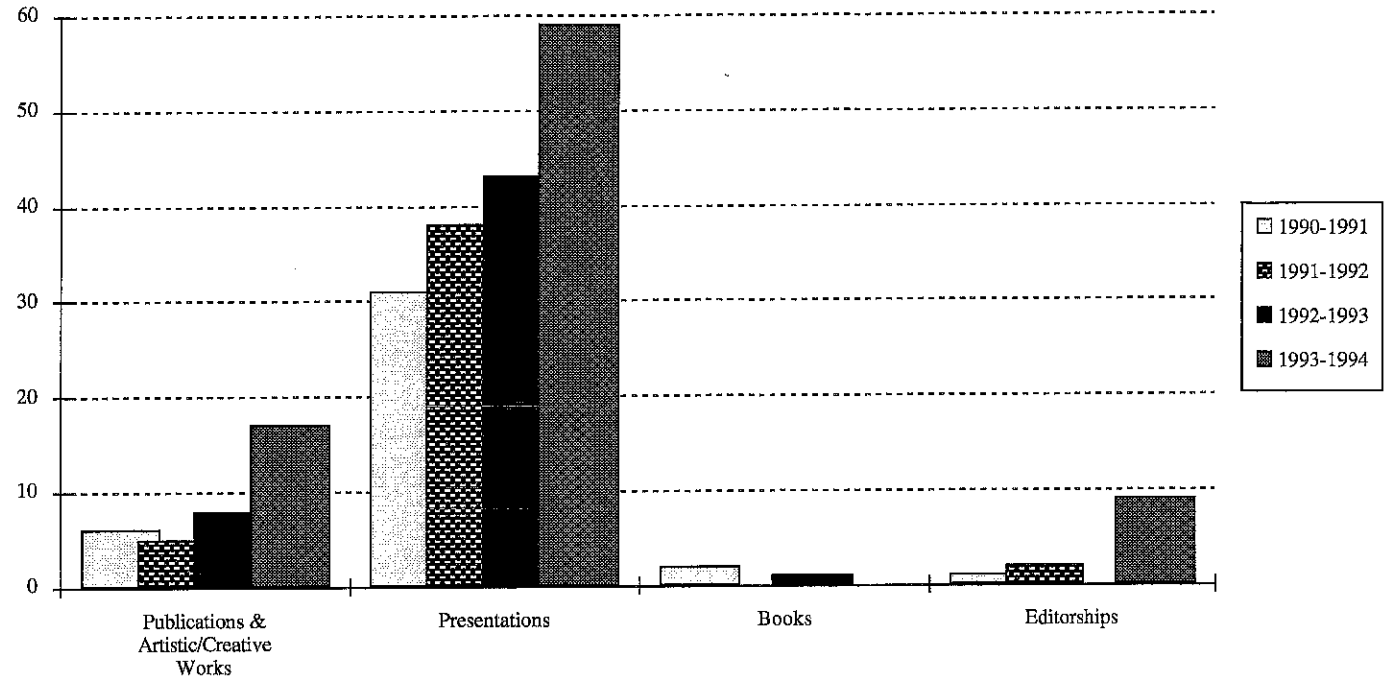
1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	3
5.	Critically Reviewed Publications	14 0
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	17
11.	Scholarly Presentations	59
12.	Editorships	9
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	11
15.	Total Faculty Members Participating	30

- **Nursing** Activity Index **0.37**

- **Nursing** Productivity Index **0.57**

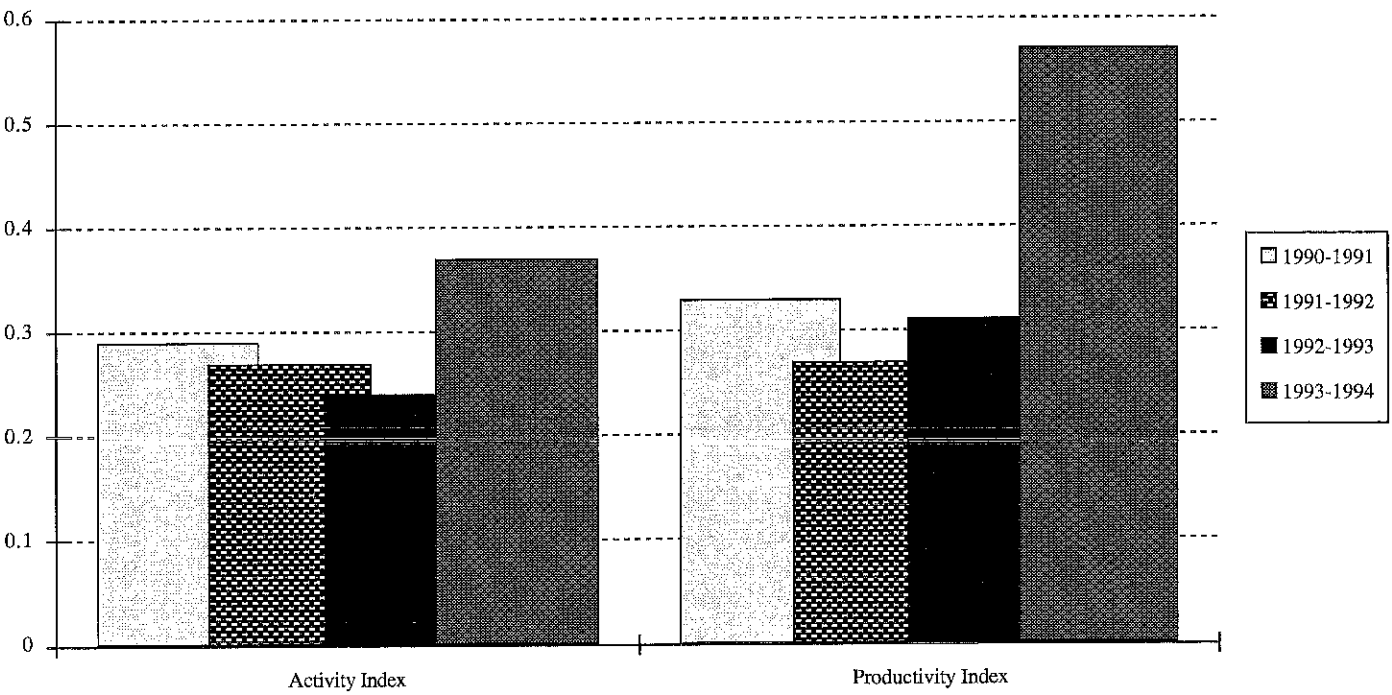
Nursing

Scholarly Productivity - Four Year Comparison



Nursing

Activity and Productivity Indexes - Four Year Comparison



COLLEGE OF NURSING

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Bentley, Joan	MS	Isaacs, Patricia C.
Call, Marilyn M.	MS	Isaacs, Patirica C.
Christensen, Sue Ann R.	MS	Isaacs, Patricia C.
Hooper, Ruth Beckstead	MS	Sorensen, Elaine S.
Jensen, Janice C.	MS	Isaacs, Patricia C.
Knowlton, Richard T.	MS	Sorensen, Elaine S.
Lassen, April Andrea	MS	Sorensen, Elaine S.
Lister, Donna	MS	Lyons, Marilyn
McEwan, Elizabeth Ann	MS	Lyons, Marilyn
Murphy, Madison Dee	MS	Murphy, Millene F.
Ravert, Patricia Kay	MS	Fosbinder, Donna
Rowell, Kathleen Hogan	MS	Sorensen, Elaine S.
Stokes, Karen Beck	MS	Madleco, Barbara
Wilson, Lorraine Lee	MS	Lyons, Marilyn

COLLEGE OF PHYSICAL & MATHEMATICAL SCIENCES

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Activity/Productivity Indexes Chart 134

Department Summaries
Chemistry 135
Computer Science 136
Geology 137
Mathematics 138
Physics 139
Statistics 140

Degrees Awarded 141

PHYSICAL & MATHEMATICAL SCIENCES SUMMARY SECTION

List of Scholarly Works and Publications

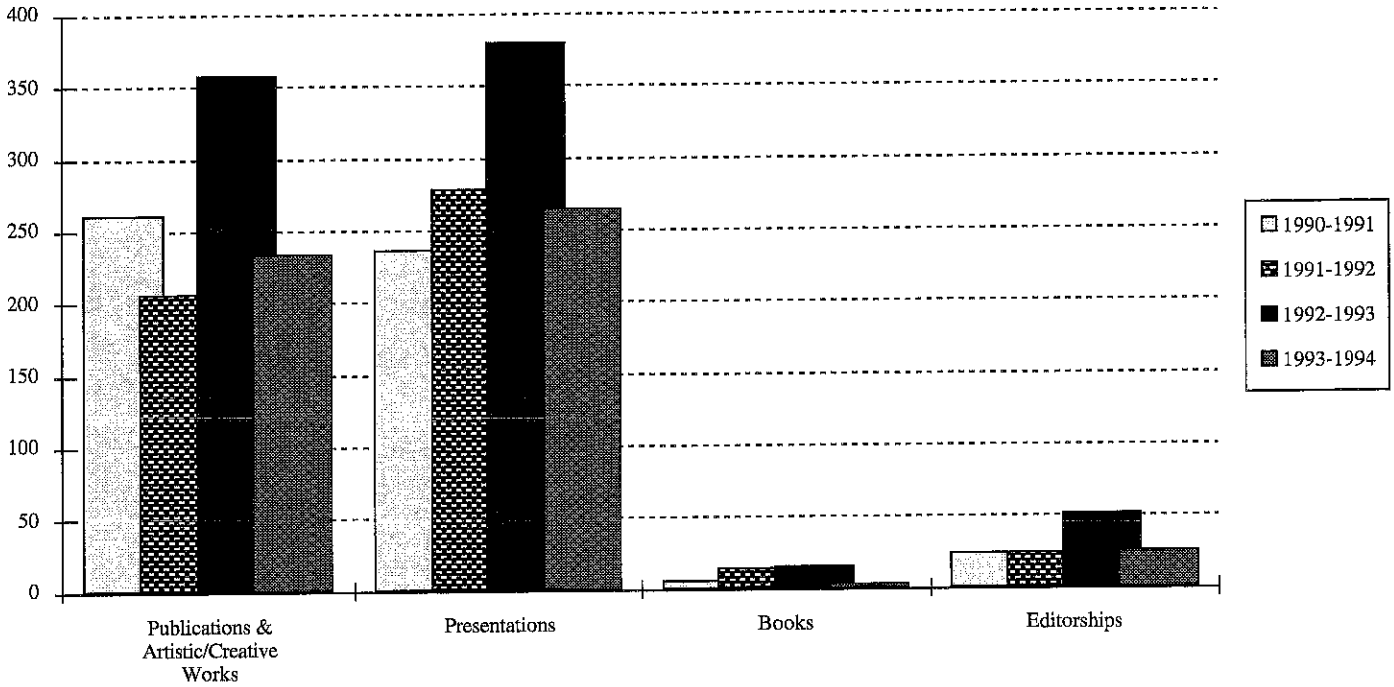
1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	2
3.	Edited Scholarly Books	1
4.	Chapters in Books	9
5.	Critically Reviewed Publications	213
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	6
8.	Juried, Invited, or Commissioned Works	2
9.	Published Creative Works	4
10.	Performances and Productions	0
	Total (1-10)	237
11.	Scholarly Presentations	265
12.	Editorships	25
13.	Intellectual Properties	5
14.	Number of Faculty with At Least One Work in 1-10	81
15.	Total Faculty Members Participating	149

- **Physical & Mathematical Sciences** Activity Index **0.54**

- **Physical & Mathematical Sciences** Productivity Index **1.59**

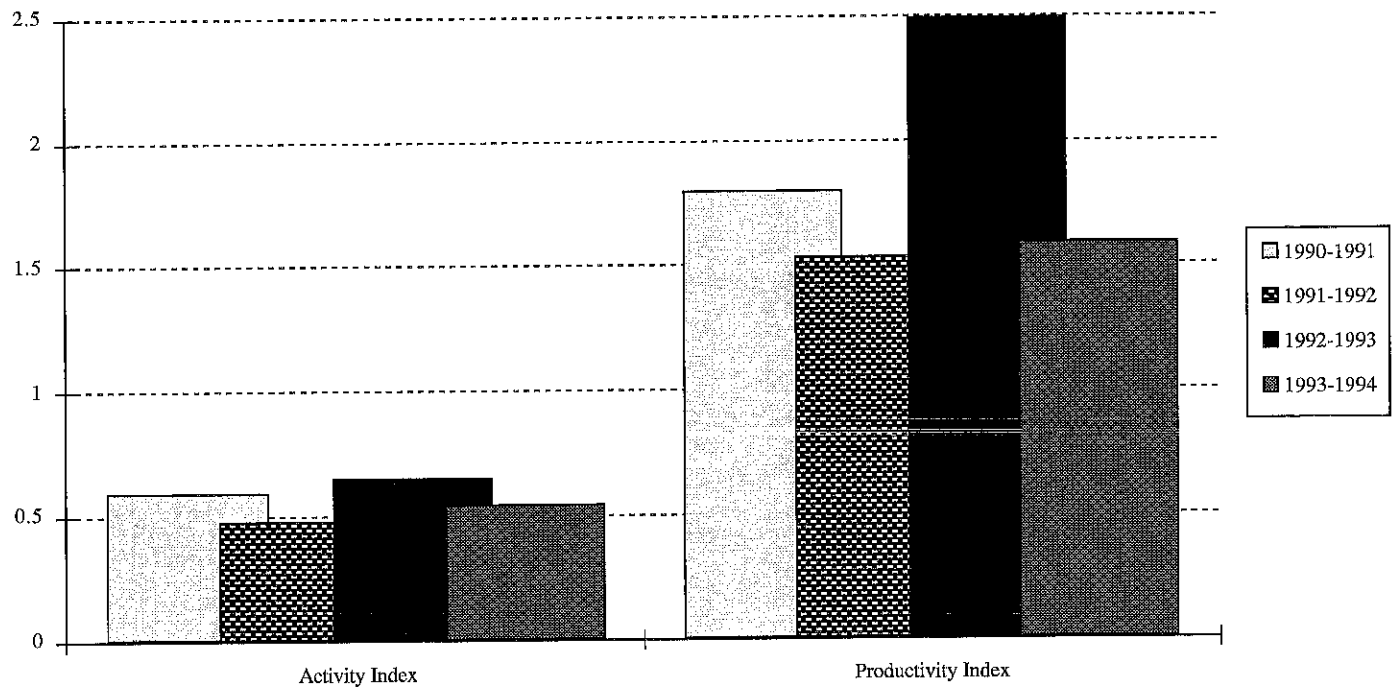
Physical & Mathematical Sciences

Scholarly Productivity - Four Year Comparison



Physical & Mathematical Sciences

Activity and Productivity Indexes - Four Year Comparison



Chemistry Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	5
5.	Critically Reviewed Publications	80
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	88
11.	Scholarly Presentations	103
12.	Editorships	10
13.	Intellectual Properties	4
14.	Number of Faculty with At Least One Work in 1-10	18
15.	Total Faculty Members Participating	33

Computer Science Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	38
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	2
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	40
11.	Scholarly Presentations	28
12.	Editorships	6
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	11
15.	Total Faculty Members Participating	20

Geology Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	1
3.	Edited Scholarly Books	0
4.	Chapters in Books	3
5.	Critically Reviewed Publications	28
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	4
10.	Performances and Productions	0
	Total (1-10)	38
11.	Scholarly Presentations	17
12.	Editorships	1
13.	Intellectual Properties	1
14.	Number of Faculty with At Least One Work in 1-10	10
15.	Total Faculty Members Participating	12

Mathematics Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	1
5.	Critically Reviewed Publications	24
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	25
11.	Scholarly Presentations	47
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	17
15.	Total Faculty Members Participating	40

Physics & Astronomy Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	25
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	25
11.	Scholarly Presentations	50
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	15
15.	Total Faculty Members Participating	30

Statistics Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	0
5.	Critically Reviewed Publications	18
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	21
11.	Scholarly Presentations	20
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	10
15.	Total Faculty Members Participating	14

COLLEGE OF PHYSICAL & MATHEMATICAL SCIENCES

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Chemistry		
Bai, Shi	PhD	Pugmire, Ronald J.
Francis, Eric S.	PhD	Lee, Milton L.
Hathaway, Jon Kent	MS	Lamb, John D.
Russell, Donald James	MS	Hansen, Lee Duane
Shurtleff, James Kevin	PhD	Thorne, James M.
Suggs, Jennifer	MS	Castle, Raymond N.
Trumble, Garrett E.	PhD	Smith, Marvin A.
Wang, Chuan	PhD	Lamb, John D.
Computer Science		
Barker, Joseph Cory	PhD	Martinez, Tony R.
Bertelsen, Richard J.	MS	Martinez, Tony R.
Chang, Qing	MS	Ng, Dennis K.
Compton, Jay William	MS	Woodfield, Scott N.
Gardner, Mark Kindred	MS	Cornell, Aurel D.
Giraud-Carrier, Chris	PhD	Martinez, Tony R.
Hilton, Travis Logan	MS	Egbert, Parris K.
Jackson, Robert B.	PhD	Embley, David W.
Kap, Brian M.	MS	Olsen, Dan Reed, Jr.
Knutson, Charles Douglas	MS	Woodfield, Scott N.
Liu, De	MS	Cornell, Aurel D.
Reed, Larry Brent	MS	Woodfield, Scott N.
Schuld, Rodger Glenn	MS	Christensen, Larry C.
Stringham, Russell R.	MS	Barrett, William A.
Unzaga, Marcela C.	MS	Stokes, Gordon E.
Vanhorn, Kevin	PhD	Barrett, William A.
Wilson, David Randall	MS	Martinez, Tony R.
Winkler, Scott H.	MS	Christiansen, Larry
Xie, Ning	MS	Burton, Robert P.
Geology		
Hebertson, Gregory F.	MS	Morris, Thomas H.
Holdaway, Brad K.	MS	Mayo, Alan L.
Jacobson, Cecil B.	MS	Griffen, Dana T.
Kass, M.	MS	Miller, Wade E.
Mustoe, Nathan B.	MS	Benson, Alvin K.
Richmond, Dean Robert	MS	Morris, Thomas H.
Stubben, Melissa A.	MS	Benson, Alvin K.
Wu, Jie	MS	Benson, Alvin K.
Mathematics		
Beckstrand, Tana Jo	MA	Peterson, John Milo
Byers, Reynold Elias	MS	Moore, Hal G.
Decker, Ross Charles	MA	Peterson, John Milo
Deng, Xinyu	MS	Bates, Peter W.

COLLEGE OF PHYSICAL & MATHEMATICAL SCIENCES

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Mathematics		
Freden, Eric M.	PhD	Cannon, James W.
Gribovszki, Thomas	MS	Bates, Peter W.
Halverson, Denise M.	MS	Forcade, Rodney W.
Huff, David James	MS	Barrett, Wayne W.
Hyatt William Joseph	MS	Barrett, Wayne W.
Johnson, Darrell Gordon	MS	Barrett, Wayne W.
Lowry, Rodvern T. L.	MA	Garbe, Douglas G.
Mills, Paul Beaubeaux	MA	Peterson, John Milo
Morrow, Brian D.	MA	Peterson, John Milo
Pitts, Jan Lyn Humphreys	MS	Wright, David G.
Shawcroft, Paul H.	PhD	Cannon, James W.
Shull, Andrew Perry	MS	Lawlor, Gary Reid
Waite, Neil Anthony	MS	Robinson, Donald W.
Wilson, Frank C.	MS	Barrett, Wayne W.
Physics & Astronomy		
Hu, Ping	PhD	Hatch, Dorian M.
Pew, Hans Konrad	PhD	Knight, Larry V.
Stark, Thomas Troy	MS	Knight, Larry V.
Taylor, Stuart Fisher	PhD	Jones, Steven E.
Liu, Jun	PhD	Knight, Larry V.
Guan, Hui	PhD	Evanson, William
Sullivan, Steven Kurt	MS	Van Huele, Jean-Francois
Statistics		
Blake, Jonathan Everet	MS	Collings, Bruce J.
Cromar, Ryan Douglas	MS	Christensen, Howard B.
Dai, Yong	MS	Rencher, Alvin B.
Frost, Todd S.	MS	Rencher, Alvin B.
Grant, Joseph Spencer	MS	Carter, Melvin W.
Hilton, John S.	MS	Tolley, H. Dennis
Jensen, Karl Lee	MS	Tolley, H. Dennis
Lambert, Daryl Ballif	MS	Carter, Melvin W.
Lee, Konchol	MS	Tolley, H. Dennis
Liechty, John Calder	MS	Tolley, H. Dennis
MacLachlan, Caroline	MS	Fellingham, Gilbert W.
Meade, David	MS	Bryce, G. Rex
Meadows, Richard Shawn	MS	Lawson, John S.
Moore, James William	MS	Madrigal, Jose L.
Pankratz, Vernon Shane	MS	Collings, Bruce J.
Siler, Stephen	MS	Madrigal, Jose L.
Snow, Gregory Laird	MS	Tolley, H. Dennis

COLLEGE OF PHYSICAL EDUCATION

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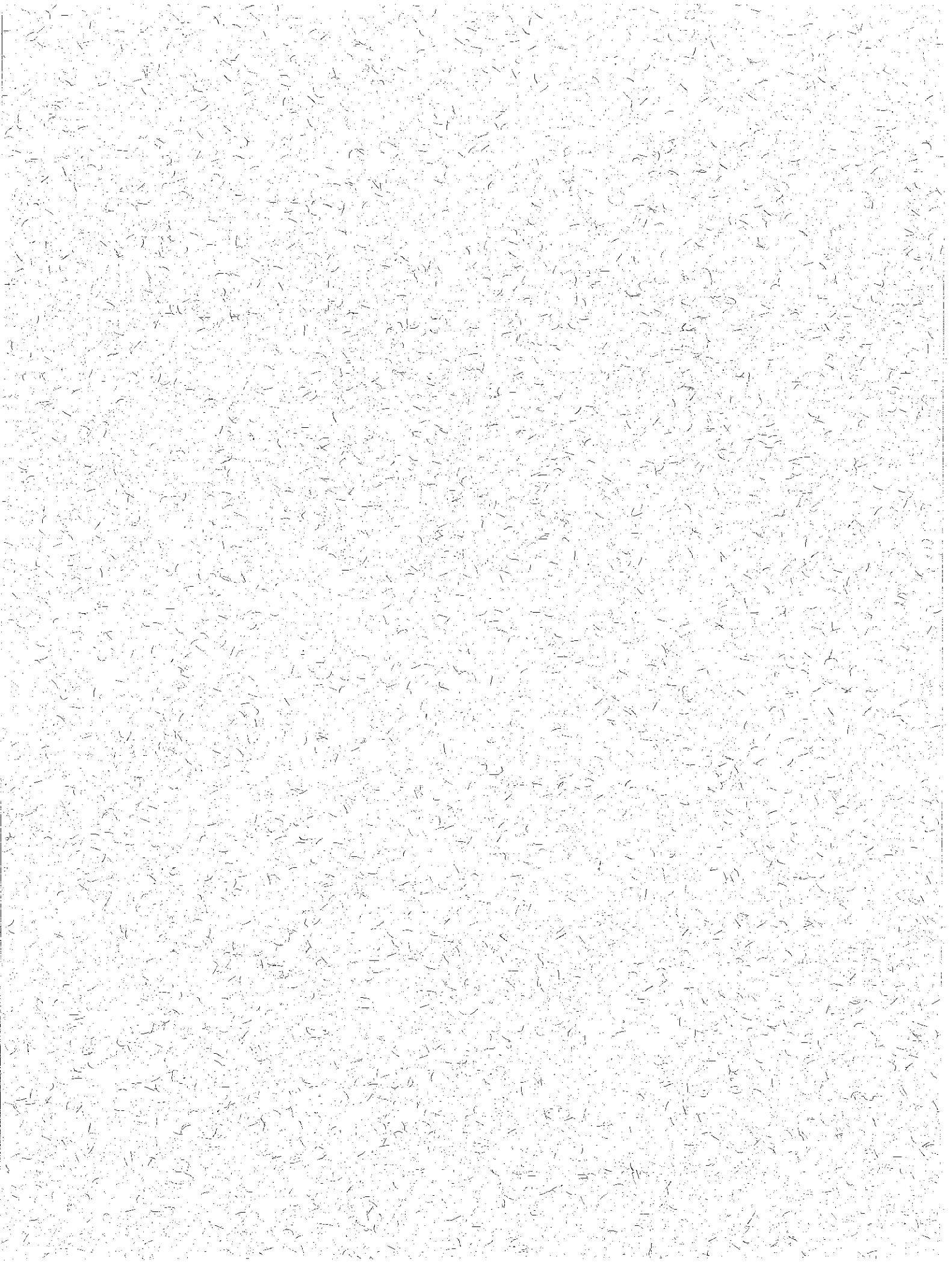


PHYSICAL EDUCATION
SUMMARY SECTION

List of Scholarly Works and Publications

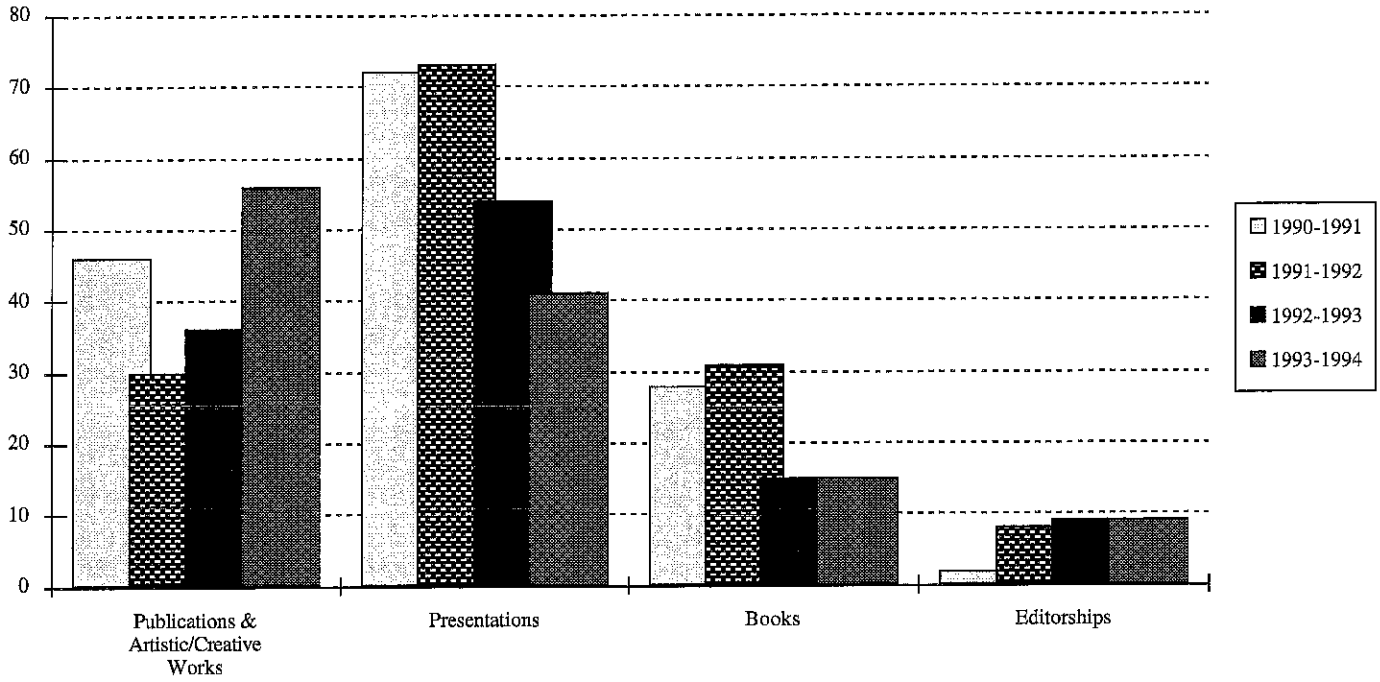
1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	12
3.	Edited Scholarly Books	1
4.	Chapters in Books	3
5.	Critically Reviewed Publications	28
6.	Scholarly Encyclopedia Contributions	1
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	16
9.	Published Creative Works	1
10.	Performances and Productions	5
	Total (1-10)	71
11.	Scholarly Presentations	41
12.	Editorships	9
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	30
15.	Total Faculty Members Participating	56

- **Physical Education** Activity Index **0.54**

- **Physical Education** Productivity Index **1.27**

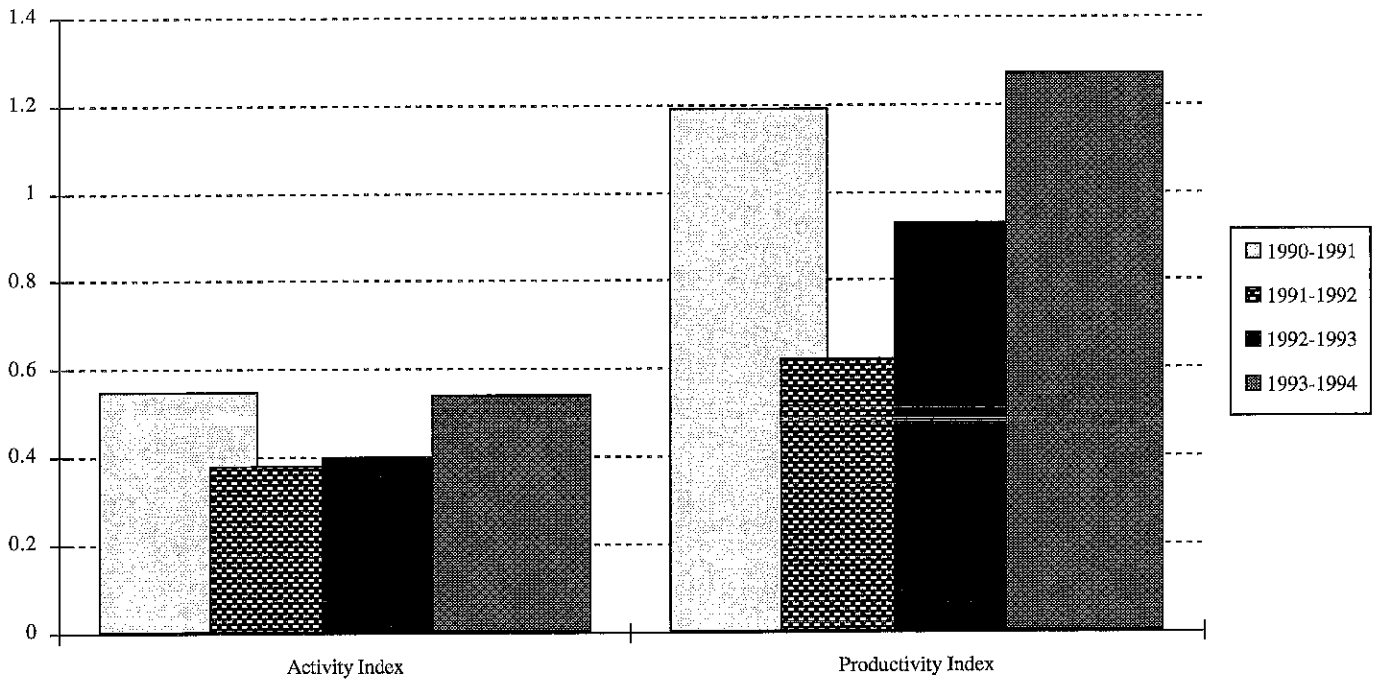
Physical Education

Scholarly Productivity - Four Year Comparison



Physical Education

Activity and Productivity Indexes - Four Year Comparison



Dance Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	1
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	16
9.	Published Creative Works	0
10.	Performances and Productions	5
	Total (1-10)	22
11.	Scholarly Presentations	2
12.	Editorships	1
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	6
15.	Total Faculty Members Participating	10

Health Sciences Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	9
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	2
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	1
10.	Performances and Productions	0
	Total (1-10)	13
11.	Scholarly Presentations	8
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	5
15.	Total Faculty Members Participating	11

Physical Education Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	3
3.	Edited Scholarly Books	1
4.	Chapters in Books	3
5.	Critically Reviewed Publications	21
6.	Scholarly Encyclopedia Contributions	1
7.	Book Reviews	2
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	31
11.	Scholarly Presentations	23
12.	Editorships	2
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	15
15.	Total Faculty Members Participating	24

Recreation Management & Youth Leadership Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	1
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	0
4.	Chapters in Books	0
5.	Critically Reviewed Publications	4
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	5
11.	Scholarly Presentations	8
12.	Editorships	6
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	4
15.	Total Faculty Members Participating	11

COLLEGE OF PHYSICAL EDUCATION

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Dance		
Delynne, Papenfuss	MA	Jacobson, Phyllis C.
Goodwin, Nolan Wayne	MA	Debenham, Patrick
Holman, Sharon S.	MA	Gibb, Sara Lee
Lei, Li	MA	Ditson, Les
Health Sciences		
Biberston, Dana	MS	Heiner, Steven W.
Criman, Paula L.	MS	Salazar, Richard D.
Davies, Courtney Carr	MS	Hafen, Brent Q.
Larsen, Michelle H.	MS	Hurley, D. Richard
Rowan, Lynley	MS	Hafen, Brent Q.
Physical Education		
Bachler, Levi R.	MS	Durrant, Earlene
Brannan, Tori Lynn	MS	Schulthies, Shane
Gene, Lizhong	MS	Lockhart, Barbara
Hager, Ronald Lee	MS	Tucker, Larry
Han, Dong Ho	PhD	Conlee, Robert K.
Harris, Kinna Bixler	MS	Tucker, Larry
Harris, Shane Thomas	MS	Durrant, Earlene
Hendrickson, William R.	MS	Silvester, L. Jay
Jorgensen, Arlo G.	MS	Fisher, Garth
Lucas, Jason C.	MS	Allsen, Philip E.
Martin, James Robert	MS	Tucker, Larry
Nelson, Lisa Hibbert	MS	Tucker, Larry
Ojuka, Edward	PhD	Conlee, Robert K.
Seljaas, Gary Todd	MS	Tucker, Larry
Smith, Kevin L.	MS	Durrant, Earlene
Smithee, Larry Lee	MS	Hall, Larry
Smolianov, Peter Vladimir	MS	Lockhart, Barbara
Wilcox, Kimberly L.	MS	Fisher, Garth
Recreational Management & Youth Leadership		
Anderson, Amy Lisa	MA	Smith, S. Harold
Brewster, Joel Robin	MA	DeHoyos, Benjamin F.
Brown, Lowell Courtney	MA	Catherall, Thomas S.
Evans, John Rhett	MA	Naylor, Jay H.
Ewell, Perry C.	MA	Olson, Burton K.
Gardner, Dan Jacob	MA	Smith, S. Harold
Jackson, Andrew	MA	Naylor, Jay H.
Johns, Allen Lee	MA	Olson, Burton K.
Littlefield, Anita	MA	Olson, Burton K.
Neal, Larry Frank	MA	DeHoyos, Benjamin F.
Nye, Cheri Whitesides	MA	Catherall, Thomas S.
Parker, Beverly W.	MA	Catherall, Thomas S.

COLLEGE OF PHYSICAL EDUCATION (cont'd)

GRADUATE DEGREES GRANTED BY DEPARTMENT AND FACULTY ADVISOR

1993-1994

Graduate Student	Degree	Faculty Advisor
Recreational Management & Youth Leadership (cont'd)		
Pels, Kaatje M.	MA	Catherall, Thomas S.
Rose, Teresa	MA	Gray, Howard R.
Sverrisdottir, Greta	MA	Thorstenson, Clark T.
Tolley, Ann H.	MA	Smith, S. Harold
Weight, Brita Nanette	MA	Smith, S. Harold
Whiting, Edward Gibbs	MA	Catherall, Thomas S.
Wilson, Jess W.	MA	Gray, Howard R.
Wilson, Kathleen A.	MA	Gray, Howard R.
Yang, Chiu-Hsia	MA	DeHoyos, Benjamin F.

COLLEGE OF RELIGIOUS EDUCATION

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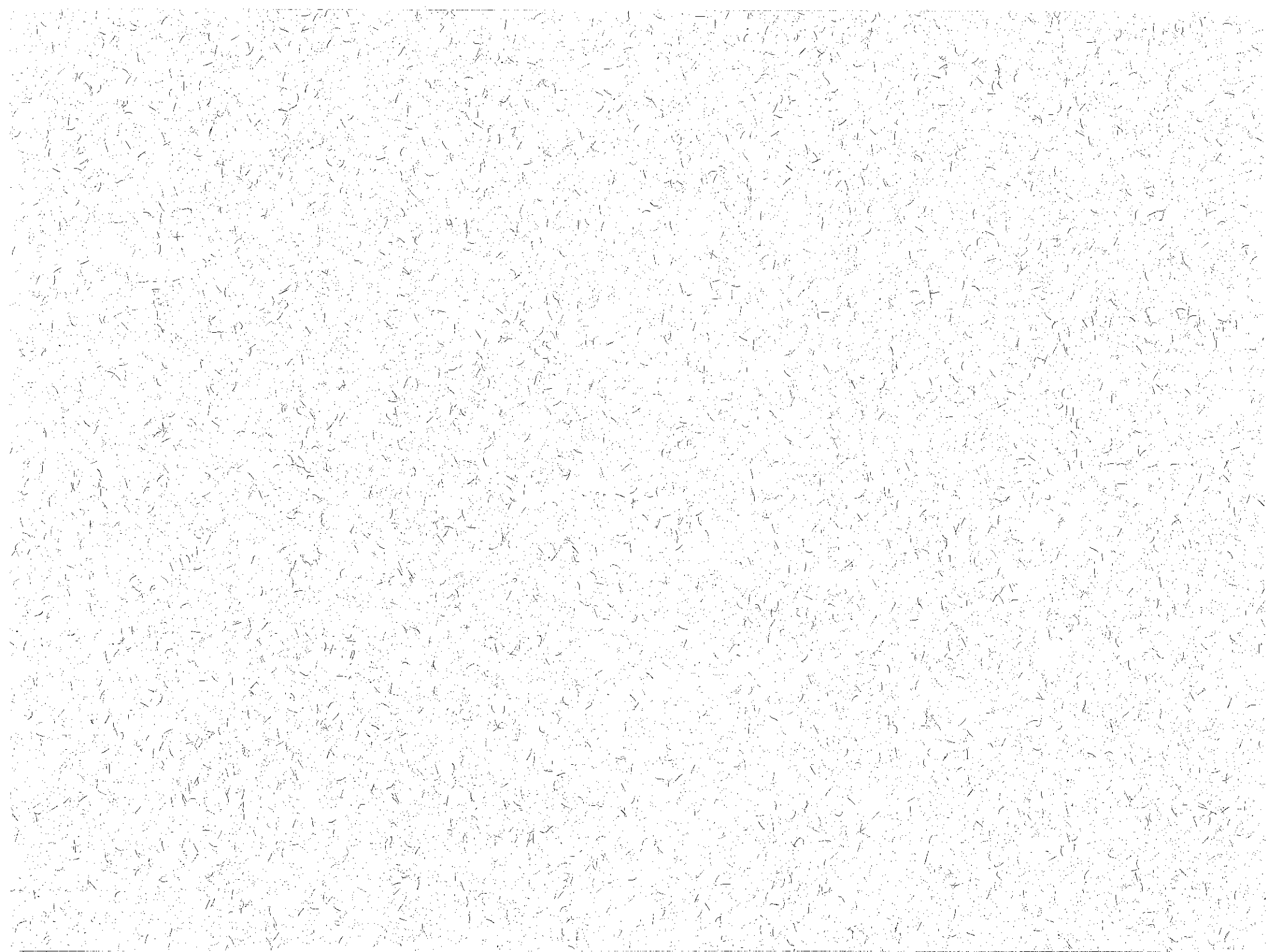


RELIGIOUS EDUCATION
SUMMARY SECTION

List of Scholarly Works and Publications

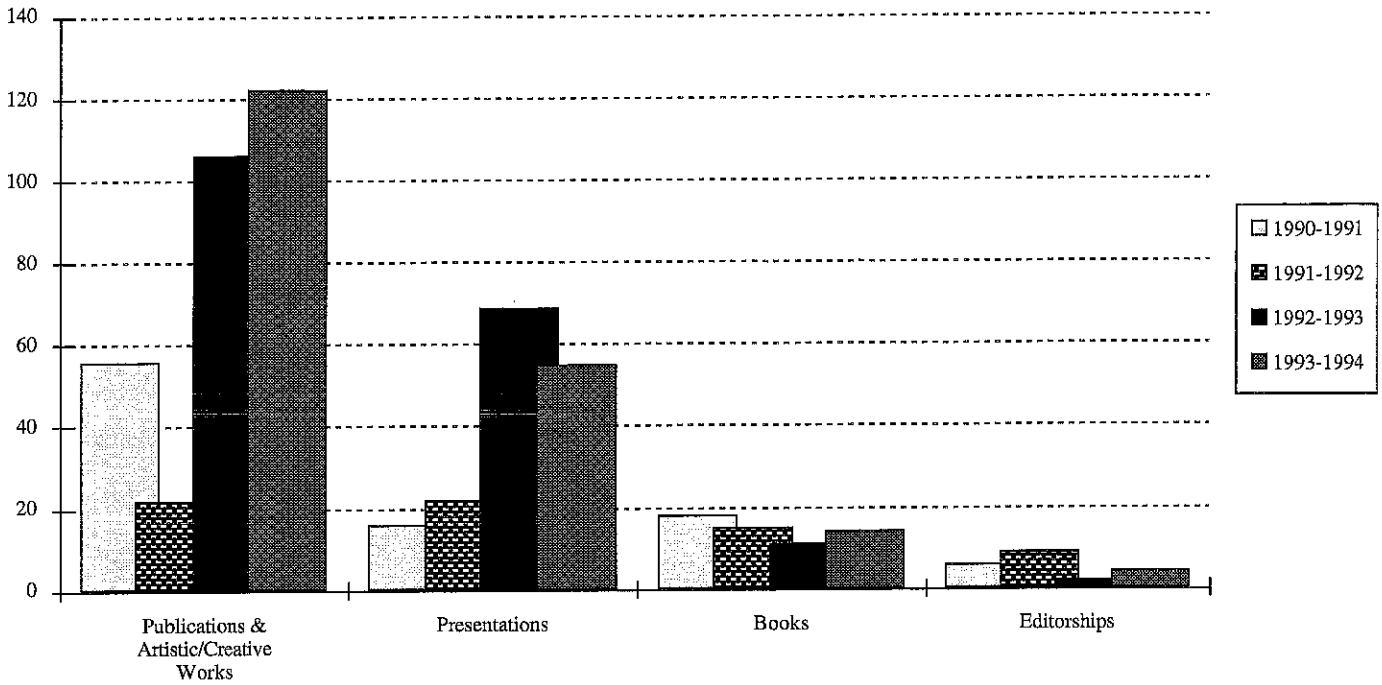
1.	Reference and/or Creative Books	7
2.	Instructional Textbooks	2
3.	Edited Scholarly Books	4
4.	Chapters in Books	36
5.	Critically Reviewed Publications	40
6.	Scholarly Encyclopedia Contributions	35
7.	Book Reviews	10
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	1
10.	Performances and Productions	1
	Total (1-10)	136
11.	Scholarly Presentations	55
12.	Editorships	4
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	36
15.	Total Faculty Members Participating	54

- **Religious Education** Activity Index **0.67**

- **Religious Education** Productivity Index **2.52**

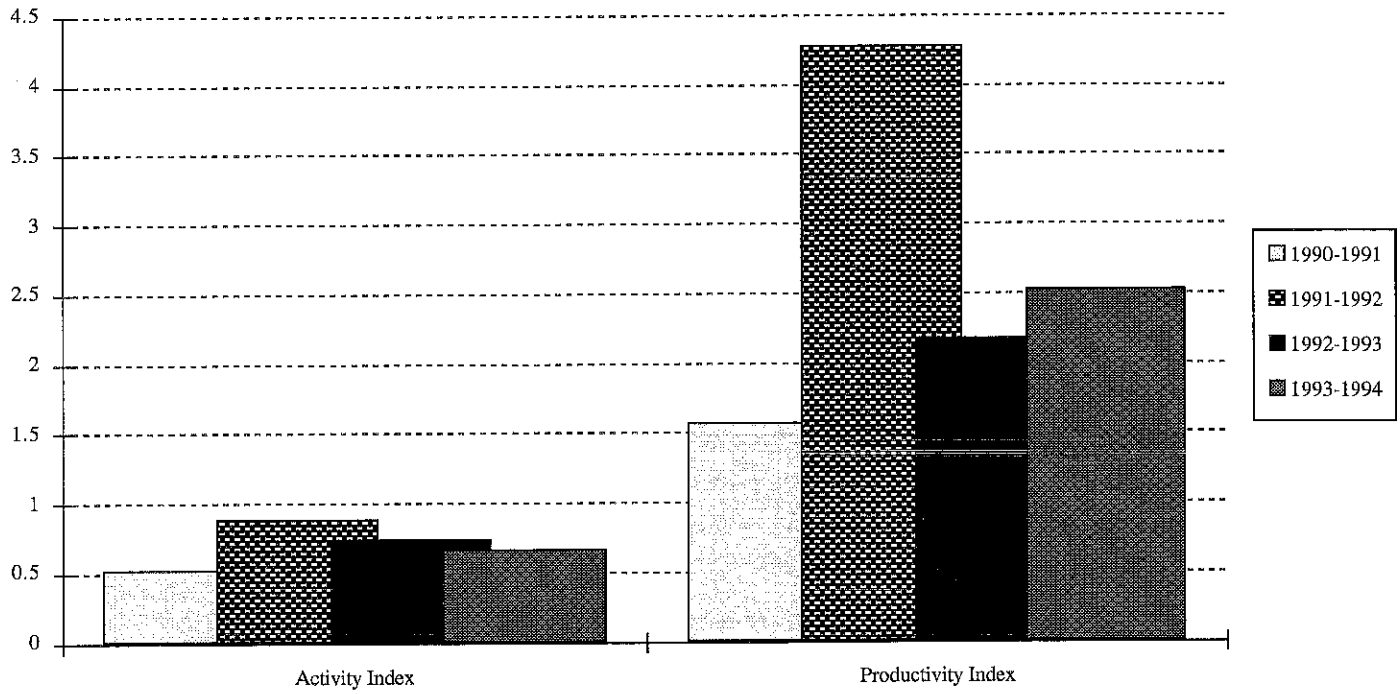
Religious Education

Scholarly Productivity - Four Year Comparison



Religious Education

Activity and Productivity Indexes - Four Year Comparison



Ancient Scripture Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	5
2.	Instructional Textbooks	2
3.	Edited Scholarly Books	3
4.	Chapters in Books	21
5.	Critically Reviewed Publications	23
6.	Scholarly Encyclopedia Contributions	9
7.	Book Reviews	4
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	1
10.	Performances and Productions	1
	Total (1-10)	69
11.	Scholarly Presentations	18
12.	Editorships	1
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	20
15.	Total Faculty Members Participating	26

Church History & Doctrine Department

List of Scholarly Works and Publications

1.	Reference and/or Creative Books	2
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	15
5.	Critically Reviewed Publications	17
6.	Scholarly Encyclopedia Contributions	26
7.	Book Reviews	6
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	67
11.	Scholarly Presentations	37
12.	Editorships	3
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	16
15.	Total Faculty Members Participating	28

NON-COLLEGE UNITS

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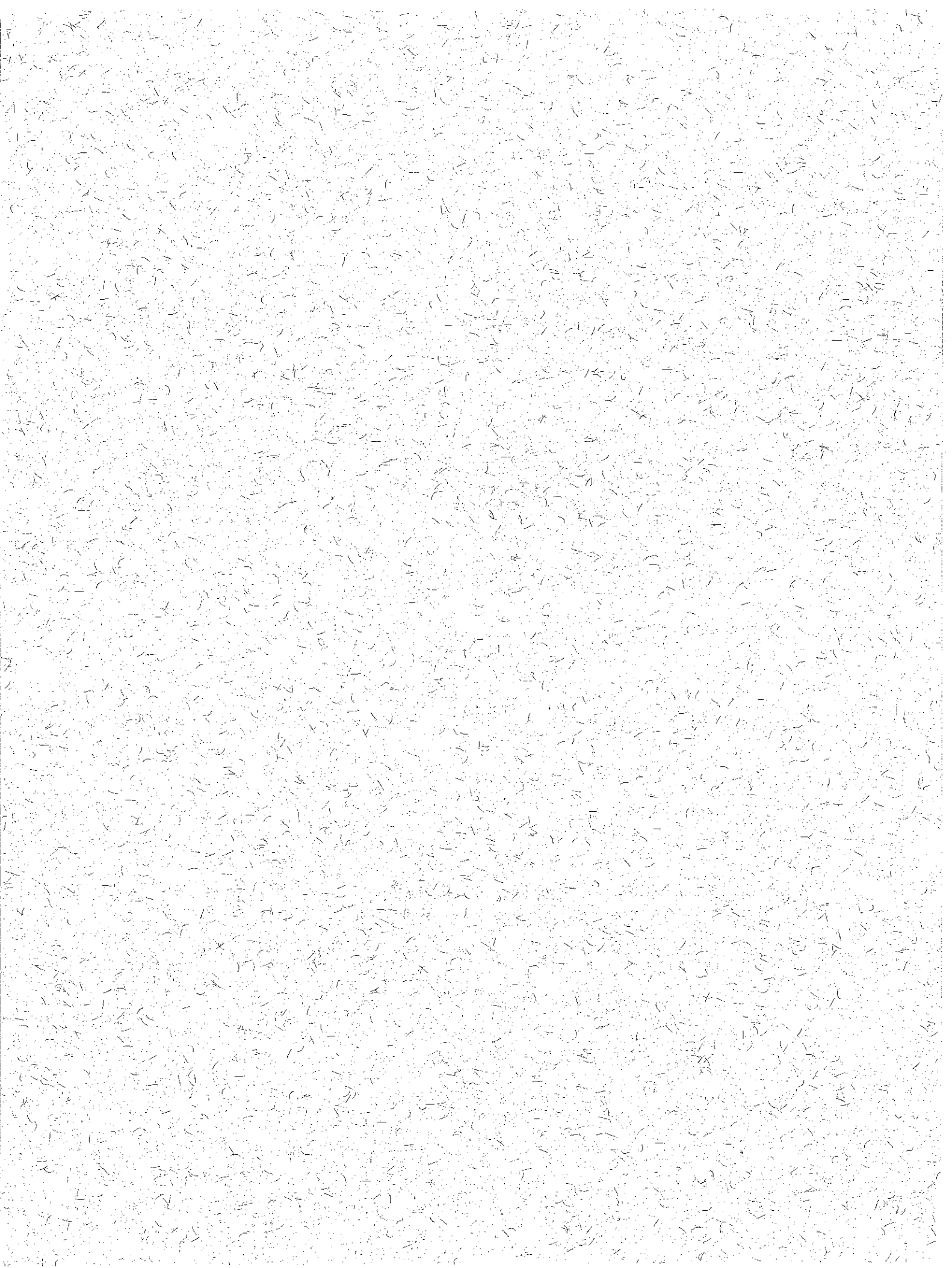
Scholarly Productivity Chart 162
Activity/Productivity Indexes Chart 162

Student Life Summary 163



LIBRARY SUMMARY SECTION

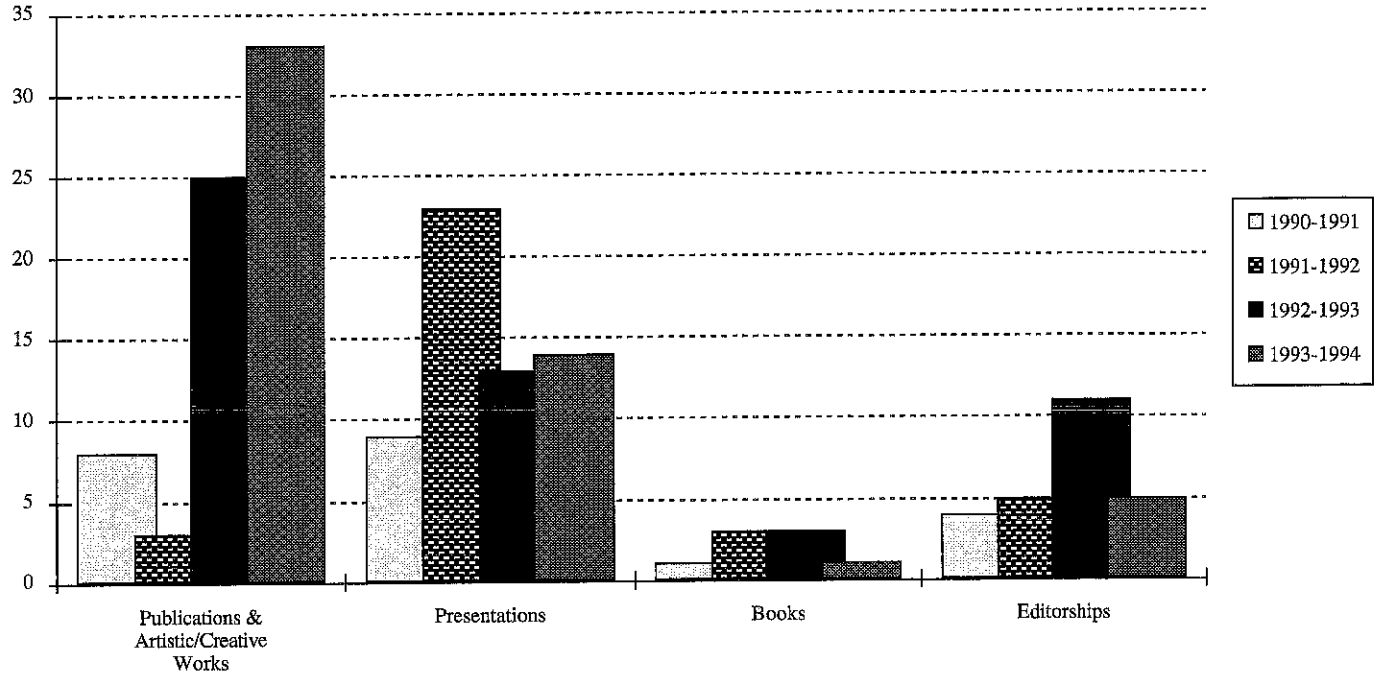
List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	1
5.	Critically Reviewed Publications	6
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	26
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	34
11.	Scholarly Presentations	14
12.	Editorships	5
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	7
15.	*Total Faculty Members Participating	80

* The faculty listed are "Professional Faculty" with particular responsibilities to the library. Their advancement criteria are likewise somewhat different than those of the Professorial Faculty.

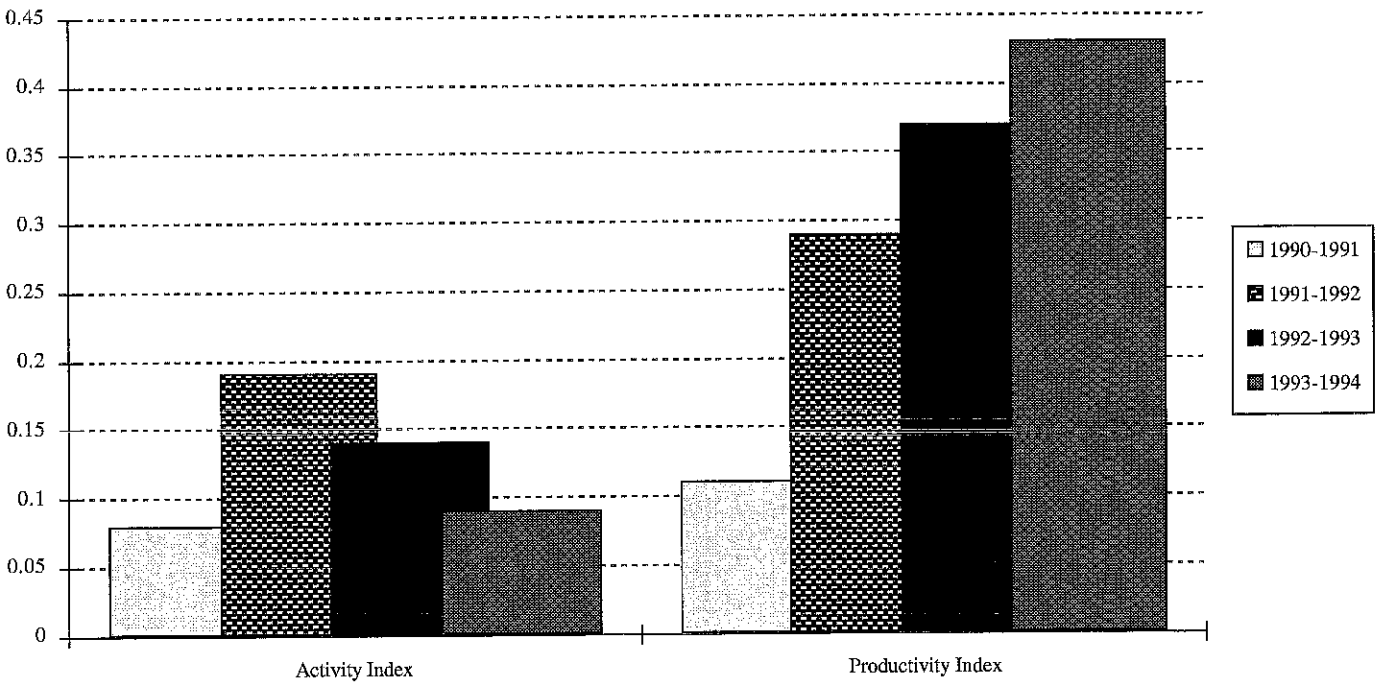
Library

Scholarly Productivity - Four Year Comparison



Library

Activity and Productivity Indexes - Four Year Comparison



STUDENT LIFE SUMMARY SECTION

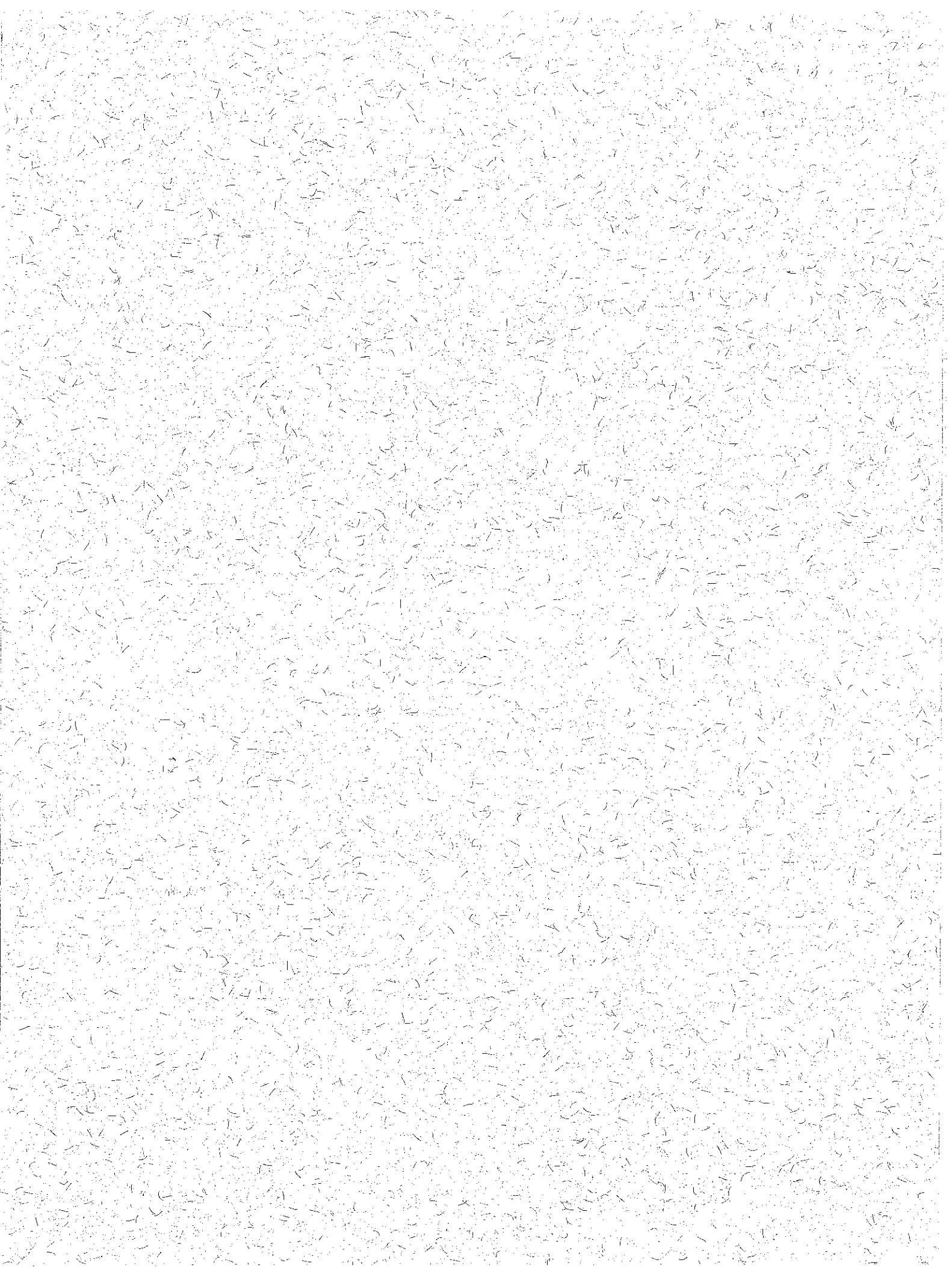
List of Scholarly Works and Publications

1.	Reference and/or Creative Books	0
2.	Instructional Textbooks	0
3.	Edited Scholarly Books	1
4.	Chapters in Books	0
5.	Critically Reviewed Publications	9
6.	Scholarly Encyclopedia Contributions	0
7.	Book Reviews	0
8.	Juried, Invited, or Commissioned Works	0
9.	Published Creative Works	0
10.	Performances and Productions	0
	Total (1-10)	10
11.	Scholarly Presentations	0
12.	Editorships	0
13.	Intellectual Properties	0
14.	Number of Faculty with At Least One Work in 1-10	8
15.	Total Faculty Members Participating	30

APPENDIX 1
DEFINITIONS AND EXPLANATIONS

The following pages contain the instructions and explanations sent to each academic unit as we gathered information for this report. The tables and graphics presented in earlier pages were derived from the responses to this set of instructions. If, for example, you wish to understand the opening University Summary List of Scholarly Works and Publications, you may find detailed definitions of each category here.

We plan to use the same instructions and definitions in the next information reporting cycle.



1994 Definitions & Explanations

COLLEGE REPORT FORMAT
FOR THE ANNUAL REPORT OF SCHOLARLY PRODUCTIVITY

Guidelines for Submission: Revised 1993 Annual Report

THE REPORT: Guidelines/Philosophy

The Annual Report is the only unified listing of Scholarly accomplishments for the university. As an indicator of scholarship at BYU, the report is intended to be used by departments and colleges as one measure of academic progress. In order to have meaning as a reliable report, it is essential that all data be as complete and as accurate as possible. It is the responsibility of the Department, College and School administrators to make initial and critical judgements as to the appropriate reporting of academic performance indicators. The Office of Research and Creative Work is then responsible to review the material and resolve any problems with the submissions. The following guidelines have been formatted and discussed by the Office of Research and Creative Work and the College/School Coordinators of Research and Creative Work.

For 1993 we have attempted to simplify and clarify the several categories of academic performance and to establish the underlying principle for the guidelines. A primary presumption is that the submitted performance markers represent the expectations of scholarship of the departments and disciplines involved. The same standard of quality used in considering faculty for continuous status and salary adjustments is expected in the reporting process for the Annual Report. Those accomplishments that lead to enhanced reputation and recognition amongst academic peers are those to be included in the Report.

There are two main categories of performance indicators: a primary group which can be quantified and used in calculations such as departmental productivity and activity indices and a second category of significant indicators which are less easily quantified but are important academic accomplishments.

THE REPORT: What is included?

Time Frame

All submitted titles must be within the calendar year 1993 (January 1-December 31). Only finished work is to be submitted. Work in progress, in press, substantially completed etc. *cannot* be listed.

REPORTING CATEGORIES

1. List of Faculty

All professional faculty in budgeted positions should be listed by name and rank. Instructors, adjunct faculty, visiting faculty, part-time faculty, and those with stipulated positions should not be included. In special cases, instructors with significant assignments in research and creative work may be identified and listed. Faculty on leave may be so identified but will be included in the total number of faculty since their report will reflect past years' efforts. The number of faculty listed will be used in determining the Activity and Productivity Indices.

2. Scholarly Writing

Scholarly writing is defined as written work in appropriate disciplines which has received critical review. Critical review most often will be peer review, but in some cases (books, some journals) the review is carried out by an editorial staff in ways other than typical peer review. While most scholarly writing will be in the appropriate discipline of the faculty, it is recognized that many BYU faculty outside of the College of Religious Instruction may also have scholarly interests in religious topics. Some of these faculty may in fact have teaching assignments in religion and publish on religious topics. Such publications must meet appropriate standards of scholarship and review.

(A) Scholarly Books —

While all scholarly books will be considered in calculating the Activity and Productivity Indices, they will be listed according to several subtitles.

(1) Reference and Creative Books —

Included in this category are those books directed towards a professional audience in the author's discipline. Scholarly religious books directed towards the professional audience should also be included. Religious books may include those BYU published works which meet the appropriate level of scholarship and which are intended for scholarly reference rather than texts or the general public.

Creative books are original works of fiction, collections of prose and poetry, and other creative writing. This category does not include scholarly textbooks intended for student audiences. All books are to be

authored or co-authored by the faculty and the citation should include the author, publisher, pages etc.

Example — Fleming, J. Clifton, Jr. (with Janet A Spragens). 1991. Tax Aspects of Forming and Operating Closely Held Corporations. Shepards/ McGraw Hill, New York. 944 pp.

(2) Instructional Textbooks —

This category is limited to texts of high quality which have undergone rigorous editorial or peer review and are published by nationally or internationally recognized presses. They should be intended for broad audiences beyond BYU. Books published by local, vanity, or other such publishing processes are not generally acceptable in this category. Where special workbooks, software, etc., are co-published to accompany the texts, they should be listed; however, these will not be counted separately unless they have a "stand-alone" status on the market. Texts should be submitted according to the year of publication. Where subsequent rewrites and new editions are published, they should be submitted in the appropriate year of publishing.

Example — Moore, Hal G. (with Adil Yaqub). 1992. A First Course in Linear Algebra, 2nd Ed. Harper Collins, New York. Feb 1992, 560 pp.

(3) Faculty Edited Scholarly Books —

This category includes anthologies, bibliographies, technical collections, and other works where scholarly writings are brought together with appropriate commentary and/or editing by the faculty member(s). The same standards and audience as identified in A-1 apply to this category.

Example — Cox, P.A. and S.A. Banack, (Eds.) 1991. Islands, Plants and Polynesians: An Introduction to Polynesian Ethnobotany. Discorides Press. Portland, Oregon 228 pp.

(B) Chapters in Books and Reviews —

This category includes contributions to any subdivision of "Scholarly Book" where the criteria of audience and review have been met. Chapters in books must be clearly identified in the book index or table of contents as the separate work of the faculty member. Contributions to scholarly Encyclopedias may be included in this category. The citation should identify the author/editors of the main work as well as the chapter in question. Forewords, introductions, dedications, and similar contributions to books are not considered "chapters" or "reviews."

Example — Arnold, Marilyn. 1991. Mixed Melody: Willa Cather's "Uncle Valentine." pp. 138-145, in *Willa Cather: A Study of the Short Fiction.* Ed., Loretta Wasserman. Twayne Publishers. New York.

(C) Publications in critically reviewed scholarly journals and Proceedings —

This category includes full length articles (no abstracts) and reports of original work published in recognized journals of the several disciplines. Published proceedings of meetings may also be included where the criteria of review and accessibility to the academic public are met. Peer-review is presumed in such journals or proceedings, but other appropriate critical review is acceptable if it is the practice of the journal and discipline. The presumption of "critical review" is that the work has been judged for quality and appropriateness by recognized representatives of the discipline.

Example — Rushforth, S.R. and J.R. Brock. 1991. Diatom Communities in the lower Truckee River, Nevada. Hydrobiologia 224:49-64.

(D) Published Book Reviews —

This category includes scholarly reviews of the works of others which are published in appropriate journals or societal proceedings. Such Book Reviews should be cited as per other scholarly publications (authors, title, journal, pages).

Example — Peterson, David C. Review of *Exiles in a Land of Liberty: Mormons in America 1830-1846* by Kenneth H. Winn, and *Religious Seekers at the Advent of Mormonism* by Dan Vogel. In Journal for the Scientific Study of Religion. 30:127-130 (March 1991).

(E) Significant Intellectual Properties —

This category of scholarly indicators is intended to reflect the growing influence and acceptance of scholarship in a new tradition—tangible works other than books, publications, etc. Issued patents, registered copyrights for software, and complex academic and instructional materials which have been protected by a recognized process are examples of Significant Intellectual Properties. Software that is distributed without protection general and freely distributed and typical educational materials (videos, tapes, workbooks) are not to be included.

Example — Caldwell, K.D., Chu, T-J, Pitt, W.G. DNA Sequencing using Fluorescence Background Electroblotting Membrane. U.S. Patent Number: 5, 112, 736 May 12, 1992. Patent Pending in Japan (1991) and Norway (1992).

3. Artistic and Other Creative Works

Evidence of academic accomplishments in the performing and visual arts are varied. They may include typical books and publications, but they often extend to such creative expressions as actual performances, directing/producing of plays and performances, sculpture and paintings, compositions, and many other categories. Listed below are some typical categories. It is recognized that those submitting work for consideration must critically evaluate the submissions and apply their usual standards of academic worth and excellence to each item.

(A) Juried, Invited and Commissioned Works —

This category includes specific creations of faculty which have been judged and evaluated. This evaluation may occur via peer reviews of exhibited work. There may be instances also where prestigious and recognized organizations or entities specifically commission works or invite exhibits or performances. Some examples of work included in this category are paintings or sculptures which are in juried exhibits or prestigious single shows, musical scores performed in appropriate academic venues, and original plays or films which are judged and otherwise evaluated. Where a work is exhibited or performed more than once in substantially the same form, one entry should be provided detailing all occasions involved.

Example — Kimball, W. Wayne. "Under South Western Skies." Juried, 1991 Biennial of Contemporary Art, Sangre de Cristo Arts and Conference Center. Pueblo, Colorado. (1991)

(B) Published Creative Works —

This category includes such published work that does not fit in the category "Scholarly Writing." It specifically includes those works of design, book illustration, and other art which are accepted within the department(s) as evidence of faculty scholarship.

Citations of such work should specify the publication, page numbers, and other details similar to citations for other scholarly accomplishments. Whether the work was juried or commissioned should also be indicated.

Example — Barrett, Robert. "Dear Napoleon, I Know You're Dead But," Cover Illustration, published by Holiday House. 1992.

(C) Performances, productions or interpretations of the work of others —

This category includes major professional and public presentations of musical, dramatic, and dance works where critical review of the performance is the rule. The role of the faculty member in the performance should be clearly identified in the citation along with details of the venue, time, etc. This category specifically

excludes performances at clubs, church meetings, and family or other personal gatherings unless clear evidence of relationship to academic evaluation can be demonstrated.

Example — Stuart-Barhelder, Lila. performed "Mozart Requiem" with the Ohio Symphony and Choruses, Oberin, Ohio. Oct. 1991.

4. Scholarly Presentations

The participation of faculty in various academic situations, workshops, symposia, seminars, regional and national meetings, performances, etc., where the results are not critically reviewed or published as journal articles is a significant scholarly activity. This category is intended for a listing of such presentations by title, date, and location. It is intended to include only the academically oriented and scholarly presentations and specifically excludes local presentations, unless they are significant to audiences beyond BYU or are major academic presentations. Examples of the latter would be the Sigma Xi Lecture, the Distinguished Faculty Lecture, Forum Speaker, etc.

5. Editorships

This category recognizes the accomplishment associated with appointment or elections to editorial positions, including editorial boards of recognized scholarly publications. This recognition is limited to duly listed (on Journal introductory sheets or covers) Editors, Associate/Assistant Editors, and editorial board members. Referees of manuscripts and ad hoc editorships are not to be included.

6. Other Evidence of Scholarly Accomplishment and Recognition

This category is intended as a place to put accomplishments or other evidence of faculty recognition that do not fit other categories but are deemed significant by the faculty member and department/college leaders. Election to significant societal positions, Fulbright or other awards, funding that indicates confidence of peers but does not fit sponsored program reporting guidelines, and other similar things should be listed here. We will use this listing to create a new category in the Report—one where special and unusual accomplishments are recognized.

7. Research and Creative Work Funding

The Annual Report will continue to list research and other projects funded by **external** agencies. Those projects which come through the Office of Research and Creative Work need not be listed. They will be collected from our files. Please list, however, other research or creative projects funded from external sources—e.g. from gifts, endowments, and all sources **other than** re-distributed university funds. By "the disbursement" we mean awards from College/Department Development funds, etc.

8. Graduate Student Theses and Dissertations

Starting in 1992-93, the Annual Report listed graduate degrees awarded as an evidence of faculty and institutional academic accomplishment. In this category you should list all graduate degree *recipients* and the type of degree earned. Where the program is thesis or dissertation, the major Professor should be identified. In other programs (non-thesis and professional), list the students and those assigned to administer the particular program. List only those who actually received a degree.

ACTIVITY AND PRODUCTIVITY INDICES

The Activity Index and the Productivity Index are generally used to compare departmental progress over time. The categories of accomplishments used to calculate them are thus as constant as possible. The Office of Research and Creative Work will make the calculations from the primary data submitted by colleges.

Activity Index

This item is a numerical value designed to show the extent to which a departmental or other faculty group participates in specified scholarly work. It is calculated as a fraction of faculty who have submitted at least one work in categories 2 and 3 (all sections). Categories 4-8 are not considered in this calculation.

Productivity Index

This index is a numerical value reflecting the average number of specified scholarly accomplishments per departmental or group faculty member. It is calculated by dividing the sum of entries in categories 2 and 3 by the total number of faculty involved (Category 1).

APPENDIX 2
A MODEL FOR DIRECTING SCHOLARLY WORK AT BRIGHAM YOUNG UNIVERSITY

In March of 1992, the university published a memorandum to the faculty, number 14, which supported and encouraged research and creative work at BYU and presented a framework for such scholarly activity. That memo, entitled "A Community of Scholars," has been widely distributed. It includes the following description of Brigham Young University which was adopted by the Board of Trustees in 1990 and reaffirmed in 1991:

"BYU is a Church-related, very large, national, academically selective, teaching-oriented, undergraduate university offering both liberal arts and occupational degrees, with sufficiently strong graduate programs and research work to be a major university, but insufficient sponsored research and academic doctoral programs to be a graduate research institution."

Since that time, the faculty, staff, and students of the university have continued to develop their scholarly agenda. It seems appropriate at this time to expand upon the philosophy and guidelines of the Board's statement and "A Community of Scholars" in order to reaffirm and elaborate upon the role and value of research and creative work at Brigham Young University.

We are pleased to present to the faculty and others of the university community a statement entitled *A Model for Directing Scholarly Work at Brigham Young University*. This document, developed by the University administrations, expresses the continuing commitment of the University to scholarly activities. The statement encourages our scholarly efforts, provides rationale and philosophy that affirm the natural harmony between research and the instructional mission of the university, and offers guidelines regarding the nature of external support for our research and creative work that seem appropriate in view of our model.

A MODEL FOR DIRECTING SCHOLARLY WORK AT BRIGHAM YOUNG UNIVERSITY

INTRODUCTION

The scholarly work[1] of the faculty at Brigham Young University had very modest beginnings some 40 years ago and has continued to expand since that time. Scholarship is now not only an important but a necessary part of the University's fundamental commitments. At the same time, some forms of scholarly work are more central to BYU's institutional mission than are others. This document attempts to describe the preferred forms.

The BYU Board of Trustees has determined that this university should be an "academically selective, undergraduate teaching university offering both liberal arts and occupational degrees, with sufficiently strong graduate programs and research work to be a major university, but insufficient sponsored research and academic doctoral programs to be a graduate research institution."[2]

To be a "major university" within the meaning of the definition, all of the university's faculty must be teacher-scholars who are involved in some form of both teaching and scholarly work. The kind of teaching that is desired requires faculty who are active and current in their disciplines–a level of academic professionalism that is not possible without immersion in the world of intellectual discovery.[3] However, the forms of scholarship the BYU Board envisions should serve a primary purpose of improving teaching and learning, along with serving student and faculty interests in other ways. Not all scholarly work fulfills these objectives; in fact, some forms of that work may divert faculty from their fundamental teaching perspectives and tasks.

The university thus expects its faculty to be more involved in scholarship than would be the case at an exclusively undergraduate college or university with no serious scholarly agenda. At the same time, the university does not seek to be primarily a graduate research institution with such heavy emphasis on scholarly work that the direct teaching and mentoring of undergraduate students is a secondary interest among many faculty. In order to steer a steady course between those two alternative models, the university has adopted this statement of guidelines that attempts to define the purposes and the forms of faculty scholarship and research support, including external research grants and contracts, that are consistent with the kind of institution the Board of Trustees intends to maintain. For example, the Board has placed a limit, summarized in table 1, on the number of certain types of personnel that can be employed through external research funding.

Although the Board of Trustees does not limit the dollar amounts of research funding that BYU may accept, the University Administration annually reviews with the Board both the funding level and the nature of externally funded research by BYU faculty. This review reflects the Board's desire to (1) preserve the strong commitment of the university to teaching and to the welfare of BYU students; and (2) avoid substantial increases in the university's present level of indirect support for research, whether in space, equipment, personnel, or general overhead. Thus, the Board expects the scholarly projects to have high faculty and student involvement and not decrease the overall faculty commitment to teaching in the classroom. As long as these limitations are met, faculty members are encouraged to apply for external funding to support their scholarly work.

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[1] Scholarship or scholarly work is defined broadly to include all forms of research and creative activity or expression. See Section III for details.

[2] Report of BYU Board of Trustees Meeting, June 2, 1991.

[3] Many have asserted the importance of active scholarship to effective teaching. For example:

"Research invigorates teaching, and teaching stimulates research. . . . Faculty members given only to teaching will lose touch with their fields, and those given only to research will lose touch with their students. (Timothy O'Meara, Notre Dame University Provost)

"As one of my students pointed out to me, I am a totally different teacher in the field of my research. I am excited about recent developments, I try out new ideas on my students, and I simply have a perspective about fundamental issues I can gain in no other way." (Bruce Hafen, Brigham Young University Provost)

"For any of us to be good teachers five years from now, we must be engaged in sustained scholarly activity within our disciplines now. Otherwise we will be unable to perform adequately the central task of teaching–specifying for our students what is most important and relevant to learn." (Clayne L. Pope, Brigham Young University Dean)

"Can faculty members realistically be contributive (published) scholars within their disciplines and be fine teachers of undergraduates? That question is not much different than the following: Is understanding of one's discipline important if one is to teach well; or does involvement in the serious study of one's discipline help or hinder one as one attempts to teach?" (Eliot A. Butler, Brigham Young University Vice President)

WHY SCHOLARLY WORK IS IMPORTANT AT BYU

Scholarship is an important and, indeed, necessary part of the purpose of Brigham Young University. The opportunity to join in the quest for new knowledge and understanding; contribute to the process of artistic performance, expression, or creation; and improve the quality of life should be reason enough for participation – especially when the possibility is there to integrate religious values with the secular. But there are also important practical considerations that justify the involvement in scholarly work and shape the model to be followed. Four principal reasons guide the direction for scholarly work at BYU: (1) scholarly work helps the faculty to remain current in their disciplines and "alive" in teaching; (2) scholarly work contributes directly to the education of the students, both graduate and undergraduate; (3) scholarly work establishes the credibility of BYU and the reputation of the faculty in national academic/professional circles; and (4) scholarly work enables the university to recruit and retain the high quality of faculty it desires to have. At BYU, the first two reasons have increased in significance because of the importance of teaching to the purpose of the university.

Teaching Excellence. The university must have faculty who can successfully meet the challenge of the exceptional students that are now the norm at Brigham Young University. The quality of teaching at an educational institution results primarily from the calibre of its faculty, and the best faculty are those who excel in both teaching and scholarly endeavors. Faculty must specify what is taught, and scholarly work brings the faculty to the frontiers of their disciplines, ensuring that the content of the courses will be intelligently defined. Teaching and scholarly work strengthen and reinforce one another and, indeed, are a part of the same whole. Faculty who engage in both teaching and scholarly work heighten the learning experience of the students they teach. The excitement of learning and discovery obtained from the scholarly activity, as well as exposure to the latest concepts, continually filters down to the classroom. This process, important at all levels of the educational enterprise, is critical to higher education.

Added to the traditional academic pillars of teaching and scholarly work is BYU's unique perspective that faculty also need to be excellent in "faith." The best model for BYU is not to hire the "good scholar," the "good teacher," or the "faithful academician"; rather it is to obtain and nurture those individuals who have demonstrated excellence, or hold promise of excellence, in all three dimensions.

Student Participation. At the core of the university experience for the student is exposure to an atmosphere of inquiry, reasoning, creation, and critical thinking with an opportunity to synthesize and integrate what is learned. This experience is best achieved through close and direct contact between the student and faculty member; scholarly work provides one of the best vehicles for this interaction. Through such discussion and give and take, the student learns how to reason, to plan, and, indeed, to think.

Student learning should be more than amassing facts and figures. It must involve development of a capacity for lifelong discovery and use of information. Involvement in scholarly work is an essential part of such a learning experience at BYU. Scholarly work makes students more active participants in their disciplines. While this scholarly activity may differ in amount and intensity for the graduate or undergraduate student, nonetheless, it is an important aspect of the learning process for all students.

Scholarly work is a major and necessary component of graduate education, whether its focus lies on basic, applied, or creative efforts. A graduate degree is awarded not simply for the completion of a course of study, but additionally for the completion of a successful project, an acceptable thesis or dissertation, or presentation of a creative work. Ideally, each graduate student is mentored by a major professor who works in a one-on-one relationship with the student to teach principles and techniques of scholarly inquiry or creation; to share in the discovery of new knowledge, invention, or aesthetic expression; and to guide the student to the successful conclusion of the scholarly effort.

Often, enduring bonds and friendships are forged between student and mentor that last a lifetime; often, lifetime directions for scholarly inquiry are established.

On the undergraduate level, a faculty-student scholarly work interaction provides close relationships between student and teacher, provides a unique learning experience, and helps to compensate for the large classes that are necessary in some disciplines, especially in initial courses. With this interaction, the faculty member often becomes a friend, consultant, advisor, and mentor. The one-on-one interaction in the laboratory, field, studio, or office provides a teaching/learning experience that cannot be duplicated in any other way.

Conviction and belief are best expressed and felt through personal interaction, which makes scholarly involvement between faculty and students, whether on the graduate or undergraduate level, an excellent way for students to learn how to blend their religious convictions with their aspirations for professional competence. Here students may see the faculty member as an example of a believer in Jesus Christ whose testimony has been strengthened by inquiry, reasoning, and acquisition of knowledge. Here is the unique opportunity to integrate outstanding scholarship with the building of faith in the Gospel of Jesus Christ.

In many cases, a scholarly project provides financial support for the student; often, academic credit is also given for the scholarly work. Both of these factors can assist the student in moving through the university more quickly and more effectively, especially on the undergraduate level.

University Recognition. President Spencer W. Kimball has said, "We expect (we do not simply hope) that Brigham Young University will become a leader among the great universities of the world."[4] We seek recognition as a quality university in national/professional circles because a positive reputation increases the influence of the university, adds to the stature of the Church as perceived by others, attracts high quality students, and helps these students obtain the best possible opportunities for employment and for admission to leading graduate and professional programs.[5]

The regard with which the university and the faculty are perceived by others rests to a large extent on scholarly accomplishment. The credibility and reputation gained in this manner will ultimately be much more significant than the fame obtained by other university programs. To accomplish this purpose, the focus of the scholarly effort must be more on quality than on quantity and must be reported and evaluated through publication and presentation.

The University's institutional interest in national recognition is of major importance; however, this policy statement also recognizes that some forms of high quality scholarly work, such as in applied areas, in certain forms of artistic expression, and in pedagogically oriented projects, can strengthen one's teaching, stimulate one's professional growth, and make significant professional contributions without necessarily achieving original research breakthroughs of national stature. Thus, as described more fully below, BYU's policies recognize and encourage many forms of scholarly and creative work, all of which enhance the quality of faculty teaching and professional development. To ensure the quality of such work, peer review in its various forms is always essential.

Faculty Recruitment and Retention. A university commitment to scholarly work is necessary to attract the caliber of faculty the university needs and seeks. Imaginative, dynamic, and enthusiastic faculty members cannot be recruited without clearly anticipated assurances from the university administration of a commitment to scholarly work within the framework of scholarship established by the BYU Board of Trustees. Most were trained at a university where scholarly work is a major part of the university activity.

Faculty recruitment is especially critical during the next decade as nearly half the present faculty retire, both at BYU and at many other universities that will be competing for personnel. The replacements hired will set the direction for the university well into the next century.

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[4] *Second Century Address*, Brigham Young University, October 19, 1975, p. 11.

[5] Graduates joining the professional, government, and academic community are substantially aided by the university's high reputation and, at the same time, contribute to this reputation through their accomplishments.

NATURE OF SCHOLARLY WORK AT BYU

The direction for scholarly work at BYU results from an emphasis on faculty recruitment and improvement and from the importance of direct student-faculty interaction in scholarly work as well as in the classroom. All faculty should be involved in both scholarly work and teaching, but the nature of the scholarly work and the mix between teaching and learning in the classroom and teaching and learning through scholarly work may vary markedly from discipline to discipline and from faculty member to faculty member.[6] Scholarly work as defined here may be of several types: the discovery of new knowledge and original insights that expand human understanding; the application of existing knowledge in one discipline with that of others; the finding of new and better means for describing, understanding, and presenting what is already known; or the creative work that includes artistic performance, expression, or creation. Whatever the nature of the scholarly process, the focus at BYU must be on quality work with student involvement wherever possible. To meet the test of excellence, scholarly work must undergo the refining trial of critical review and acceptance by the scholar's discerning peers at this and especially at other institutions. The review process needs to include the submission of written works (books, articles, reports, papers) for presentation through reputable presses, journals, and conferences, or similarly demanding juried review of artistic and other creative works. The students can, and should, participate in the scholarly activity as well.

The model for scholarship described above, emphasizing individual faculty participation with student involvement, is essentially the one now in place in the University. Each year, the faculty publish over a thousand peer-reviewed scholarly papers and present about a hundred juried artistic works. They also publish over a hundred books and make about two thousand scholarly presentations at universities, research institutes, or professional meetings throughout the world. Over half of the faculty produce at least one peer-reviewed publication or juried artistic presentation each year. Students, both undergraduate and graduate, are active participants in many of these scholarly projects, which often result in their being coauthors or copresenters of the work. Most of the external funding that supports this scholarly effort is in the form of grants or contracts of modest size administered by individual faculty members.

FUNDING SCHOLARLY WORK AT BYU

The level of scholarly accomplishment at BYU is impressive considering the heavy teaching responsibilities and low levels of external funding as compared to most other universities of a similar size, type, and commitment to scholarly work. This relatively high productivity in spite of low external funding levels results from the exceptional dedication of the faculty, the focus of the work, the type of scholarly work being done, the integration of this scholarly work with teaching, and the internal support received. The university, through funding from the Board of Trustees, provides strong internal support for scholarly work. Examples are computer support, a scholarly library, technical support staff, student fellowships, assistantships and internships, faculty release time and professional development leaves, equipment and supplies purchases, travel funds, waved indirect costs on external grants and contracts, and the Special Research Appropriations Budget that is used to provide the faculty with small, but flexible, grants for support of their scholarly work. These types of university support alone are sufficient to enable faculty in some disciplines to do quality scholarly work. What are generally required by those faculty members are computer resources, library support, funding for travel to professional meetings, and available time.

However, faculty in many areas require external funding in order to achieve excellence in their scholarly work.[7] This external funding provides necessary financial support for the project but, in addition, benefits the university beyond the individual support in many ways, such as salary support

[6] The recently approved document "University Policy on Faculty Rank and Status: Professorial" describes the expectations for the faculty in citizenship, teaching, and research, and the flexibility with which the faculty can apportion commitment between teaching and research.

[7] In many disciplines, receiving external funding documents the quality and reputation of the faculty since the awarding of grants and contracts usually occurs only after a severe and exacting form of peer-review.

for students (undergraduate, graduate, and post-doctoral fellows), spring/summer salary support for the faculty, and additional funding for travel, supplies, computer time, and equipment.

At Brigham Young University, research funding is accepted from granting agencies only if a report, product, device, creative work, new technology, research related training, or some equivalent return is obtained. With this quid-pro-quo delivered, the university gives something in return for this external funding and should feel justified in receiving the support. Given the opportunity, the faculty should be encouraged and rewarded for seeking outside funding, as long as it does not overtax facilities and cut into faculty time devoted to assigned instructional responsibilities, and is of the type that supports the goals of developing quality faculty and providing quality teaching. Within this model, the major thrust for funding should be for projects by individual faculty members and programs (usually interdisciplinary in nature) by collaborative groups of modest size. In addition, a limited number of interdisciplinary centers or programs that involve several faculty in the university and that may include subcontracting to other universities or research institutes are acceptable and encouraged, as long as the major effort occurs at BYU and the focus is on faculty participation and student involvement.

The funding of large research organizations essentially independent of the teaching effort is unacceptable.[8] Pass-through grants in which the university acts principally as a research contractor issuing subcontracts to other research organizations are also unacceptable. Also absent from BYU's programs is funding for specific academic units which focus on research efforts. Examples at other universities include a medical school, an agricultural experiment station, or an extension division. Proprietary grants or contracts in which the results are supplied only to the granting agency are generally unacceptable unless such grants support other research projects in some direct way, since they do not allow for peer review and publication in the open literature. In general, research funding is sought that is in harmony with the scholarly and teaching mission of the university and that supports faculty and student participation in the scholarly effort as described earlier in this document.

No limits have been placed by the Board of Trustees on the amount of external research funding that can be accepted at Brigham Young University as long as the guidelines outlined above are followed. There are limitations, however, on the number of university personnel that can be supported from external grants and contracts. They are summarized in table 1.

In summary, the university seeks funding for research projects that lead to student and faculty involvement. These are the types that have the stimulation, enrichment, and renewal that are important to the university and are most cost effective.

[8] Examples at other universities are the Space Dynamics Lab at Utah State University, the Applied Physics Laboratory at Johns Hopkins University, the Lincoln Labs at MIT, and the Lawrence Berkeley Labs at the University of California.

Table 1. Full Time Equivalent (FTE) Limitations on University Positions Supported by External Research Funding

Position	Maximum FTE
Permanent faculty supported by faculty research offset[a] during the academic year	6
Part-time and temporary teachers supported by faculty research offset	15
Research support positions (technicians, research associates, etc.)	40
Students (undergraduate, graduate, or post-doctoral fellows)	no limit
Research support for faculty during spring or summer term	no limit[b]

[a] Under certain circumstances, work on an externally funded research grant or contract requires dedication of a discrete portion of a faculty member's time to the project. In such cases, funds from the grant or contract may be used to pay for or "buy out" that portion of the salary. This process, known as research offset, creates a savings of salary and position in the university budget that can be used to employ additional faculty, temporary teachers, or teaching assistants to help cover the decreased time the faculty member is able to devote to teaching.

[b] The absence of a limit in this category is conditional upon having enough teachers available to teach the spring and summer classes. Present university policy requires that, if needed, faculty members be available to teach during spring or summer.

APPENDIX 3
NEW CARNEGIE CLASSIFICATIONS

The Carnegie Foundation for the Advancement of Teaching publishes a guide to help colleges and universities evaluate their profile vis-a-vis other institutions. This year they have revised the criteria to reflect inflation of dollar amounts and other changes. Since total federal support is between 15.5 and 40.0 million dollars, BYU is classified as a "Research University II." However, most of this support is in the form of undergraduate student aid, and BYU federal research funding was only $8.5 million in 1992-93. Thus, in terms of research funding, BYU compares more closely to the Carnegie Classification of "Doctoral University I."

Carnegie Classifications

The 1994 Carnegie Classification includes all colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the U.S. Secretary of Education.

Research Universities I: These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate, and give high priority to research. They award 50 or more doctoral degrees each year. In addition, they receive annually $40 million or more in federal support.[2]

Research Universities II: These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate, and give high priority to research. They award 50 or more doctoral degrees[1] each year. In addition, they receive annually between $15.5 million and $40 million in federal support.[2]

Doctoral Universities I: These institutions offer a full range of baccalaureate programs and are committed to graduate education through the doctorate. They award at least 40 doctoral degrees[1] annually in five or more disciplines.[3]

Doctoral Universities II: These institutions offer a full range of baccalaureate programs and are committed to graduate education through the doctorate. They award annually at least ten doctoral degrees—in three or more disciplines[3]—or 20 or more doctoral degrees in one or more disciplines.

Master's (Comprehensive) Universities and Colleges I: These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 40 or more mater's degrees annually in three or more disciplines.[3]

Master's (Comprehensive) Universities and Colleges II: These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 20 or more master's degrees annually in one or more disciplines.

Baccalaureate (Liberal Arts) Colleges I: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degree programs. They award 40 percent or more of their baccalaureate degrees in liberal arts fields and are restrictive in admissions.[4]

Baccalaureate (Liberal Arts) Colleges II: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degree programs. They award less than 40 percent of their baccalaureate degrees in liberal arts fields and are less restrictive in admissions.[4]

Associate of Arts Colleges: These institutions offer associate of arts certificate or degree programs and, with few exceptions, offer no baccalaureate degrees.[5]

Professional and Specialized Institutions: These institutions offer degrees ranging from the bachelor's to the doctorate. At least 50 percent of the degrees awarded by these institutions are in a specialized field. Specialized institutions include:

Theological seminaries, Bible colleges and other institutions offering degrees in religion: This category includes institutions at which the primary purpose is to offer religious instruction or train members of the clergy.

Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, their programs include other health professional schools, such as dentistry, pharmacy, and nursing.

Other separate health profession schools: Institutions in this category award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.

Schools of engineering and technology: The institutions in the category award at least a bachelor's degree in programs limited almost exclusively to technical fields of study.

Schools of business and management: The schools in this category award most of their bachelor's or graduate degrees in business or business-related programs.

Schools of art, music, and design: Institutions in this category award most of their bachelor's or graduate degrees in art, music, design, architecture or some combination of such fields.

Schools of law: The schools included in this category award most of their degrees in law. The list includes only institutions that are listed as separate campuses in the *1994 Higher Education Directory*.

Teachers colleges: Institutions in this category award most of their bachelor's or graduate degrees in education or education-related fields.

Other specialized institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.

Tribal colleges: These colleges are with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.

Notes on Definitions

1. Doctoral degrees include Doctor of Education, Doctor of Juridical Science, Doctor of Public Health, and the Ph.D. in any field.

2. Total federal obligation figures are available from the National Science Foundation's annual report called *Federal Support to Universities, Colleges, and Nonprofit Institutions.* The years used in averaging total federal obligations are 1989, 1990, and 1991.

3. Distinct disciplines are determined by the U.S. Department of Education's *Classification's of Instructional Programs* four-digit series.

4. The liberal arts disciplines include English language and literature, foreign languages, letters, liberal and general studies, life sciences, mathematics, philosophy and religion, physical sciences, psychology, social sciences, and the visual and performing arts. The occupational and technical disciplines include agriculture, allied health, architecture, business and management, communications, conservation and natural resources, education, engineering, health sciences, home economics, law and legal studies, marketing and distribution, military sciences, protective services, public administration and services, theology, area and ethnic studies, and multi- and interdisciplinary studies.

5. This group includes community, junior, and technical colleges.