REPORT ON PUBLICATIONS AND CREATIVE ACHIEVEMENTS 1988-89

UNIVERSITY OF WISCONSIN-EAU CLAIRE
School of Graduate Studies and Office of University Research
REPORT ON PUBLICATIONS AND CREATIVE ACHIEVEMENTS 1988-89

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Teaching, scholarly activity, and service have long been the backbone of higher education in the State of Wisconsin. At the University of Wisconsin-Eau Claire, we have traditionally emphasized teaching as our primary mission, and excellence in the classroom has significantly contributed to the University's fine reputation.

Research and other scholarly and creative activities of the faculty and academic staff are one of several means by which the University's primary mission of excellence in instruction is promoted. Such activities assist the university community in maintaining a level of excellence in instruction while providing an effective means for attracting and developing well-informed students. Indeed this report includes many entries which have students as joint authors with faculty and academic staff members. Scholarly and creative activities are also important vehicles for professional development for our faculty and academic staff and for our students who, by their participation, are provided valuable learning experiences not often available to their peers at other universities.

Our Report on Publications and Creative Achievements helps to illustrate the contributions which the faculty and academic staff at the University of Wisconsin-Eau Claire have made during the 1988-89 academic year. Included in this publication is a list of the graduate student theses and research papers accepted by the School of Graduate Studies. This listing also reflects the research interests of the faculty because students work closely with them in pursuing their research efforts. This Report, together with the regular updates on extramural grants published in the University Research Newsletter, and the weekly reports of presentations at scholarly meetings and public service activities in the University Bulletin document the creative and scholarly efforts of our faculty and academic staff.

Larry Schnack
Chancellor
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PREFACE

Institutions of higher learning engage in research and creative activities as integral parts of their educational functions. It is through such activities that our knowledge is increased and achievements are made to further the well-being of the general public. The articles, books, published research reports, major recitals, and other scholarly and creative achievements produced by the faculty and academic staff, as well as the theses and research papers produced by graduate students tend to serve as indicators of the contributions that the University of Wisconsin-Eau Claire is making to the expansion of knowledge and the arts. The University is pleased to acknowledge the publications and other scholarly and creative achievements of its faculty, academic staff, and students.

This document represents, of course, only a small fraction of the total efforts of our faculty, academic staff, and students in research and creative activities. Many of our efforts do not always lead to information that can be disseminated. However, the level of effort recorded in this document is one measure of the achievements of the University of Wisconsin-Eau Claire.

Of the activities catalogued in this report, five reasonably distinct categories can be identified:

1. publications which expand disciplinary frontiers of knowledge;

2. publications which transcend disciplinary boundaries by relationships with other disciplines;

3. publications which provide practical applications for research-generated knowledge;

4. publications which synthesize or reiterate research findings for newly identified audiences; and

5. significant activities which transmit a cultural/artistic heritage and/or expand or deepen the audience’s horizons.

A university is a collection of diverse groups of individuals representing numerous areas of expertise. It is through such diversity and interactions of disciplines that the University of Wisconsin-Eau Claire gains its strength. This Report illustrates such diversity and interactions of our institution.
EXPLANATIONS, NOTES, AND COMMENTS

Distribution of the Report. All faculty and academic staff receive a copy of the Report, and each academic and administrative office receives three copies. A small stock of extra copies has been printed so that interested individuals may receive extra copies by contacting the editor:

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School of Graduate Studies and Office of University Research
Schofield Hall, Room 201
University of Wisconsin-Eau Claire
Eau Claire, WI 54702-4004
(715) 836-2721

Suggestions and comments for improving the Report should also be sent to the editor.

Inclusions and Exclusions. Each faculty and academic staff member with a joint appointment has been listed under the single unit each selected as his or her primary appointment for purposes of this Report. The departmental affiliation of faculty, academic staff, and/or student co-authors is also noted. The index includes only those faculty and academic staff who were employees of the University between May 1988 and April 1989, their co-authors, and those students whose theses or research papers were accepted by the School of Graduate Studies during that period. In addition to publications and creative achievements during the 1988-89 academic year, this Report includes items eligible for, but not included in, the previous issue. The next issue will cover the period of May 1989 to April 1990. Every attempt has been made to be complete and accurate within the ground rules established for the Report. All submissions were screened by members of the Editorial Advisory Board as to their appropriateness for inclusion.

Acknowledgements. The Editorial Board wishes to express their appreciation to the many individuals who assisted with this publication. Producing this Report required hard work and cooperation. Faculty and staff members who carefully completed their submission materials in a timely way provided momentum, and administrative offices' submitting and speedy transmittal of the materials further aided the work. Roy Massoth and the staff of the University Publications Office coordinated the typesetting, layout, and printing of the Report.
Academic Computing Services
Dr. Charles J. Brenner, Director
167A Phillips
715/836-2830


Raleigh, Donna. See Steven G. Jones, Journalism; Donald E. Johnson, Computer Science.

Accountancy
Dr. Lawrence Ozzello, Department Chair
400A Schneider
715/836-2184


Adult Health Nursing
Dr. Norma J. Briggs, Department Chair
207 Nursing
715/836-5183


---. See Winifred A. Morse, General Nursing.

Affirmative Action and Human Relations
Ms. Joan Rohr Myers, Director
225 Schofield
715/836-2522

Myers, Joan Rohr. See Bruce Taylor, English.

Art
Mr. Charles T. Campbell, Department Chair
104 Fine Arts
715/836-3277


Arts and Sciences—Administrative
Dr. Lee Grugel, Dean
138 Schofield
715/836-2542


Biology
Dr. Victor Cvancara, Department Chair
331 Phillips
715/836-4166

Kettler, Michelle K., and M. Salmon, University of Illinois-Champaign. "The Importance of Behavioral and Biochemical Differences Between Fiddler Crab Taxa, With Special Reference to Uca Rapax (Smith) and II Virens (Salmon and Atsaiads).” Contributions in Marine Science 30 (1987): 63-76.


Marshall, Owen. See Darwin D. Wittrock, same department.


Business Administration
Dr. Harvey S. Gunderson, Department Chair
400 Schneider
715/836-3677


Dhatt, Manjeet. See Ronald J. Kudla, same department.


Business Education and Administrative Management
Dr. Jack Hoggatt, Department Chair
404 Schneider
715/836-4320

Condon, Greg A. See Ronald Schlattman and Jack P. Hoggatt, same department.


Missling, Lorraine. See Jack P. Hoggatt, same department.


Weston, Anita. See Jack P. Hoggatt, same department.

Chemistry
Dr. Melvin E. Gleiter, Department Chair
443 Phillips
715/836-3417


Hartsel, Scott C., and Joseph Y. Cassim, Microbiology and Biophysics, at Ohio State University, Columbus. “Structure and Photodynamics of Bacteriorhodopsin in a Delipidated Contracted Lattice Form of Purple Membrane.” Biochemistry 27.10 (1988): 3720-724.


Communication Disorders

Dr. Sylvia Steiner, Department Chair
112 Allied Health Center
715/836-4186

Larson, Vicki Lord. See Graduate Studies and University Research.

Mckinley, Nancy L. See Vicki Lord Larson, Graduate Studies and University Research.

Steiner, Sylvia. See Vicki Lord Larson, Graduate Studies and University Research.

Steiner, Sylvia; Thomas Marquardt, University of Texas-Austin; and Michael Kimbarow, SUNY College-New Paltz, assoc. eds.; John Pet-tit, University of Maine, ed. Proc. of the Ninth Annual Conference on Graduate Education in St. Louis, MO. Kalamazoo, MI: 1988.

Communication and Theatre Arts

Dr. W. Robert Sampson, Department Chair
166 Fine Arts
715/836-3419


Perkins, Dann. See Elizabeth J. Perkins, Arts and Sciences—Administrative.


Computer Science

Dr. David Nuesse, Department Chair
131 Phillips
715/836-2526


Economics

Dr. Donald Ellickson, Department Chair
400G Schneider
715/836-5743


Education—Administrative

Dr. William P. Dunlap, Dean
153A Schofield
715/836-3671


Schuster, Nancy Beth. See Alvin Rolland, Mathematics.

Educational Opportunity

Ms. Sarah Harder, Special Assistant to Vice Chancellor
2058 Library
715/836-5717


Zabrowski, Karen. See Art Lyons, same department.

Elementary Education

Dr. Lloyd Joyal, Acting Chair
272 Brewer
715/836-5357

Dunlap, William P. See Sherry Macaul, same department.


English

Dr. Nadine St. Louis, Chair
403 Hibbard
715/836-2644


English, Cont’d.

Kirkwood, Richard. [9?].See Bruce Taylor, same department.
Lauber, Margaret. See Bruce Taylor, same department.

Whiteman, Roberta. See Bruce Taylor, same department.
Wood, Martin. See Roger Anderson, same department.

Foreign Languages

Dr. Gale K. Crouse, Department Chair
378A Hibbard 715/836-4287

General Nursing

Ms. Karen H. Danielson, Acting Chair
272 Nursing
715/836-5006
Geography
Dr. Ingolf K. Vogeler, Department Chair
260 Phillips
715/836-3244


Geology
Dr. John R. Tinker, Jr., Department Chair
153 Phillips
715/836-3732

Allen, Shari L. See Robert L. Hooper, same department.


Graduate Studies and University Research—Administrative
Dr. Ronald N. Satz, Dean
201 Schofield
715/836-2721


History
Dr. Jack M. Lauber, Department Chair
701B Hibbard
715/836-5501


Satz, Ronald N. See Graduate Studies and University Research.


Journalism
Dr. James E. Fields, Department Chair
152 Hibbard
715/836-2528


Journalism, Cont’d.

---. See Roger Anderson, English.

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Library Services
Dr. Steve R. Marquardt, Director
1035 Library
715/836-3715


Management Information Systems
Dr. John Schillak, Department Chair
401 Schneider
715/836-4320

La Barre, James E. See John E. Melrose, same department.


Mathematics
Dr. Marshall Wick, Department Chair
508 Hibbard
715/836-3301


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Wineinger, Thomas. See John W. Ridge, Education—Administrative.


Music
Dr. Merton Johnson, Department Chair
156 Fine Arts
715/836-4954


Music, Cont’d.


---. See Richard Fletcher.

---. See Evelyn M. Grau for Faculty Viola Recital, same department.


---. See Leonard L. Garrison, same department, for Telemann Society Concerts.


Grau, Evelyn M., Donald Patterson, and Richard Fletcher, all of the same department; Janet Patterson, Library Services. Faculty Viola Recital. Schofield Auditorium, Eau Claire. 7 Feb. 1989.


---. Concert Tour of Romania, Hungary, and Austria. Conservatory of Music, Bucharest, Romania; Cultural Center, Cluj, Romania; Cultural Center, Kiskunhalas, Hungary; Bartok’s Home, Budapest, Hungary; English Speaking Catholic Church (2 concerts). Vienna, Austria. 13 June to 4 July 1988.


---. See Leonard L. Garrison for Telemann Society Concerts; Evelyn M. Grau for Concert with Bach Society; Nanette Gomory Lund for Harpsichord and Oboe Recital; and Jerry A. Young’s Solo Recital, all of the same department.

Lunde, Nanette Gomory. See Leonard Garrison, same department, for Telemann Society Concerts.


Music, Cont’d.

---. See Evelyn M. Grau, Faculty Viola Recital; and Danniel R. Newman.


---. See Nancy Rice Baker, same department.


Philosophy and Religious Studies

Dr. Richard DeGrood, Department Chair
633 Hibbard
715/836-2545


Physics and Astronomy

Dr. M. James Simonsen, Department Chair
231 Phillips
715/836-3148

Seal, James. See Gabriel Kojoian, same department.


Political Science

Dr. Patrick George, Department Chair
200 Schneider
715/836-5744


Psychology

Dr. Kenneth D. McIntire, Department Chair
273 Hibbard
715/836-5733


Harper, Jerry. See William R. Frankenberger, same department.


Publications

Mr. Roy L. Massoth, Director
217A Schofield
715/836-5248

Massoth, Roy L., illustrator. See Elizabeth J. Perkins, Arts and Sciences—Administrative.
Secondary and Continuing Education

Dr. Michael K. Lindsay, Acting Department Chair
154A Brewer
715/836-5846


Social Work

Dr. Grafton H. Hull, Jr., Department Chair
260 Allied Health Center
715/836-4435


---. See Eugene Engeldinger, Library Services.


Sociology and Anthropology

Dr. James M. Williams, Department Chair
436 Schneider
715/836-2720


Special Education

Dr. E. Milo Pritchett, Department Chair
233 Allied Health Center
715/836-5511


University News Bureau

Mr. James A. Schwartz, Director
218C Schofield
715/836-4745


Theses and Research Papers Accepted by the School of Graduate Studies — 1988-89

Between August 1988 and May 1989 the University of Wisconsin-Eau Claire conferred 142 master's degrees. Of these, ten degrees required submission of a thesis and twelve required the submission of a research paper. An additional four students completed a thesis for certification in School Psychology. Copies of theses and research papers are held in the William D. McIntyre Library of the University of Wisconsin-Eau Claire and are available for public inspection. Theses on file in the McIntyre Library are listed in Master's Theses in Education and Master's Theses in the Arts and Social Sciences published by Research Publications, Cedar Falls, Iowa.

This list of titles is published in an attempt to acquaint individuals both within and outside the University with the diverse range of research and other scholarly studies undertaken by some of our graduate students as they pursue advanced degrees. Such a listing also reflects the research interests of the University faculty because the students work closely with them in pursuing their research efforts. It is in this manner that the University combines its responsibilities for generating new knowledge. Readers are invited to scan this list for topics of interest and to follow up by reading the full thesis or research paper.

Master of Arts—English


Master of Arts—History


Master of Arts in Teaching—History


Master of Science in Education—Special Education


Master of Science—Biology


Master of Science—Communicative Disorders


Master of Science in Nursing


Bumann, Roberta M. "Environmental Sources of Psychological Stress for Patients in the Intensive Care Unit." Research Advisor: Dr. Sandra Sweeney. August 1988.


Master of Science in Teaching—Mathematics


Certification in School Psychology


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