

Mary L. Crowe
Director, Office of Undergraduate Research (OUR)
The University of North Carolina at Greensboro
1709 HHRA
Greensboro, NC 27402-6170
mlcrowe@uncg.edu

Professional Preparation

Ph.D. (1994) Biology; Advisor: Dr. Bethia King
Northern Illinois University, DeKalb, Illinois
M.S. (1990) Biology, Advisor: Dr. Lowell Nicolaus
Northern Illinois University, DeKalb, Illinois
B.S. (1987) Biology
Eureka College, Eureka, Illinois

Professional Employment

Director, The Office of Undergraduate Research (OUR), The University of North Carolina at Greensboro, February 2006- present
Director, Center for Undergraduate Research, Xavier University of Louisiana, June 2004-January 2006
Associate Professor, Department of Biology, Xavier University of Louisiana, June 2004-January 2006
Associate Professor, Department of Biology, Coastal Carolina University, Fall 1999 to June 2004
Assistant Professor, Department of Biology, Coastal Carolina University, Fall 1994 to Spring 1999

Five Most Relevant Publications (undergraduate student names in *italics*)

Crowe, M. and Sienerth, K. 2006. Budgeting for a centralized office of undergraduate research. *In press*, Council of Undergraduate Research Quarterly
Crowe, M. 2006. The Role of Campus-wide Undergraduate Research Centers in Supporting a Research Rich Curriculum, *in press*, in How to Design, implement, and sustain a research-supportive undergraduate curriculum. Council of Undergraduate Research, Washington, D.C.
Crowe, M. 2006. Creative Scholarship through Undergraduate Research, Peer Review 8(1):16-18.
Crowe, M. and Hill, C. 2006. Setting the stage for good group dynamics in semester long research projects. Journal of College Science Teaching 35(4): 32-35.
Crowe, M. and Burns, T. 2003. Science curriculum reform for education majors Academic Exchange Quarterly, 7(4):2541-3z.
Crowe, M. 2003. Jump for the Sun II: can a monthly program change girls and women's attitudes about STEM? Journal of Women and Minorities in Science and Engineering 9: 325-332.

Five Other Publications

Windsor, A., Crowe, M. and Bishop, J. 2005. Determination of temperature preference and the role of the enlarged cheliped in thermoregulation in male sand fiddler crabs, *Uca pugilator*. Journal of Thermal Biology 30(1) 37-41.
Crowe, M. and Boston, K. 2004. Using animal burrows to integrate math and biology. Science Activities 40(4):34-38.
Crowe, M. 2004. Thermoregulation. Encyclopedia of Animal Behavior. edited by M. Bekoff, Greenwood Publishing, Westport, CT.
Luce, A. and Crowe, M. 2001. Invertebrate terrestrial diversity along a gravel road on Barrie Island, Ontario, Canada, Great Lakes Entomologist 34: 55-60.
Crowe, M. 2003. Investigating human mate choice using the want ads. In Ploger, B. and Yasukawa, Exploring Animal Behavior in laboratory and field: a hypothesis-testing approach to the

development, causation, function and evolution of animal behavior. pp. 114-115. Academic Press, Boston, MA.

Synergistic Activities

1. Memberships

1994-present Member of Council of Undergraduate Research. CUR Biology Councilor since 2000
1996- present F₂₁ member Project Kaleidoscope; currently member of planning committee for faculty development workshops focused on creating research rich institutions
2004- present Member, Board of Governors, National Council of Undergraduate Research (NCUR)
2004- present founding member National Directors of Undergraduate Research Experiences, NDURE

2. Consultancies

I have reviewed biology departments in Missouri and Illinois for the Council of Undergraduate Research
I have reviewed biology departments in West Virginia for the WV Higher Education Policy Commission.

3. Workshops organized

Council of Undergraduate Research, February 2006. Initiating and Sustaining Offices of Undergraduate Research, James Madison University
Project Kaleidoscope, April 2005. Creating a research-rich environment, Hope College
Project Kaleidoscope, October 2004. Ensuring the success of under represented groups in STEM learning environments. Rowan University, NJ

Collaborators and other affiliations

David Brakke, James Madison University
Dwight Dimaculangan, Winthrop University
Brian Helmuth, University of South Carolina- Columbia
Jessica Young, Western State University

Graduate Advisors

Bethia King, Northern Illinois University
Lowell Nicolaus, Northern Illinois University (retired)

Thesis Advisor

Bree Yednock, Coastal Carolina University
Season Klein, Coastal Carolina University