

CARY MOSKOVITZ

University Writing Program
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Current Position

Director, Writing in the Disciplines
Thompson Writing Program
Duke University, Durham, NC

Education

Master of Architecture
Virginia Polytechnic Institute and State University, 1993

PhD, Aerospace Engineering
North Carolina State University, 1989

MS, Aerospace Engineering
North Carolina State University, 1987

BS, Aerospace Engineering
North Carolina State University, 1985

Previous Academic Positions

2004-2005 Associate Director for Writing in the Disciplines
University Writing Program
Duke University, Durham, NC

2001-2004 Mellon Fellow
University Writing Program
Duke University, Durham, NC

1998-2001 Assistant Professor
Department of Math and Computer Science
University of New England, Biddeford, ME

1994-1998 Assistant Professor
Division of Arts and Sciences
Westbrook College, Portland, ME

1989-1990 Research Assistant Professor
Department of Aerospace and Ocean Engineering
Virginia Polytechnic Institute and State University, Blacksburg, VA

Teaching

DUKE

Academic Writing: The Complicated Science of Sunscreen
Academic Writing: Science and the Not-So-Great Outdoors

Academic Writing: Arguing about Diet and Dieting
Academic Writing: Making Difficult Decisions—Biology and Technology in the 21st Century
Academic Writing: The Science behind the Controversy
Academic Writing: Judging Technology
Academic Writing: Automobile Safety—Popular Opinions and Their Scientific Merit
Science, Technology and the Need for an Informed Citizenry

UNIVERSITY OF NEW ENGLAND

Science, Technology and Society
Introduction to American Architecture
Basic Mathematics
Statistics
Quantitative Reasoning

WESTBROOK COLLEGE

Science, Technology and Society
The Individual and Society
Revolutions in Physics (with lab)
Introduction to Architecture
College Algebra
Concepts of Mathematics
Statistics

VIRGINIA TECH

Engineering Mechanics
Architectural Structures Tutorials

Scholarship

COMPOSITION, WRITING ACROSS THE CURRICULUM, AND EDUCATION

Papers

- "Calibrated Peer Review Assignments in Science Courses: Are they designed to promote critical thinking and writing skills?" (with Julie Reynolds). Forthcoming, *Journal of College Science Teaching*, November/December 2008.
- "Insiders and Outsiders: Redrawing the Boundaries of the Writing Program" (with Michael Petit). *Writing Program Administration*, 31.1/2 Fall/Winter 2007.
- "Some Insights into Students' Interpretations of Histograms" (with Susan S. Gray). *FOCUS on Learning Problems in Mathematics*, Vol. 29, No.1, January 2007.
- "Primary Science Communication in the First-Year Writing Course" (with David Kellogg). *College Composition and Communication*, 57.2 (2005): 307-334.

Invited Talks

- "Thinking beyond the 'Lab Report': Undergraduate Lab Courses as Productive Sites for Student Writing." School of Engineering, University of Alabama at Birmingham, Sept 2008.
- "Student Writing in Senior Design Projects." School of Engineering, University of Alabama at Birmingham, Sept 2008.
- "Responding to Student Writing in Health Science Courses." School of Health Sciences, University of Alabama at Birmingham, May 2008.

- “Designing Writing Assignments for Health Science Courses.” School of Health Sciences, University of Alabama at Birmingham, May 2008.
- “Supporting Student Writers in Undergraduate Research Environments.” Virginia Tech, Feb 2008.
- “Alternatives to the ‘Lab Report’: Designing Scientifically Engaging Laboratory Experiences for Undergraduates.” Virginia Tech, Feb 2008.
- “Responding Efficiently and Effectively to Student Writing in Science Courses.” School of Natural Sciences and Mathematics, University of Alabama at Birmingham, Dec 2007
- “Writing Projects for Courses in the Natural Sciences.” .” School of Natural Sciences and Mathematics, University of Alabama at Birmingham, Dec 2007.
- “Supporting Student Writing in STEM Capstone Courses.” Lehigh University, Sept 2007.
- “Providing Feedback for Student Writing in STEM Courses.” Lehigh University, Sept 2007.

Conference Talks

- “High-Tech WAC?: The use (and misuse) of Calibrated Peer Review as a Writing-to-Learn and Learning-to-Write Tool” (with Julie Reynolds). International Writing Across the Curriculum Conference, Austin, Texas, May 2008.
- “Putting Student Writing to Work: The Academic Writing Class as a Research Collective.” Conference on College Composition and Communication, New Orleans, LA, April 2008.
- “Assessing Senior Theses in the Natural and Social Sciences.” (with Julie Reynolds and Robin Smith). North Carolina State Undergraduate Assessment Symposium, Cary, NC, April 2007.
- “Bringing Student Writers into Contact with “Readers-in-the-Field.” Conference on College Composition and Communication, New York, NY, March 2007.
- “Transforming Undergraduate Writing: An Apprenticeship Approach” (with Joe Harris). Transforming the Culture: Undergraduate Education and the Multiple Functions of the Research University, Washington, DC, Nov 2006.
- “Teaching science students to write: Does Calibrated Peer Review help?” (with Julie Reynolds). Second Annual Scholarship of Teaching and Learning Showcase, Raleigh, NC, Sept 2006.
- “WID On and Off Stage: A Comparison of Official and Working Documents in a Mature WID Program.” Conference on College Composition and Communication, San Francisco, CA, March 2005.
- “WAC and WID in the Mathematical and Physical Sciences: Understanding Competing Pedagogical Initiatives.” Writing Program Administrators Conference, Newark, DE, July 2004.
- “Primary Scientific Literature in the First-Year Writing Class: A Call for Equal Treatment” (with David Kellogg). Conference on College Composition and Communication, San Antonio, TX, March 2004.
- “Disciplines in the Writing: Transforming the First-Year Writing Course at Duke” (panelist). Conference on College Composition and Communication, San Antonio, TX, March 2004.

OTHER SCHOLARSHIP

- “A New Device for Controlling the Asymmetric Flowfield on Forebodies at Large Alpha” (with R.M. Hall and F.R. DeJarnette). *Journal of Aircraft*, Vol.28, No.7, July 1991.
- “Experimental investigation of a new device to control the asymmetric flowfield on forebodies at large alpha” (with R. M. Hall and F. R. DeJarnette). AIAA-1990-69.
- “Effects of Nose Bluntness, Roughness and Surface Perturbations on Asymmetric Flow Past Slender Bodies,” *Journal of Aircraft*, Vol. 27, No. 10, October 1990 (with R. M. Hall and F. R. DeJarnette).
- “Effects of Surface Perturbations on the Asymmetric Vortex Flow over a Slender Body” (with R. M. Hall and F. R. DeJarnette). Technical Papers (A89-47626 21-02). Washington, DC, American Institute of Aeronautics and Astronautics, 1989, p. 720-732.
- “Forebody Vortex Management for Yaw Control at High Angles of Attack,” *Journal of Aircraft*, Vol.24, No. 10, April 1987, pp. 248-254 (with D. M. Rao and D. G. Murri).
- “Experimental Investigation of Apex Fence Flaps on Delta Wings,” *Journal of Aircraft*, Vol.23, No.10, October 1986, pp. 789-797 (with R. A. Wahls and R. J. Vess).

WORK IN PROGRESS

- “Putting Student Writing to Work: The Academic Writing Class as a Research Collective”
- “Not in Their Own Words: Textual Borrowing, Textual Recycling and Textual Gifts”
- “Articulating and Communicating WID Program Objectives”
- “Return of the Think Aloud”
- “Expanding the Audience for Student Writing: The Duke Reader Project”

Grants and Awards

- Duke Center for Instructional Technology Jumpstart Grant, 2007-2008.
Award for Excellence in Teaching Writing (Duke University, 2002/2003)

Patents

- U.S. Patent No. 5,050,819: Elliptical Forebody Flow Controller — an active control device to provide directional control for aircraft at large angles of attack.