

# ELLEN MCDANIEL

## CONTACT INFORMATION

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## WORK EXPERIENCE

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**Web and Content Management Coordinator, 2007-present**

**Manager of User Services and Web Coordinator, 1998-2007**

**Communication Specialist, 1991-1994, 1995-1998**

Information Technology and Engineering Computer Services (ITECS)  
College of Engineering, North Carolina State University, Raleigh, NC

**Visiting Associate Professor, 2001-present; Graduate Faculty, 2003-present**

Edward P. Fitts Department of Industrial and Systems Engineering  
North Carolina State University, Raleigh, NC

### *Awards and Recognition*

Profile, “McDaniel Brings Efficiency to Engineering Computer Network”

*<http://www.engr.ncsu.edu/news/innerviews/McDaniel.html>*

**Pride of the Wolfpack Award**, College of Engineering, August 2004.

College of Engineering **EPA Award for Excellence**, May 2001.

**University Award for Outstanding Service to Teaching and Learning**, October 2000.

### *Select Duties*

Author

- *Strategic Plan for the College of Engineering's Web Presence*, 2007, COE Web Design Committee (<http://www.engr.ncsu.edu/webdesign/resources/webstrategy.pdf>).
- *Guide to Eos and Unity Computing at North Carolina State University*, 1991-2007, a campus computing guide and recommended textbook in *E101: Introduction to Engineering and Problem Solving*, *E115: Introduction to Computing Environments*, and First-Year College (<http://www.eos.ncsu.edu/guide>).
- *Proposal for Next-Generation Eos*, 2004, COE Computer Committee planning document on engineering educational computing (<http://www.eos.ncsu.edu/docs/eos2final.pdf>).
- *Reinvesting in Faculty: Acquisition, Upgrade, Replacement and Support of Faculty Computers*, 2003, LITRE Project Initiatives (<http://www.eos.ncsu.edu/docs/facultycomputing.pdf>).

Manager of IT User Services for COE students, faculty and staff, including distance students in Engineering Online programs, and a 40 hr/wk computing help desk.

Webmaster, supervised a full-time web programmer. In charge of the College of Engineering main site at <http://www.engr.ncsu.edu> and computing site, <http://www.eos.ncsu.edu>. Chair, COE Web Design Committee, 2007-present, and COE Web Committee, 1997-present.

Developer, Wolfware (<http://courses.ncsu.edu>) course management system, including communication, design, documentation, faculty/TA education and coordination, and support.

#### ***Recent Presentations***

“Multi-Channel Publishing of XML Content,” UNC College and University System Exchange (CAUSE) Conference 2007, December 5, 2007.

“Content Management: Challenges and Lessons Learned,” panel presentation, UNC College and University System Exchange (CAUSE) Conference 2006, November 7, 2006.

“Consider the Source: Structured Authoring for XML-based Documentation,” UNC College and University System Exchange (CAUSE) Conference 2005, November 9, 2005.

I have given many presentations and workshops across campus on Eos and Unity, web services, Wolfware, special application software, and XML, as well as college presentations at NCSU and College of Engineering Open House and Freshman Orientation. I have also given computer orientations to graduate students in COE departments. I have been a member of several university committees, including DELTA Strategic Learning Management System Implementation Committee on Content, Teaching and Learning with Technology (TLTR), and Learning in a Technology-Rich Environment (LITRE).

#### ***Professional Development:***

Since 2002, I have taken the following workshops for my own professional development:

EPA and SPA Policy Administration, Human Resources, NCSU, March 9, 2005.

Advanced Framemaker and XML, Text Structure, RTP, February 15, 2005.

Managing Enterprise Content, Rockley Group, RTP, January 18-19, 2005.

DITA Darwin Information Typing Architecture, IBM, RTP, September 23-24, 2004.

Cascading Style Sheets, JTP Associates, RTP, September 15, 29, 2004.

Effective Web Sites: Structure, Navigation and Graphics, STC, RTP, January 14, 2004.

Content Management Systems, Mallett, RTP, April 10, June 19, 2003.

XML and Structured Authoring, Scriptorium, RTP, December 12-13, 2002.

#### **Lecturer, 1988-91**

**Department of English, North Carolina State University, Raleigh, NC**

Supervised instructors/TAs teaching computer-assisted technical communication classes.

Taught ENG 331: Communication for Engineering and Technology, and ENG 111, 112: English Composition.

Taught exclusively in a computer classroom using computer-based writing software.

#### **Guest Researcher, 1987-88 and summer 1989**

**Institute of Industrial Engineering and Production Management**

**Technical University of Denmark, Copenhagen, Denmark**

Documentation analyst on a \$2.5 million R&D project in computer-integrated manufacturing and technology transfer. Designed procedures and customized software for technical documentation and instructional materials. Also wrote proposals and reports for a nationwide consortium of manufacturing companies, technical institutes, and government agencies.

**Assistant Professor and member of the Graduate Faculty, 1981-86**  
**Department of English, Texas A&M University, College Station, Texas**

Courses taught: Technical Writing, Modern British Drama (graduate), Modern Drama, Approaches to Literacy, British Literature Survey, Introduction to Literature, Composition.

- Coordinator, Writing Specialization Certificate Program  
Managed program that awarded an undergraduate certificate in technical and business writing. Advised and directed students in individual courses of study.
- Chair, Department of English Computing Committee  
Acquired through grants from Texas Instruments the English department's first computers for teaching and administration.
- Chair, College of Liberal Arts Self-Study Committee on Computer Services
- Member, Academic and Research Computing Task Force  
Reported to the Texas A&M Vice-President for Academic Affairs and created a five-year plan for campus computing.
- Co-designer and developer of Control Data Corporation (CDC) PLATO Statics Course. Responsible for screen interface design, project reports, and documentation for a PLATO Lower-Division Course (LDEC) in Engineering Statics. Coordinated the review of all courseware materials by the CDC Editorial Review Board.
- Faculty advisor, English Graduate Students Association
- Program Advisor, Undergraduate Fellows  
Guided undergraduate honors students in individual research projects.
- Developed English 201: Approaches to Literacy. Developed and taught this required course for English Education majors.
- Acquired and managed the American Film Theater Series for Texas A&M graduate and undergraduate courses in drama, also open to the public.
- Workshop Instructor, Texas A&M University  
*Effective Written Communication: A Workshop for Engineering and Business Personnel*, sponsored by the Texas Society of Professional Engineers and the International Association of Business Communicators.  
*Writing for Publication*, TAMU College of Veterinary Medicine.

**Technical Writer and Editor, 1980-81**  
**Cyclotron Institute, Texas A&M University, College Station, Texas**

Wrote and edited proposals, progress reports, technical reports, and articles for publication for the director and the Institute's physicists, research scientists, and computer staff.

**Visiting Assistant Professor, 1979-81**  
**Department of English, Texas A&M University, College Station, Texas**

Courses taught: Technical Writing, Introduction to Literature, Composition.

**Purdue Research Foundation Fellow, Purdue University, 1977-79**

This fellowship supported my dissertation research on contemporary narrative, reader response, and game theory, including a travel grant to England.

**Teaching Assistant, 1972-77**

**Department of English, Purdue University, West Lafayette, Indiana**

Courses taught: Technical Writing, Critical Reading, Vocabulary Building, Composition.

**Staff, Office of Writing Review**

**Purdue University, West Lafayette, Indiana**

Administered and graded Graduate English Proficiency Exams given to incoming Purdue University graduate students based on GRE and TOEFL scores.

**Secondary School Teacher, Pampa High School, Pampa, Texas, 1971-72**

Taught senior Honors English Literature and junior-level remedial reading and writing.

**EDUCATION**

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Ph.D, English, 1979, Purdue University	West Lafayette, Indiana
M.A., English, 1974, Purdue University	West Lafayette, Indiana
B.A., English, History minor, 1971, Texas Tech University	Lubbock, Texas

**PUBLICATIONS**

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McDaniel, Ellen. *Guide to Eos and Unity Computing: Unix, Windows and Linux*. Tavenner, 2001-2011.  
McDaniel, Ellen. *Guide to Eos and Unity Computing: Unix, NT, and Linux*. Copytron, 2000.  
McDaniel, Ellen. *Guide to Eos and Unity Computing: Unix and NT*. Copytron, 1998-99.  
McDaniel, Ellen. *Guide to Eos and Unity Computing*. Kendall-Hunt, 1996-97.  
McDaniel, Ellen. *Guide to the Eos Computing Environment, Second Edition*. Kendall-Hunt, 1994.  
McDaniel, Ellen. *Guide to the Eos Computing Environment*. McGraw-Hill, 1993.  
McDaniel, Ellen. *Eos: An Introduction*. 2 vols. Engineering Computer Operations, 1991, 1992.

McDaniel, Ellen, Young, Robert E., and Vesterager, Johan. "Document-Driven Management of Knowledge and Technology Transfer: Denmark's CIM/GEMS Project in Computer-Integrated Manufacturing, Part 2," *IEEE Transactions on Professional Communication* PC35, no. 2 (1992): 71-83.

McDaniel, Ellen, Young, Robert E., Vesterager, Johan, et al. "Document-Driven Management of Knowledge and Technology Transfer: Denmark's CIM/GEMS Project in Computer-

Integrated Manufacturing, Part 1," *IEEE Transactions on Professional Communication* PC34, no. 2 (1991): 83-93.

McDaniel, Ellen. "Assessing the Professional Role of the English Department Computer Person." In *Computers and Writing: Theory, Research, Practice*, eds. Deborah H. Holdstein and Cynthia L. Selfe, Modern Language Association, 1990: 84-94.

McDaniel, Ellen. "Bibliography of Text-Analysis and Writing-Instruction Software." *Journal of Advanced Composition* 7, no. 1 (1987): 139-170.

McDaniel, Ellen. "Fowles as Collector: The Failed Artists of *The Ebony Tower*." *Papers on Language and Literature* 23, no. 1 (1987): 70-83.

McDaniel, Ellen. "A Comparative Study of First-Generation Invention Software." *Computers and Composition* 3, no. 3 (1986): 7-21.

McDaniel, Ellen. "Software for Writing Instruction and Text Analysis." *Research in Word Processing Newsletter* 3, no. 9 (1985): 7-13.

McDaniel, Ellen. "Using Computers to Write about Computers and Writing: A Lesson in Comparative Literacies." In *Computers and Composition: Selected Papers from the Conference on Computers in Writing: New Directions in Teaching and Research, University of Minnesota, April 1984*, eds. Lillian Bridwell, Kathleen Kiefer, Donald Ross, and Cynthia Selfe, special issue of *Computers and Composition*, 1985: 213-31.

McDaniel, Ellen. "Bibliography of Text-Analysis and Writing-Instruction Software." *Temple University Working Papers in Composition*, manuscript 014 (1985): 1-26.

McDaniel, Ellen. "Anthony Burgess' End-of-the-World Triptych." *Notes on Contemporary Literature* 15, no. 5 (1985): 78.

McDaniel, Ellen. "Games and Godgames in *The Magus* and *The French Lieutenant's Woman*." *Modern Fiction Studies* 31, no. 1 (1985): 31-42.

McDaniel, Ellen. "The Realities of Computer-Based Engineering Education: Designing a PLATO Statics Course." *Engineering Education* 75, no. 5 (1985): 285-87.

McDaniel, Ellen. "Quiet Heroism in *Life & Times of Michael K*." *Notes on Contemporary Literature* 15, no. 1 (1985): 11-12.

McDaniel, Ellen, and Burchard, Gina M. "Guidelines for CBE Designers: Courseware Development at Texas A&M University." *Proceedings of the 1985 College and Industry Education Conference*, American Society of Engineering Education, eds. Lawrence P. Grayson and Joseph M. Biedenbach, San Diego, February 18, 1985: 28-35.

McDaniel, Ellen, and Bailey, Guy. "Research in Human-Computer Communication." *Computers and Composition* 1, no. 3 (1984): 10-11.

McDaniel, Ellen, and Burchard, Gina. "Courseware Development: An Interdisciplinary Venture at Texas A&M University." *Computers and Composition* 1, no. 3 (1984): 11-12.

McDaniel, Ellen. "John Fowles' Sense of an Ending." *Notes on Contemporary Literature* 13, no. 5 (1983): 67.

McDaniel, Ellen, and Gong, Gwendolyn. "Interpreting Technology: Robots and Personification." *1982 IEEE Professional Communication Society Conference Record*, New York: The Institute of Electrical and Electronics Engineers, Inc. (1982): 115-19.

McDaniel, Ellen, and Gong, Gwendolyn. "The Language of Robotics: Use and Abuse of Personification." *IEEE Transactions on Professional Communication* PC25, no. 4 (1982): 178-81.

McDaniel, Ellen. "The Magus: Fowles' Tarot Quest." *Journal of Modern Literature* 8, no. 2 (1981): 247-60.

**Academic Conference Papers:** A list of 25+ papers is available on request. These papers generally cover topics related to my publications and were given at regional and national conferences of the Modern Language Association, IEEE Professional Communication Society, College Composition and Communication, Alliance for Computers and Writing, American Association of Engineering Education, and UNC National College and University System Exchange (CAUSE).

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## PERSONAL

Born and raised in Pampa, Texas. Lived in Raleigh since 1988. Interests include travel, literature, the outdoors, and what my children are doing: Nathan, a 2004 UNC-Chapel Hill graduate in business and Slavic linguistics, and MacField, a 2006 graduate of the Georgia Institute of Technology in mechanical engineering. Married to Robert E. Young, professor of industrial engineering at NCSU.