

Curriculum Vitae

Mary C. Bucy

Assoc. Professor, Education

1. Academic Degrees

- 2003 Oregon State University, Ph.D. Education
Dissertation: *Online Classes: The Student Experience*
- 1997 Western Oregon University, M.S. Education, Information Technology
Thesis: *An exploratory study of visual communication instruction for eighth-grade students.*
- 1977 Oregon State University, B.S. (Honors) Resource Recreation Management

2. Professional Experience

- 2007-present Assoc. Professor, College of Education, Western Oregon University
- 2003-2007 Asst. Professor, College of Education, Western Oregon University
- 1998-2003 Instructor, College of Education, Western Oregon University
- 1998-2000 Fairbanks and Wasilla, Alaska (2-week summer sessions)
3-credit courses for Public School Teachers pursuing Master's degrees
"Emerging Technologies" and "Instructional Design" (WOU)
- 1996-1998 Library Media Specialist, Corvallis High School, Corvallis, Oregon
- 1984-1996 Interpretive Planner / Communication Specialist, BUCY Associates,
Corvallis, Oregon

3. Faculty Load for Current Year: 2013

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|-------------|-------------------------------|---|
| 2013 Spring | | <i>Sabbatical leave</i> |
| 2013 Summer | CSE 612
CSE 690
CSE 698 | Media Literacy
Digital Photography and Photo Editing
Photoshop |
| 2013 Fall | CSE 627
CSE 616 | Web 2.0 Tools for Teaching and Learning
Designing and Teaching Online Courses
<i>3-credit program coordination buyout</i> |
| 2014 Winter | Lib 686
CSE 615
CSE 604 | Emerging Technologies
Designing Information
Portfolio |

Courses taught in previous years:

Ed 526M	Instructional Design
Ed 634	Qualitative Research Methods in Education
Ed 421	Technology Integration
Ed 422	Technology Integration II
Ed 423	Technology Integration III
Ed 496	Student Teacher Seminar
CSE 603	Professional Projects 1
CSE 603	Professional Projects 2
CSE 619	Big Thinkers in Educational Technology
CSE 624	Internet for Educators
CSE 625	Creating an Internet Website
CSE 660	Video Production 1
CSE 410/510	Computers in Education
CSE 440/540	Computer-based Lesson Design
CSE 430/530	Desktop Publishing and Presentations
CSE 426/526	Computers as a Management Tool
Ed 569M	Pedagogy Content: Technology

4. Other Collegiate Assignments

Coordinator, MEd Information Technology program, College of Education (2008-present)
Chair, Steering Committee, Division of Teacher Education, COE (2013-present)
Division Representative, new Ed building committee, DTE, COE (2013-present)
Member, Graduate Studies Committee, Western Oregon University (2006-07; 2010-present)
Member, Graduate Petitions Committee (2011-present)
Member, Graduate Marketing Committee (2010-present)
Member, Online Education Advisory Committee, Western Oregon University (2011-present)
Chair, Educational Technology Tenure Track Faculty Search, COE (2010-2011)
Chair, Graduate Studies Committee, Western Oregon University (2007-2010)
Chair, Online Learning Task Force, Western Oregon University (2008-2011)
Member, Faculty Senate, Western Oregon University (2004-07)
Member, Faculty Senate Executive Committee, Western Oregon University (2005-07)
Chair, Student Grievances Committee, Western Oregon University (2001-06)
Member, International Student Supporting Committee, Western Oregon Univ. (2007-2009)
Member, Service-Learning Advisory Board, Western Oregon University (2004-05)
Member, Honors Committee, Western Oregon University (2005-06)
Freshman Academy Mentor, Western Oregon University (2005)
Advisor, Camp Adventure Club, Western Oregon University (2005-06)
Chair, Personnel Review Committee, College of Education (2008-2010)
Member, Personnel Review Committee, Division of Teacher Education, COE (2007-2008)
Coordinator, Masters of Science in Education program, College of Education (2006-2010)
Coordinator, MEd Information Technology International Program, COE (2006-2009)
Chair, Reading/Literacy Tenure Track Faculty Search Committee, College of Ed (2005)
Member, NCATE Standard 6 Working Group, College of Education (2005-06)
Member, Search Committee, DTE position, Division of Teacher Education, College of Ed (2006)
Member, Steering Committee, Division of Teacher Education, College of Ed (2006-present)
Member, Curriculum Committee, Division of Teacher Education, College of Ed (2004-07)
Member, Admissions Committee, Division of Teacher Education, College of Ed (2001-07)
Member, MEd Admissions work group, College of Ed (2006)
Member, MEd Education Core Revision Committee, College of Education (2007-08)

New Faculty Mentor, Division of Teacher Education, College of Education (2005-06)
Education Liaison with Library services (2003-06)
Member, Dispositions Committee, College of Education (2004-2005)
Member, Data Management Committee, College of Education (2004)
Member, Follow-up Studies Committee, College of Education (2004)
Chair, COE Technology Committee (2003-04)
Member, Instruction and Outreach Librarian Search Committee (2008)
Member, Instruction and Outreach Librarian Search Committee (2004)
Member, Information Competencies Committee, Center for Teaching and Learning (2003-04)

5. Current Professional and Academic Association Memberships

Advisory Board Member, Oregon Academic technology Society (OAtS)
ESRI T3G Educator (Teachers Teaching Teachers GIS)
Member of the International Society for Technology in Education (ISTE)
Member of the National Association for Interpretation (NAI)

6. Professional Publications

Bucy, M. (2013). Engaging students: Lessons from the leisure industry. *Hybrid Pedagogy*.
<http://www.hybridpedagogy.com/Journal/files/category-online-learning.html>

Bucy, M. (2012). New media for interpretation. *Legacy*. 23(2), 12-15.

Bucy, M.C. (2006). Encouraging critical thinking through expert panel discussions. *College Teaching*. 54(2), 222-224.

Schepige, A. & Bucy, M. (2006). *Community Mapping at Western Oregon University*. In Technology in the college classroom: Teacher education. Girod, M. & Steed, J. (Eds.). New Forums Press.

Bucy, M.C. (2005). Media as metaphor. *GLIMPSE: Conference Proceedings*, 7. The Society for Phenomenology and Media, San Diego, CA.

Bucy, M. & Engle, R. (2002). Curriculum alignment of undergraduate teacher education program with ISTE (NETS) standards. *Faculty Forum: WOU PT3 Newsletter*. Spring.

Selected publications completed under contract:

Bucy, D. and M. Bucy. 2005. Interpretive, Education, and Outreach Plan for the Hatchery Research Center. Newport, Oregon. For ODF&W.

Bucy, D. and M. Bucy. 1998. Interpretive Plan for the Arctic Visitor Center at Coldfoot, Alaska. For Bureau of Land Management.

Bucy, D. and Bucy, M. 1997. Interpretive Master Plan for Collier State Park. For Oregon Dept. of Parks and Recreation.

- Bucy, D. and Bucy, M. 1996. Interpretive Master Plan for Portage Valley, Alaska. For USDA Forest Service.
- Bucy, M. 1996. Designing Interpretive Signs and Brochures. Manual for Interpretive Design workshop participants.
- Bucy, D. and Bucy, M. 1995. Interpretive Master Plan for Juneau Wetlands, for Alaska Dept. of Game and Fish.
- Bucy, D. and Bucy, M. 1995. Interpretive Plans for Five Theme Areas in the Shasta-Trinity National Forest.
- Bucy, D. and Bucy, M. 1994. Interpretive Master Plan for the Talimena Scenic Byway and Winding Stair NRA. For USDA Forest Service (Arkansas).
- Bucy, D. and Bucy, M. 1993. Interpretive Master Plan for the Shasta-Trinity National Recreation Area. For USDA Forest Service.
- Bucy, D. and Bucy, M. 1992. Interpretive Master Plan for the Rogue-Umpqua Scenic Byway. For USDA Forest Service.
- Bucy, D. and Bucy, M. 1992. Interpretive Master Plan for Creamer's Field Migratory Waterfowl Refuge. For Alaska Dept. of Game and Fish.
- Bucy, D. and Bucy, M. 1992. Natural Resources Survey and Interpretive Assessment for the Tillamook State Forest. For Oregon Dept. of Parks and Recreation.
- Bucy, D. and Bucy, M. 1991. Interpretive Master Plan for Mission Mill Museum. 162 pp. For Mission Mill Village.
- Bucy, D. and Bucy, M. 1989. Interpretive Master Plan for the Island of Lanai, Hawaii. 252 pp. For Lanai Archaeological Committee.
- Bucy, D. 1987. The Guide to Cape Perpetua. Illustrated by Mary Bucy. 74 pp. Northwest Natureworks, Corvallis, Oregon.
- Bucy, D. and M. McCauley. 1977. A Hiker's Guide to the Oregon Coast Trail. 150 pp. Oregon Department of Transportation.

7. Professional Presentations

- Bucy, M. & Donaldson, J. "An Experiment in Authorship Learning." Presentation for the WICHE Collaborative for Educational Technologies (WCET) Annual Conference, Denver, CO. Nov. 13-16, 2013
- Bucy, M. "Story Maps in the Classroom." Presentation for the Center for Geography Education in Oregon Annual Conference, Portland State University, Portland, OR. Oct. 19, 2013.

Bucy, M. "Digital Storytelling." Presentation for the Nenana School District Spring In-service, Nenana School District, Nenana, AK. May 3, 2013.

Bucy, M. "Digital Storytelling." Presentation for the First Annual Conference for Projects SPELL and LUISA, Western Oregon University, April 5, 2013.

Bucy, M. "Technology in the ESOL classroom." Presentation for ESOL class as part of the Sustainable Practices for English Language Learners (SPELL) program. Salem-Keizer Instructional Services, Salem, OR. March 11, 2013.

Bucy, M. "Technology in the ESOL classroom." Presentation for ESOL class as part of the Sustainable Practices for English Language Learners (SPELL) program. Woodburn School District Office, Woodburn, OR. February 12, 2013.

Bucy, M. "Reaching the New World with New Media." Presentation for the National Association for Interpretation (NAI) annual workshop, Hampton, VA. November 14, 2012

Bucy, M. "Project-based learning." Professional development seminar in the Nenana School District, Nenana, AK. November 12, 2012

Bucy, M. "Traveling the world with GoogleEarth" presentation at the Oregon Geographic Alliance (OGA) Annual Conference. Western Oregon University, Monmouth, Oregon. October 20, 2012

Bucy, M. "Technology in the ESOL classroom." Presentation for ESOL class as part of the Sustainable Practices for English Language Learners (SPELL) program. Miller Elementary School, Salem, OR. June 13, 2012.

Bucy D. & Bucy M. "Interpretive Planning," Workshop for Kenai National Wildlife Refuge personnel, Soldotna, Alaska, May 7-8, 2012.

Bucy, M. "Interpreting with new media." National Association for Interpretation (NAI) Region 10 Spring Workshop, Bonneville Dam, OR, April 18, 2012

Bucy, M., Stonecipher, L., LeRoy, J. "Technology and teaching in remote locations." Hawaii International Conference on Education, Honolulu, HI, January 6, 2012

Bucy, M. "Using new media for interpretation." Multi-agency workshop, Fairbanks, Alaska. July 26, 2011

Bucy, M. "Using new media for interpretation." Multi-agency workshop, Anchorage, Alaska. July 22, 2011

Bucy, M. "Using new media for interpretation." Webcast for the National Heritage Areas, National Park Service. National Park Service. May 18, 2011.

Bucy, M., Smith, A., & Donaldson, J. "Moodle and Beyond" presentation at the joint Northwest and Southwest Associations for Language Learning and Technology (NWALLT/SWALLT) conference at Reed College, Portland, Oregon. October 15, 2010.

- Bucy M. (moderator), Bowen, E. & Gering, C. "Are we in the right sandbox?" presentation at Western Cooperative on Educational Telecommunications (WCET) annual conference. Denver, Colorado. October 22-24, 2009.
- Bucy, M. & Rice, G. "Who's truth? Maps, images, and media" presentation at the National Association for Multicultural Education (NAME) 2009 Regional Conference. Salem, Oregon. May 16, 2009.
- Bucy, D & Bucy, M. "If interpretive plans just plan interpretation, they will fail" presentation at the National Interpreters Workshop, the annual conference for the National Association for Interpretation. Portland, Oregon. November 12-15, 2008.
- Bucy, M., Stonecipher, L. & Bucy, D. "Reframing questions: Transforming questions for the global classroom" presentation at Improving University Teaching (IUT) 33rd Annual Conference. Glasgow, Scotland. July 29-Aug. 1, 2008.
- Bucy, M. (moderator), Johnston, M. & Mundy, S. "Design for student success: Blended learning can offer the best of both worlds" presentation at Western Cooperative on Educational Telecommunications (WCET) annual conference. Atlanta, Georgia. November, 7-10, 2007.
- Bucy, M. "Education in the United States" presentation at Liaoning Normal University, Dalian, China, September 12, 2007.
- Bucy, M. "Education in the United States" presentation at Shenyeng Normal University, Shenyeng, China, September 11, 2007.
- Bucy, M. & Goldsmith, D. "What do we know and how do we know it?" presentation at Western Cooperative on Educational Telecommunications (WCET) annual conference. Portland, Oregon. November 1-4, 2006.
- Bucy, M. & Goldsmith, D. "What makes an online student successful? Research and Remedies." WCET Professional Development Webcast. September 20, 2006.
- Bucy, M. "Reducing non-value-adding work in online classes," presentation at the International Conference on College Teaching and Learning. Jacksonville, Florida. April 10-14, 2006.
- Bucy, M. "Service-learning collaborations and educational technology," presentation at the International Conference on College Teaching and Learning. Jacksonville, Florida. April 10-14, 2006.
- Bucy, M & Rice, G.(2006). Telling the truth: Maps, myths, and realities. Keynote Lecture, Oregon Geographic Alliance Spring Conference, Portland State University, Portland, OR
- Bucy, M. "Media as metaphor," presentation at Media and Education annual conference, sponsored by The Society for Phenomenology and Media. Cannon Beach, Oregon. May 12-14, 2005
- Bucy, M. "Service-learning: Connecting schools with interpretive centers and environmental education programs," presentation at the National Interpreter's Workshop. Grand Rapids, Michigan. November, 2004.

Bucy, M. "Bringing stories to life: telling the Lewis and Clark Story," invited presentation at Oregon Geographic Alliance's summer geography symposium, Portland, Oregon. July, 2004

Bucy, M. "Increasing motivation in the online environment," presentation at AERA National Meeting; San Diego, California. April, 2004.

Bucy, M. "Online classes: the student experience," guest presentation in Preparing Teacher Leaders class. Oregon State University, Corvallis, Oregon. January, 2004

Bucy, M. "Service-learning: an approach to making connections between schools and your center," presentation at the Mary's Peak Interpretive Center goal-setting meeting; November 16, 2003, Philomath, Oregon.

Rice, G. and Bucy, M. "Bringing History to Life: Telling the Big Story through Local History Projects," workshop session at Linn-Benton ESD US History Grant Workshop; Albany, Oregon, August, 2003.

Bucy, M. "Orientation in Online Classes: What the Students Tell Us," presentation at The Learning Conference; London, England, July, 2003.

Stonecipher L. and Bucy, M. "Problem-based Service Learning in a Preservice Teacher Education Program," presentation at the Learning Conference, London, England, July 2003.

Bucy, M. "Expectancy-value theory in online education: Implications for design," presentation at the International Conference on College Teaching and Learning, Jacksonville, Florida, April 2003.

Stonecipher, L. and Bucy, M. "Preparing tomorrow's teachers to use technology (PT3) project: Innovation and application," presentation at the Hawaii International Conference on Education, Honolulu, Hawaii, January, 2003.

Bucy, M. and Stonecipher, L. "Problem based service learning for preservice teacher education programs, presentation at the Hawaii International Conference on Education, Honolulu, Hawaii. January, 2003.

Bucy, M., Own, M., Rice, G., Thompson, S. Ulveland, D. and Wood, S. "Sharing accountability for preparing teachers: Teaming, integration and modeling," presentation at the annual meeting of the AACTE, Chicago, Illinois. February 2000.

2-day Information Design workshops (instructor)

June 1996 Design for Success: designing successful signs and brochures (Portland, OR)
March 1996 Design for Success: designing successful signs and brochures (Newport, OR)
May 1995 Exhibit Design (Kauai, Hawaii)
April 1995 Exhibit Design (Atlanta, Georgia)

2 or 3-day Communication Planning Workshops (co-presenter):

September 2012 Interpretive Planning (Lahaina, Hawaii)
July 2011 Communication Planning (Fairbanks, Alaska)

July	2011	Communication Planning (Anchorage, Alaska)
January	2008	Positioning Hilo as a Heritage and Arts Destination (Hilo, Hawaii)
August	2006	Interpretive Planning and Design workshop (Cannon Beach, Oregon)
November	2005	Interpretive and Marketing Planning and Design (Kona, Hawaii)
March	2005	Sign Planning and Design (Hilo, Hawaii)
June	2001	Interpretive Planning and Design (Escalante, Utah)
April	2001	Heritage Corridor Interpretive Planning (Moses Lake, Washington)
May	1997	Sustainable Tourism Planning (Astoria, Oregon)
Dec	1996	Interpretive Planning (Roseburg, OR)
Nov	1996	Interpretive Planning (Eugene, Oregon)
March	1995	Interpretive Planning (Kauai, Hawaii)
April	1995	Interpretive Planning (Atlanta, Georgia)
Jan	1995	Interpretive Planning (Bend, Oregon)
Nov	1994	Interpretive Planning (Portland, Oregon)
May	1992	Interpretive Planning (Salem, Oregon)
March	1992	Interpretive Planning (Redding, California)
Feb	1992	Interpretive Planning (Anchorage, Alaska)
Nov	1991	Interpretive Planning (Yosemite, California)
May	1991	Interpretive Planning (Portland, Oregon)
April	1991	Interpretive Planning (Fairbanks, Alaska)
March	1991	Interpretive Planning (Maui, Hawaii)
May	1990	Interpretive Planning (Salem, Oregon)
March	1990	Interpretive Planning (Hood River, Oregon)
March	1990	Interpretive Planning (Newport, Oregon)
March	1989	Communicating with Visitors (Hilo, Hawaii)
March	1989	Communicating with Visitors (Oahu, Hawaii)
July	1989	Communicating with Visitors (Oahu, Hawaii)

8. Research

Authorship Learning

Conducting interviews and analyzing online collaboration with the eight students who recently wrote and authored a book about MOOCs for their *Big Thinkers* class. We are trying to better understand the benefits of "Authorship Learning."

MSEd Information Technology Graduates in the workplace

Conducting interviews and site observations with MSEd InfoTech graduates in their workplaces to better understand how the skills we teach in the program align with needs in the workplace.

Technology Use in Saudi Arabia vs. the U.S.

Working with Hind Alghanmi, a graduate of the MSEd InfoTech program and Assistant Professor of Education at Al Baha University in Saudi Arabia to better understand technology use, both socially and in education, by students in our two cultures. We will be surveying and interviewing students in our respective universities, looking for differences and similarities and evaluating ways we might inform one another.

Technology and Teaching in Remote Locations (2011-2012)

Conducted site visits and interviews with teachers in remote schools in Alaska in order to determine how remoteness influences teachers' ability to instruct students in remote locations and how technology can alleviate issues raised by remoteness.

Educational Technology Oregon Principals Survey (2012)

Surveyed principals to better understand the educational technology environment in K12 schools where WOU Education students work and do their student teaching. Data has been analyzed and is being used to improve educational technology coursework in the College of Education, identify strengths and weaknesses in the educational technology coursework provided for undergraduate education majors, and better understand the market for graduates of this MEd Information Technology degree program.

MEd Information Technology Graduate Survey (2012)

Surveyed all graduates of the redesigned MEd Information Technology to determine the effectiveness of the design and delivery of the program. This will be an ongoing project, with surveys conducted every two years.

Cultural differences in perceptions of plagiarism (2008)

Surveyed WOU faculty, non-international graduate students, and international graduate students to determine how they define plagiarism and to examine differences between their beliefs and their behaviors. Results from this study were used to design a process for proactively addressing plagiarism issues in the MEd Information Technology program. Preliminary results were presented in Glasgow, Scotland at the Improving University Teaching conference, July 2008.

Professional development in technology integration: needs of Oregon K-12 educators (2008)

Surveyed Oregon teachers, and interviewing district technology specialists to determine educational needs and interest in a Master's degree program. Results were used to design a revised MEd Information Technology degree program.

Technology integration study (2006-7)

Collected surveys from students in the WOU undergraduate teacher education program to determine whether they are incorporating technology into their work samples, and if so, how.

Graphic organizer study (2006-7)

Does the tool for creating a graphic organizer influence the structure depicted in a systematic way? Compared graphic organizers created by hand versus those created using Inspiration.

"Students as Teachers: Service-learning collaborations between schools and museums or visitor facilities." (2004-5).

Collected case-stories of service-learning projects where students conduct research and create interpretive materials to educate the public about our natural and cultural heritage. These projects could involve collaboration with a museum, visitor center, aquarium, national park – any organization that provides educational information to the public – and can involve researching and designing signs or exhibits, signed nature trails, educational brochures, guided walks, traveling exhibits, educational websites, special educational events, or any number of other educational products.

“Survey of Technology Use in Public Schools in the Willamette Valley, Oregon.” (2004-5)
Includes a survey of all principals in schools where WOU student teachers are mentored to determine how technology is used in the schools. Follow-up interviews with individual teachers to document best practices.

“Online classes: the student experience.” (2003)
Qualitative study of student perceptions of the effort and benefits involved in an online learning experience, and the implications for improving design of online courses.