

JULIE DYKE FORD
Professor, Technical Communication
Mechanical Engineering Department
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EDUCATION

- Ph.D. in Rhetoric and Professional Communication** 2001 New Mexico State University
Dissertation: *Knowledge Transfer Across Disciplines: Tracking Rhetorical Strategies from a Technical Communication Classroom to an Engineering Classroom* Directed by Stephen A. Bernhardt
- M.A. in English**
Emphasis: Technical Writing/Rhetoric and Composition 1998 University of North Carolina at Charlotte
- B.A. in English** 1995 Elon University

AWARDS

- Distinguished College of Arts and Sciences Alumni Award, Elon University, 2015
Graduate Student Association Faculty Appreciation Award, New Mexico Tech, 2015
Sphar Outstanding Female Graduate Student in English Award, New Mexico State University, 2000
Mike Watts Leadership Award, New Mexico State University Graduate School, 2000
Society for Technical Communication, Graduate Scholarship, 1999-2000
Graduate Assistant of the Year, University of North Carolina at Charlotte, 1998

PEER-REVIEWED PUBLICATIONS

- “Transitioning from capstone design courses to workplaces: A study of new engineers’ first three months.” *International Journal of Engineering Education*. Accepted for publication.
- “Launching for success: a review of team formation for capstone design.” *International Journal of Engineering Education*. Accepted for publication.
- “Going Rogue: How I Became a Communication Specialist in an Engineering Department.” *Technical Communication Quarterly*. October 2018.
- “Abstract Analysis and Revision Assignment (Using MS Word Readability Statistics).” *Prompt Journal*. February 2018
- “Enhancing the Connection to Undergraduate Engineering Students: A Hands-on and Team-Based Approach to Fluid Mechanics.” *Journal of STEM Education: Innovations and Research*. With Tie Wei. May-July 2015.
- “Learning Beyond the Classroom and Textbook: Workplace Enculturation via Technical Communication Client Projects and Internships.” *IEEE Transactions on Professional Communication*. With Elisabeth Kramer-Simpson and Julianne Newmark. June 2015.
- “Quad Charts in the Classroom to Reinforce Technical Communication Fundamentals.” *Journal of Technical Writing and Communication*. With Tie Wei. July 2015.
- “Creating a Culture of Communication: A Graduate-Level STEM Communication Fellows Program at a Science and Engineering University,” *Across the Disciplines: A Journal of Language, Learning, and Academic Writing*. With Steve Simpson, Rebecca Clemens, and Drea Rae Killingsworth. July 2015.
*The same chapter to be reprinted in *Graduate Writing Across Disciplines: Identifying, Teaching, and Supporting*. Fort Collins, CO: The WAC Clearinghouse.
- “Introduction to Special Issue on International Engineering Communication.” With Marie Parette. Fall 2013. *connexions journal*. *An article from this issue was awarded the CCCC 2015 best article on Pedagogy or Curriculum in Technical or Scientific Communication.
- “An Academic Ejournal as TC Client Project: Enculturation, Production, and Assessment.” With Julianne Newmark. November 2012. *Technical Communication*.

“Integrating Communication into Engineering Curricula: An Interdisciplinary Approach to Facilitating Transfer at New Mexico Institute of Mining and Technology.” Summer 2012. *Composition Forum*.

“The Evolution of a Technical Communication Senior Thesis Project.” With Jessica Behles. Spring 2012. *Perspectives on Undergraduate Research and Mentoring*.

“Emphasizing Research (Further) in Undergraduate Technical Communication Curricula: Involving Undergraduate Students with an Academic Journal’s Publication and Management” With Julianne Newmark. Summer 2011. *Journal of Technical Writing and Communication*

“Building the Research Group at New Mexico Tech: Increasing Visibility of the Technical Communication Program. With Clinton R. Lanier. March 2011. *Programmatic Perspectives*

“The Two-Semester Thesis Model: Emphasizing Research in Undergraduate Technical Communication.” With Jennifer Bracken and Greg Wilson. Fall 2009. *Journal of Technical Writing and Communication*. *nominated for an NCTE award

“The role of Front-line Management in Anti-unionization Employee communication: America West Airlines vs. the Teamsters Union.” With Lorelei Ortiz. Summer 2009. *Journal of Communication Management*.

“The Convergence of Technical Communication and Information Architecture (Part II): Creating Single-Source Objects for Contemporary Media.” With Richard K. Mott. August 2007. *Technical Communication*.

“The Convergence of Technical Communication and Information Architecture: Managing Single-Source Objects for Contemporary Media.” With Richard K. Mott. February 2007. *Technical Communication*.

“Choose Sunwest: One Airline’s Organizational Communication Strategies in a Campaign Against the Teamsters Union.” With Lorelei Ortiz. 2007. *Journal of Technical Writing and Communication*.

“The Right Answer is Communication When Capstone Engineering Courses Drive the Questions.” With Scott Teare. *Journal of STEM Education: Innovations and Research*. July-December 2006

“Teaching the Role of Language in Managing Organizational Change: The Sunwest Anti-Union Campaign Case.” With Lorelei Ortiz. *IEEE Transactions on Professional Communication*. June 2006

“Student Perceptions of Communication: Undergraduate Engineers’ Views of Writing and Speaking in the Classroom and Workplace.” *Journal of STEM Education: Innovations and Research*. Jan.-Jun. 2006

“Knowledge Transfer Across Disciplines: Tracking Rhetorical Strategies from a Technical Communication Classroom to an Engineering Classroom.” *IEEE Transactions on Professional Communication*. Dec.2004

"From Medical Writer to Communication Specialist: Expanding Roles and Contributions in Pharmaceutical Organizations." With S.A. Bernhardt and G. C. Cuppan. *American Medical Writers Association*. June 2004

“Integrating Communication and Engineering Curricula: A Look at Curricula, Courses, and Support Systems.” With Linda Riley. *Journal of Engineering Education*. October 2003

“Like Pulling Teeth or Pain-Free?: Complexities in Collaboration in a Business Communication Course.” *Association for Business Communication Conference Proceedings*. Oct. 2003

“The Big Chill: A Conversation with Seven Professionals Ten Years After They Graduated with Master’s Degrees in Technical Communication.” With Greg Wilson. *Technical Communication*. May 2003

*Also reprinted in *How to Conduct and Evaluate Research in Technical Communication*, authored by Mike Hughes and George Hayhoe, published 2008 by Lawrence Erlbaum Associates.

“Blurring Boundaries Between Technical Communication and Engineering: Challenges of a Multidisciplinary Client-Based Pedagogy.” With Patricia Wojahn, Linda Riley, Stuart Brown, and Edward Hensel. *Technical Communication Quarterly*. Spring 2001

“Getting Dissed: Technical Communicators in Multidisciplinary Engineering Teams.” With Patricia Wojahn. *IEEE Transactions on Professional Communication. Conference Proceedings*. Sept. 2000

TEACHING EXPERIENCE

Academic Positions

Professor, Mechanical Engineering Department, New Mexico Institute of Mining and Technology, Socorro, NM. Summer 2013-present

*Develop and teach graduate and undergraduate communication courses. Coordinate junior/senior design clinic (20+ client-based projects involving over 130 students). Evaluate communication modules for junior and senior design clinic teams. Advise undergraduate majors. Engage in departmental service activities.

Associate Professor, Mechanical Engineering Department, New Mexico Institute of Mining and Technology, Socorro NM. Fall 2011-Spring 2013.

Developed and taught graduate and undergraduate communication courses. Evaluated communication modules and evaluated communication outcomes for junior and senior design clinic teams. Advised undergraduate majors.

Associate Professor of Technical Communication, Communication, Liberal Arts, Social Sciences Department, New Mexico Institute of Mining and Technology, Socorro, NM. Spring 2007- 2013

*Served as Technical Communication Program Director from Fall 2004-Summer 2012

Assistant Professor of Technical Communication, Communication, Liberal Arts, Social Sciences (formerly Humanities) Department, New Mexico Institute of Mining and Technology, Socorro, NM. Fall 2003- Fall 2006

*granted tenure and promoted in Spring 2007

Adjunct Graduate Faculty, M.A. in Communication Program, University of Dubuque, Dubuque, IA, 2002- 2003

Graduate Teaching Assistant, English Department, NMSU, Las Cruces, NM, 1998- 2001

Technical Communication/Engineering Design Coordinator, NMSU, Las Cruces, NM, Spring 2000

Graduate Teaching Assistant, English Department, UNC- Charlotte, Charlotte, NC, 1997- 1998

Courses Taught

Technical Writing	Communication in Engineering
Advanced Technical Writing	Document Design
Composition	Advanced Composition
Persuasive Communication	Workplace Writing
Instructional Writing	Technical Communication for Teachers
Technical Communication Internship	Article Writing for Mass Media
Writing/ Presentation Center Workshop	Professional Writing Workshop
Orientation to Technical Communication	Technical Communication Community Service
Senior Seminar	Senior Thesis*
Junior Design Clinic	Senior Design Clinic
Introduction to Spaceflight	Advanced Design Clinic

*Directed Following Senior Thesis Projects resulting in peer-reviewed publication:

Jessica Behles "The Use of Online Collaborative Writing Tools" *Technical Communication*
 Penny Bencomo "Strengthening Technical Communication with Educational Theory" *Xchanges*
 Rebecca Birch "Mobile, Handheld Devices with Touchscreens" *Xchanges*
 Joseph Friedman "Common Elements of Effective Screencasts" *Xchanges*
 T. Daniel Griffin "Intermediate-level Communication" *Xchanges*
 Greg Koch "The Benefits of Using Web Content Management Systems" *Xchanges*
 Linda Lambert "Socialization of the New Hire in the Workplace" *Xchanges*
 Lysandwr McNary "Cybersecurity Computer Based Training and Technical Communication Design" *Xchanges*
 Tony Perreault "Analysis of Web Content Delivered to a Mobile Computing Environment" *Xchanges*
 Danielle Rose "Video Social Media: A Reference for Integrating and Applying Video Social Media" *Xchanges*

GRANTS

Principal Investigator- “Capstone Design Aerospace Leadership Program.” New Mexico Space Grant Consortium Education Enhancement Grant. Submitted April 2018. Funded in amount of \$15,000.

Principal Investigator- “Collaborative Research: From School to Work: Understanding the Transition from Capstone Design to Industry.” Innovations in Engineering Education, Curriculum, and Infrastructure division of NSF. Collaborative proposal with Virginia Tech (lead institution), University of Colorado Boulder, and Smith College. September 2016 - August 2019. Funded in amount of \$125,532.

Advisory Board Member-“Lifting the Barriers: Understanding and Enhancing Approaches to Teaching Communication and Teamwork Among Engineering Faculty.” Innovations in Engineering Education, Curriculum, and Infrastructure division of NSF. Principal Investigators: Holly Matusovich, Marie Parette, Karl Smith. Submitted January 2010. Funded in amount of \$379,181.

Principal Investigator- “Written and Oral Communication in an Engineering Senior Design Course.” Effective University Instruction Research Grant. Center for Teaching Excellence, Eastern New Mexico University. 2005-2006. Awarded \$2700

ADDITIONAL PUBLICATIONS

Chapters in Edited Collections

“Writers Among Engineers and Scientists,” lead author of multi-authored chapter in *Program Profiles*, Jim Nugent, Greg Giberson, Lori Ostergaard, editors. 2015. Utah State University Press.

“Intersections between a Technical Communication Program and an Engineering Department,” in *Sharing Our Intellectual Traces: Narratives Reflections from Administrators of Professional, Technical Scientific Communication Programs*, T. Bridgeford, K.S. Kitalong, B. Williamson, editors. 2014. Baywood Press.

“Mentorship, Collegiality, and Friendship: Making Our Mark as Professionals,” multi-authored chapter in *Stories of Mentoring*, Michele Eble and Lynee Gaillet, editors. 2008. Parlor Press.

Conference Proceedings

“New Engineers’ First Three Months: A Study of the Transition from Capstone Design Courses to Workplaces.” ASEE Annual Conference and Exposition. June 2018. Multi-authored.

“A Communication-Focused Four-Semester Design Requirement.” Capstone Design Conference Proceedings. June 2018.

“Preliminary Results from a Study Investigating the Transition from Capstone Design to Industry,” Capstone Design Conference, June 2018. Multi-authored.

“From School to Work: Understanding the Transition from Capstone Design to Industry.” ASEE Annual Conference and Exposition. June 2017. Multi-authored.

“Into the Workplace: Innovative Approaches to Exploring Entry-Level Engineers’ Learning and Transfer.” Clive L. Dym Mudd Design Workshop X. Multi-authored. 2017.

“Rethinking Work Spaces and Improving Curb Appeal: Making Changes to an Undergraduate TC Lab.” *CPTSC Proceedings*. 2010. Co-authored with Clinton R. Lanier. Available at <http://cptsc.org/pro/2010.pdf>

“Bored? Broke? Start a Research Group!” *CPTSC Proceedings*. 2008. Co-authored with Clinton R. Lanier. Available at <http://cptsc.org/pro/2008.pdf>

“Communicating Design: A Multidisciplinary Approach towards Engineering Capstone Design Courses.” Co-authored with Scott Teare. *SUN International Conference on Teaching and Learning*. 2006. Available at <http://sunconference.utep.edu/SunHome/2006/proceedings2006.html>

“Recognizing the Programmatic Advantages of a Bliki Blogiverse.” *CPTSC Proceedings*. 2005. CO-authored with Richard K. Mott. Available at <http://www.cptsc.org/conferences.html>

“Recruitment Strategies for Professional and Technical Communication Programs: Strategies for Attracting High School Students to Technical Communication Programs.” *CPTSC Proceedings*. 2004. Available at <http://www.cptsc.org/conferences.html>

“Tracking and Maintaining Communication With Graduates of Technical Writing Programs: What Can Former Students Tell Us?” *CPTSC Proceedings*. 1999 Available at <http://www.cptsc.org/proceedings/1999/CPTSCproc99.pdf>

“Embedding Industry Documents in Technical Communication Programs.” *CPTSC Proceedings*. 1998. Available at: <http://www.cptsc.org/proceedings/1998/CPTSCproc98.pdf>

Non-Refereed Reviews, Reports, and Texts

WIPP Site Incident Independent Review Team Final Report. December 2017. Available at <http://www.nmt.edu/wsiir>

WIPP Site Incident Independent Review Team Interim Reports. (June 2015-October 2017). Available at <http://www.nmt.edu/wsiir>

"Dorothy A. Winsor's *Writing Power*." Book review for *Technical Communication Quarterly*. Autumn 2004

“Maximizing Training Effectiveness in the Workplace: Adult Learning and Writing Training.” McCulley/Cuppan LLC White Paper. March 2002

"New Mexico Highway 44: Input on Data Needs for Economic Impact Analysis." Co-authored with Linda Riley. New Mexico Transportation Research Department. September 2000

“Technical Communication: Readings and Rationale.” Multi-authored. *NMSU Course Text*. August 2000

“Listservs: Connecting Students with Practitioners.” *Intercom*. Jul./Aug. 2000

Creative Work

“The Engineer and the Poet” original creative work published in *Din Magazine*, issue #1, May 2010

“Finding and Maintaining Balance in Grad School” published in *GradTalk*, volume 2, issue #1, March 2010

“Mandatory Evacuation” original poetry published in *Santa Fe Poetry Broadside*, issue# 58, April 2009.

“Disillusioned Academic” original poetry published in *Santa Fe Poetry Broadside*, issue# 58, April 2009.

CONFERENCE PRESENTATIONS

“A Communication-Focused Four-Semester Design Requirement.” Capstone Design Conference. June 2018.

“From School to Work: Understanding the Transition from Capstone Design to Industry.” ASEE Annual Conference and Exposition. In collaboration with Marie Parette, Daria Kotys-Schwartz, Susannah Howe, Benjamin Lutz, Chris Gerwitz, Sidharth Arunkumar, and Laura Rosenbauer. June 2017.

“Into the Workplace: Innovative Approaches to Exploring Entry-Level Engineers’ Learning and Transfer.” Clive L. Dym Mudd Design Workshop X. In collaboration with Marie Parette, Daria Kotys-Schwartz, Susannah Howe, Benjamin Lutz, Chris Gerwitz, Sidharth Arunkumar, and Laura Rosenbauer. June 2017.

“Engineering a Communication Model for Graduate Writing Support.” Western Association of Graduate Schools Conference. March 2016.

“Engineering Connections.” Council for Programs in Technical and Scientific Communication. Sept. 2014.

“Location, location, location! The Role of Technical and Professional Writing and Communication Programs Within or Alongside Writing Programs.” Writing Program Administration Conference. July 2012

“So, What about Graduate Students? Strategies for Building Cross-Campus Graduate Writing Initiatives.” Writing Program Administration Conference. July 2012

- “Undergraduate Technical Communication Research: Creating Publication Opportunities” Rocky Mountain Modern Language Association. October 2010
- “Rethinking Work Spaces and Improving Curb Appeal: Making Changes to an Undergraduate TC Lab.” Council for Programs in Technical and Scientific Communication. September 2010.
- “Bored? Broke? Start a Research Group!” Council for Programs in Technical and Scientific Communication. October 2008
- “Connecting Undergraduate Students with Practitioners Through Senior Thesis Projects.” Poster presentation. Association for Teachers of Technical Writing. April 2007
- “Technical Communication Classroom Blogs: A New Rhetorical Opportunity.” Rocky Mountain Modern Language Association. October 2006
- “Communicating Design: A Multidisciplinary Approach Towards Engineering Capstone Design Courses.” Presented with Scott Teare. SUN International Conference on Teaching and Learning. March 2006
- “Recognizing the Programmatic Advantages of a Bliki Blogiverse: Using Blogs to Connect TC Faculty, Students, and Corporate Board Members.” Presented with Richard K. Mott. Council for Programs in Technical and Scientific Communication. October 2005
- “Responding to the Threat of Unionization: One Airline’s Use of Organizational Communication Strategies During a 2004 Teamster’s Campaign.” With Lorelei Ortiz. Association for Teachers of Technical Writing. March 2005
- “Recruitment Strategies for Professional and Technical Communication Programs: Strategies for Attracting High School Students to Technical Communication Programs.” Council for Programs in Technical and Scientific Communication. October 2004
- “Learning, Connecting, and Applying: Technical Writing and the Transfer of Rhetorical Strategies.” Conference on College Composition and Communication. March 2004
- “Like Pulling Teeth or Pain-Free?: Complexities in Collaboration in a Business Communication Course.” Association for Business Communication Annual Convention. October 2003
- “It’s Going to Break Your Heart But I Never Thought About Audience: The Rhetorical Awareness of Engineering Students.” Conference on College Composition and Communication. March 2002
- “How are We Doing/What are We Doing: Conversations with Graduates Reveal the Real World of Technical Communication.” With Greg Wilson. Association of Teachers of Technical Writing. March 2002
- “Bridging Scenes of Practice: Learning Transfer from Technical Communication Classes to Senior Engineering Project Teams.” Conference on College Composition and Communication. March 2001
- “Knowledge Transfer Among Disciplines: A Study of Application of Rhetorical Strategies Among Engineering Students.” Rocky Mountain Modern Language Association. October 2000
- “Getting Dissed: Working in Teams with Engineers and Technical Writers.” With Patricia Wojahn. IEEE Professional Communication Society. September 2000
- “Tracking and Maintaining Communication With Graduates of Technical Writing Programs: What Can Former Students Tell Us?” Council for Programs in Technical and Scientific Communication. Oct. 1999
- “Learning to Write in the Organization: An Exploration of the Socialization Process.” Rocky Mountain Modern Language Association. October 1999
- “Embedding Industry Documents in Technical Communication Programs.” With Lisa Daidone. Council for Programs in Technical and Scientific Communication. October 1998

“Hypertext: The Changing Roles of Reader, Writer, and Text in an Electronic Age.” Popular Culture Association. October 1997

CHAired SESSIONS AT CONFERENCES

“Across Disciplinary Lines: Fostering Connections and Seizing Opportunities at New Mexico Tech.” Council for Programs in Technical and Scientific Communication. September 2014.

“Outcomes and Reassessment of Programmatic Change.” *Session Chair*. Council for Programs in Technical and Scientific Communication Annual Conference. September 2010

“Improving the Interface of Technical Communication.” *Session Chair*. Association of Teachers of Technical Writing Annual Conference. March 2005

“History and Methods of Writing Assessment.” *Session Chair*. Conference on College Composition and Communication. March 2005

“Shaping Knowledge by Using Engineering Genres in Teaching Technical Communication.” *Session Chair*. Association of Teachers of Technical Writing Annual Conference. March 2004

“Does Size Matter?: Writers’ Intentions Versus Audiences’ Perceptions in Organizational Newsletter Publishing.” *Session Chair*. Northwest Communication Association. April 2003

“Technical Communication: The Workplace and Beyond.” *Session Chair*. Rocky Mountain Modern Language Association. October 2000

INVITED ENGINEERING COMMUNICATION PRESENTATIONS AND WORKSHOPS

“Presentation *Hellp* (*not Hell*).” Invited presentation for Chemical Engineering 110 Course. November 2018.

“Team Formation in Capstone Design.” Invited panelist for Capstone Design Conference session on team formation. June 2018.

“The Road to Clear and Engaging Presentation.” Invited presentation for Computer Science Engineering Graduate Seminar. November 2016.

“Communicating Engineering Research Effectively.” Guest lecture for Bioengineering 189. March 2015.

“Three Minute Speech Presentations.” Workshop for STEM graduate students presenting at NM Legislative session. January 2015

“Effective Technical Presentations: How to Talk Nerdy.” Guest lecture for Introduction to Engineering Design Course. October 2014, February 2013

“Effectively Using PowerPoint to Communicate Your Research and Design Work.” Guest lecture for Electrical Engineering Senior Design Course. October 2012

“Public Speaking Does Not Have To Be Feared More than Death.” Guest lecture for Environmental Engineering Living Learning Community Course. November 2011

“PowerPoint Presentations Should Not Be Painful.” Guest lecture for Environmental Engineering Living Learning Community Course. November 2011

“Communicating Design: Strategies for Effective Writing and Speaking,” guest lecture for Mechanical Engineering Design Clinic. September 2011

“Effective Engineering Thesis Writing: Tips for Clear and Organized Communication (and Sanity Preservation),” invited presentation for Mechanical Engineering Graduate Faculty Seminar. April 2011

“An Overview of Technical Communication Strategies for Engineering Design Projects,” guest lecture for Dr. Keith Miller’s junior and senior mechanical engineering design courses, September 2010

“Engineers CAN Write (and Speak too): Integrating Communication Into Engineering Curricula,” invited presentation for Mechanical Engineering Graduate Faculty Seminar. August 2010

“Technical Writing: A Review of the Concepts and Tips for Successful Application,” guest lecture for Dr. Warren Ostergren’s junior and senior mechanical engineering design courses. August 2007 and August 2006

"Communication in Engineering Education." Workshop presented for NMT Engineering faculty. February 2004

“Remembering Your Audience: Planning and Writing Technical Reports.” New Mexico State University, Engineering College Senior Design Course. March 2000

“Leave Your Index Cards at Home: Tips for Presenting Technical Information with PowerPoint.” New Mexico State University, Engineering College Senior Design Course. April 2000

INVITED PRESENTATIONS AND WORKSHOPS

“Presenting Science Effectively.” Bureau of Geology Monthly Seminar Series guest lecture. November 2018.

“Communicating from the Heart.” Guest lecture for Beth Kramer-Simpson’s Technical Communication 101 course. September 2018.

“Successful Scientific Presentations.” Guest lecture for E&ES Department Graduate Seminar, New Mexico Tech. January 2018.

“Writing and Presentation Assignments in STEM Classes: Resources for All Faculty.” Workshop delivered to New Mexico Tech faculty. September 2017.

“Effective Presentations in the Classroom and Beyond.” Delivered to new faculty and graduate student orientation. August 2017.

“A Tale of Achieving Balance.” Guest lecture for Beth Kramer-Simpson’s Technical Communication 101 course. September 2016.

“Teaching and Research Presentations: Tips for Effective PowerPoint Use.” Delivered to new faculty and graduate student orientation. August 2016.

“Communicating Technical and Scientific Research in 3 Minutes.” Guest lecture for Mary Dezember’s English 341 course. March 2016.

“Present Like a Pro.” Guest lecture for E&ES Department Graduate Seminar, New Mexico Tech. January 2016.

“Preparing Academic and Professional Presentations.” Guest lecture for Computer Science and Engineering Department Graduate Seminar. New Mexico Tech. October 2015.

“Three Minute Speech Strategies.” Guest lecture for Mary Dezember’s English 341 course. October 2015.

“Presenting Effectively.” Delivered to new faculty and graduate student orientation. August 2015.

“Using Canvas in a Distance Education Course to Appeal to Different Learning Styles.” Presentation at CITL Workshop on Learning Styles. June 2015.

“Writing Well Will Take You Far.” Workshop presented to Cottonwood Valley Charter School Eighth grade class. May 2015.

Tenth Muse Poetry Reading “Farewell to Penny.” New Mexico Tech. April 2016.

Tenth Muse Poetry Reading. (New Mexico Tech National Poetry Month celebration). April 2015

Three Minute Speech Competition, Workshop for NMT Student Research Symposium. March 2015.

“New Mexico Tech Technology and Commercialization Initiatives Overview.” Presented to New Mexico Legislative Committee on Science, Technology, and Telecommunications.” New Mexico Tech. October 2014

“The Tech Experience: Research, Design and Student Success.” Presentation at Student Success Summit, University of New Mexico. September 2014

Three Minute Speech Competition, Workshop for NMT Student Research Symposium. March 2014.

“New Mexico Tech Technical Communication: Blending Creativity, Science, and Technology with Communication.” Keynote address for Albuquerque Counselor’s Luncheon. October 2011.

“Your Committee Has Your Draft, Now What?: Preparing for Your Thesis Defense,” Oral Presentation Center workshop co-presented with Melissa Kammerer and Marcia Bardy. April 2011

“New Mexico Tech Poets Share Their Work,” creative reading for the Rocky Mountain Modern Language Association annual conference. October 2010

“Effective Strategies for Using PowerPoint in the Classroom and to Communicate Your Research,” presentation for New Mexico Tech new graduate student orientation. August 2014, August 2013, August 2012, August 2009, August 2008, August 2007

“Four Poets and an Artist” Poetry Reading (New Mexico Tech National Poetry Month celebration). April 2009

“Organizational Communication, Persuasion, and Unionization: A Major U.S. Airline vs. the Teamsters Union.” New Mexico Tech Humanities Colloquium. September 2008

“Achieving Balance,” workshop for New Mexico Tech student leaders. September 2008

“Effectively Using PowerPoint to Communicate Your Research,” workshop for New Mexico Tech graduate student research conference. September 2007

“Setting Individual Goals for Success,” workshop for New Mexico Tech student leaders. September 2007

“Individual Goal Setting: Achieving Healthy Mind and Body Balance,” workshop for residents of Baca Hall, a designated living community. August 2007

“The Scholarly Stage: Academic Conference Presentations,” guest lecture for Glenda Stewart-Langley’s advanced public speaking class. April 2007

“Avoiding Butterflies: Tips for Presentation Preparation.” NM Tech Graduate Student Association Conference. February 2006

“Surviving the Phone Interview: Strategies for Effective Preparation and Performance.” With Lynda Walsh. NM Tech Graduate Student Association Conference. February 2006

“Nuts and Bolts of Grant Writing: How to Style a Proposal.” With Lynda Walsh. NM Alliance for Graduate Education and the Professoriate. Grant Proposal Development Workshop. April 2005

“Interviewing Do’s and Don’ts.” Glenda S. Langley’s Speech 242 class. April 2005

“PowerPoint Do’s and Don’ts: Strategies for Effective Presentations.” NM Alliance for Graduate Education and the Professoriate. October 2004

“Collaboration in the Classroom: Recognizing Conflict and Managing Complexities.” New Mexico Tech Humanities Colloquium. April 2004

“*Interrogating the Web: An Interdisciplinary and International Model for Web Design and Assessment.*” New Mexico State University, Doctoral Colloquium. September 1999

SERVICE FOR THE INSTITUTION

Faculty Development Committee, Chair (2015-2016) Member (2014-current)

NMT Debate Competition Judge (2018, 2019)

SRS 3 Minute Speech Competition Judge (2019)

Management Department Artwork Judge (2019)

Promotion to Professor Committee, Chair (2014-2016) Member (2013-2014)

Mechanical Engineering Department Space Allocation Committee Chair (2016)
Teaching Tea Time Facilitator through Center for Innovative Teaching and Learning (2015-2016)
Academic Affairs Vice President Search Committee Member (2013-2014)
President's Faculty Liaison Committee Member (2013-2014)
New Student Advising Program (HSI-STEM Grant), Advisor to 40 MENG majors (current)
Peer Mentoring Program, Director, Supported by Title V PPOHA Grant (2011-2013)

Oral Presentation Center Director (2010-2014)

Established Oral Presentation Center, a campus resource devoted to helping graduate and undergraduate students from all disciplines plan and prepare PowerPoint presentations and conference posters.

Technical Communication Program Director (2004-2012)

Developed and implemented recruitment initiatives. Coordinated program assessment. Communicated with Corporate Advisory Board and planned annual board meeting. Established local internship opportunities. Met with prospective students. Represented program at new student orientation and high school visitation days.

New Mexico Tech Policies and Procedures Documentation Project, Director (2010-2011)

Academic Search Committees

Mechanical Engineering, 2014, Electrical Engineering, 2005

Technical Communication, 2011-2012, 2007 Technical Communication, Chair, 2008, Composition, 2007

Tenure and Promotion Committees

Serve as member of 2 Mech. Engineering tenure committees, 2 Technical Communication tenure committees, 1 Social Sciences tenure committee, and 1 Biology tenure committee

Served as chairman for two CLASS faculty committees

Served as outside member for Electrical Engineering and Earth and Environmental Science candidates

Faculty Sponsor, New Mexico Tech Track Club (2012-present)

Previous Institute-Wide Committee Work and Service

Academic Standards and Admissions Committee member

Master of Science Teaching Program, Committee Member

General Degree Requirements Assessment Committee Member

Electrical Engineering Senior Design Presentations, Reviewer

STEM Communication committee

Title V Sustainability committee

Distance Education Committee Member

Macey Scholarship Selection Committee Member

New Faculty Mentoring Program Participant

President's Lunch Run Organizer

Math 103 Distance Education Committee

Student Research Symposium committee

SERVICE OUTSIDE THE INSTITUTION

Council for Programs in Technical and Scientific Communication (CPTSC)

Member, 2016 Nominating Committee

Conference reviewer, 2012, 2011, 2010, 2008, 2005

CPTSC Conference Co-Chair, 2009 Aarhus, Denmark

Member at large (elected position), Executive Committee, 2008-2010

Association for Teachers of Technical Writing

Member at large (elected position), Executive Council, 2007-2009

ATTW session chair, 2005 and 2004 conference

Conference reviewer, 2014

IEEE Professional Communication Society

Conference reviewer for 2010 international conference in Enschede, Netherlands.

Guest Editor, Fall 2013 Special Issue of *Connexions* (international engineering communication focus)

External reviewer for tenure candidates at peer institutions, Fall 2014, Fall 2011, Fall 2010, Fall 2009.

Peer Reviewer/Textbook Reviewer

Technical Communication, Technical Communication Quarterly, Journal of Engineering Education, Advances in Engineering Education, IEEE Transactions on Professional Communication, IEEE Transactions on Education, Journal of

Technical Writing and Communication, Programmatic Perspectives, connexions, Oxford, Taylor and Francis, Prentice Hall, Bedford/St. Martin's

Tresco Inc., Board of Directors, Spring 2012-current

PROFESSIONAL COMMUNICATION EXPERIENCE

Technical Writer and Researcher, College of Engineering, NMSU. Las Cruces, NM. 2000

Writing Consultant, ABET Accreditation Team, College of Engineering, NMSU. Las Cruces, NM. Spring 2000

Communication Consultant and Researcher, McCulley/Cuppan LLC, Salt Lake City, UT. 1999- 2003

PROFESSIONAL DEVELOPMENT

Attended STEM Student Mentoring workshop, Teaching Academy at NMSU, September 2011

Attended Turnitin professional development webinar, December 2010

Participated in STC Kachina Panel on Careers in Technical Communication, October 2007, March 2006

Attended "Designing Courses that Help Students Learn," workshop by Karl Smith, February 2006

Participated in "Exploring a Communication Model for Web Design," international week-long workshop at University of Washington, July 1999