## STUART A. SELBER | CURRICULUM VITAE

Professor of English and Director of Digital Education
Department of English, Penn State University, University Park, PA 16802
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## RESEARCH AND TEACHING FIELDS

Technical Communication, Computers and Composition, Human-Computer Interaction

## ACADEMIC TENURE-TRACK APPOINTMENTS

Professor (2021), Associate Professor (2004), Assistant Professor (1998), Department of English, Penn State University, University Park, PA.

Assistant Professor, Department of English, Texas Tech University, Lubbock, TX, 1996–1998.

Assistant Professor, Department of Technical Communication, Clarkson University, Potsdam, NY, 1995–1996.

Assistant Professor, Department of English, Clemson University, Clemson, SC, 1994–1995.

## EDUCATION

Doctor of Philosophy in Rhetoric and Technical Communication
Concentration: Technology Studies
Michigan Technological University, Houghton, MI, 1995

Master of Technical and Professional Writing
Concentration: Writing for the Computer Industry
Northeastern University, Boston, MA, 1990

Bachelor of Arts in English
Concentration: Business and Technical Writing
University of Delaware, Newark, DE, 1987

**DISSERTATION**

"Hypertext and Technical Communication: The Case for Critical Perspectives."
Director: Cynthia L. Selfe, Michigan Technological University

**RESEARCH AWARDS**

Distinguished Book Award for Best Book in Computers and Composition, *Computers and Composition*, 2022.

Ken Rainey Award for Lifetime Contributions to Research in Technical Communication, Society for Technical Communication, 2018.

Best Original Collection of Essays in Technical or Scientific Communication, Conference on College Composition and Communication, 2014.

Nell Ann Pickett Award for Best Article in *Technical Communication Quarterly*, Association of Teachers of Technical Writing, 2011.

Best Book in Technical or Scientific Communication, National Council of Teachers of English, 2005.

Distinguished Book Award for Best Book in Computers and Composition, *Computers and Composition*, 2005.

Best Collection of Essays in Technical or Scientific Communication, National Council of Teachers of English, 2005.

Best Collection of Essays in Technical or Scientific Communication, National Council of Teachers of English, 1998.

Ellen Nold Award for Best Article in Computers and Composition, *Computers and Composition*, 1997.

Best Article on Methods of Teaching Technical or Scientific Communication, National Council of Teachers of English, 1995.

**TEACHING AND SERVICE AWARDS**

The Janice M. Lauer Institutional Achievement Award in Rhetoric and Composition Doctoral Studies, Consortium of Doctoral Programs in Rhetoric and Composition, 2023.

Jay R. Gould Award for Excellence in Teaching Technical Communication, Society for Technical Communication, 2021.

Teaching and Learning with Technology Impact Award, Penn State University, 2021.

The Ronald S. Blicq Award for Distinction in Technical Communication Education, Institute of Electrical and Electronics Engineers Professional Communication Society, 2018.

Writing Program Certificate of Excellence, Conference on College Composition and Communication, 2013.

Distinguished Service Award, Council for Programs in Technical and Scientific Communication, 2011.

Recognition of Service Award, Association for Computing Machinery, 1999.

**PUBLICATIONS**

***Single-Authored Books***

*Institutional Literacies: Engaging Academic IT Contexts for Writing and Communication*. University of Chicago Press, 2020. 266 pages. Reviewed in:
- *Composition Forum* 48 (2022): n.p.
- *Journal of Business and Technical Communication* 36 (2022): 120–123.
- *International Journal of Communication* 15 (2021): 4180–4183.

*Multiliteracies for a Digital Age*. Southern Illinois University Press, 2004. Studies in Writing and Rhetoric series. 269 pages. Reviewed in:
- *Computers and Composition Online* Spring (2008): n.p.
- *Computers and Composition* 24 (2007): 92–96.
- *Technical Communication Quarterly* 16 (2007): 125–127.
- *College Composition and Communication* 58 (2006): 119–125.

- *Journal of Business and Technical Communication* 20 (2006): 225–228.
- *Journal of Technical Writing and Communication* 36 (2006): 309–313.
- *IEEE Transactions on Professional Communication* 48 (2005): 427–429.
- *Issues in Writing* 16 (2005): 94–99.
- *Composition Studies* 33 (2005): n.p.
- *Composition Forum* 14 (2005): n.p.
- *Currents in Electronic Literacy* 9 (2005): n.p.

**Edited Books**

*Solving Problems in Technical Communication*. University of Chicago Press, 2013 (with Johndan Johnson-Eilola). 521 pages. Reviewed in:
- *Programmatic Perspectives* 7 (2015): 298–302.
- *Technical Communication Quarterly* 24 (2015): 113–116.
- *Enculturation* 19 (2015): n.p.
- *Journal of Business and Technical Communication* 28 (2014): 254–258 and 27 (2013): 472–476.
- *IEEE Transactions on Professional Communication* 56 (2013): 256–259.
- *Technical Communication* 60 (2013): 236.

*Rhetorics and Technologies: New Directions in Writing and Communication*. University of South Carolina Press, 2010. Rhetoric and Communication series. 230 pages. Reviewed in:
- *Programmatic Perspectives* 7 (2015): 106–109.
- *Discourse & Society* 23 (2012): 347–349.
- *Journal of Business and Technical Communication* 26 (2012): 259–262.
- *Technical Communication Quarterly* 21 (2012): 78–82.
- *Kairos* 16 (2012): n.p.
- *College Composition and Communication* 63 (2011): 314–327.
- *Writing Program Administration* 35 (2011): 175–198.
- *IEEE Transactions on Professional Communication* 54 (2011): 213–214.
- *Rhetoric Review* 30 (2011): 99–103.

*Central Works in Technical Communication*. Oxford University Press, 2004 (with Johndan Johnson-Eilola). 512 pages. Reviewed in:
- *Technical Communication Quarterly* 15 (2006): 243–247.
- *Journal of Technical Writing and Communication* 35 (2005): 336–339.
- *Technical Communication* 51 (2004): 561–563.
- *IEEE Transactions on Professional Communication* 47 (2004): 331–332.

*Computers and Technical Communication: Pedagogical and Programmatic Perspectives*. Ablex Publishing, 1997. ATTW Contemporary Studies in Technical Communication series. 414 pages. Reviewed in:
- *Journal of Business and Technical Communication* 13 (1999): 226–229.
- *Technical Communication Quarterly* 8 (1999): 473–476.
- *Journal of Technical Writing and Communication* 29 (1999): 305–309.
- *IEEE Transactions on Professional Communication* 42 (1999): 135–136.
- *AI & Society* 12 (1998): 106–108.

### Textbooks

*Technical Communication*, 14th edition. Bedford/St. Martin's, 2025, 731 pages (with Mike Markel). 13th edition, 2021, 733 pages. 12th edition, 2018, 733 pages. Sole active author since the 12th edition.

*Practical Strategies for Technical Communication*, 5th edition. Bedford/St. Martin's, 2025, 519 pages (with Mike Markel). 4th edition, 512 pages, 2022. 3rd edition, 2019, 520 pages. Sole active author since the 3rd edition.

### Edited Journal Issues

Special issue on Computer Systems Documentation. *Journal of Technical Writing and Communication* 31 (2001): 1–114 (with Johndan Johnson-Eilola).
http://doi.org/bhdph9

Special issue on Technical Communication. *Computers and Composition* 14 (1997): 305–447 (with Ann Hill Duin).
http://doi.org/fpqqpz

Special issue on Computers in the Technical Communication Classroom. *IEEE Transactions on Professional Communication* 39 (1996): 179–238.

### Edited Conference Proceedings

*Tradition and Change in Documentation: Proceedings for the Seventeenth Annual International Conference on Computer Documentation*. Association for Computing Machinery Press, 1999 (with Johndan Johnson-Eilola and Alice Phalen). 220 pages.
https://dl.acm.org/doi/proceedings/10.1145/318372

*Journal Articles*

"Artificial Intelligence and the Intellectual Legacy of Johndan Johnson-Eilola." *Programmatic Perspectives* 15 (2024): 11–19. Commentary.
	https://tinyurl.com/d4hn87kd

"Can Artificial Intelligence Robots Write Effective Instructions?" *Journal of Business and Technical Communication* 38 (2024): 199–212 (with Johndan Johnson-Eilola and Eric York). Special issue on Effects of Artificial Intelligence Tools in Technical Communication Pedagogy, Practice, and Research.
	https://doi.org/10.1177/10506519241239641

"What is Digital Rhetoric"? *Journal of Argumentation and Discourse Analysis*, 32 (2024): n.p. Interview in special issue on Challenging Rhetorical Traditions.
	https://journals.openedition.org/aad/8357

"Technical Communication as Assemblage." *Technical Communication Quarterly* 32 (2023): 79–97 (with Johndan Johnson-Eilola).
	https://doi.org/jmrd

"Strange Days: Creating Flexible Pedagogies for Technical Communication." *Journal of Business and Technical Communication* 35 (2021): 154–159 (with Johndan Johnson-Eilola). Special issue on Business and Technical Communication and COVID-19.
	https://doi.org/jmrc

"Historicizing Infrastructural Contexts for Teaching and Learning: A Heuristic for Institutional Engagement." *Computers and Composition* 58 (2020): n.p.
	https://doi.org/jmq9

"iPads in the Technical Communication Classroom: An Empirical Study of Technology Integration and Use." *Journal of Business and Technical Communication* 27 (2013): 359–408 (with Michael J. Faris).
	https://doi.org/gfgxhc

"E-Book Issues in Composition: A Partial Assessment and Perspective for Teachers." *Composition Forum* 24 (2011): n.p. (with Michael J. Faris). Essay-review.
	http://compositionforum.com/issue/24/ebook-issues.php

"A Rhetoric of Electronic Instruction Sets." *Technical Communication Quarterly* 19 (2010): 95–117.
    https://doi.org/fsx9bq

"Institutional Dimensions of Academic Computing." *College Composition and Communication* 61 (2009): 10–34.
    https://www.jstor.org/stable/40593513

"Commons-Based Pedagogies and the Social Turn in Technical Communication." *Currents in Electronic Literacy* Spring (2008): n.p. (with Johndan Johnson-Eilola).
    https://tinyurl.com/4uwyz43b

"Plagiarism, Originality, Assemblage." *Computers and Composition* 24 (2007): 375–403 (with Johndan Johnson-Eilola).
    https://doi.org/cfs76h

"Postcritical Perspectives on Literacy Technologies." *College English* 67 (2005): 331–339. Essay-review.
    https://www.jstor.org/stable/30044640

"Technological Dramas: A Meta-discourse Heuristic for Critical Literacy." *Computers and Composition* 21 (2004): 171–195.
    https://doi.org/fpnrxk

"The CCCC Outstanding Dissertation Award in Technical Communication: A Retrospective Analysis." *Technical Communication Quarterly* 13 (2004): 139–155.
    https://doi.org/dd2stx

"Reimagining the Functional Side of Computer Literacy." *College Composition and Communication* 55 (2004): 470–503.
    https://doi.org/brwkqm

"Sketching a Framework for Graduate Education in Technical Communication." *Technical Communication Quarterly* 10 (2001): 403–437 (with Johndan Johnson-Eilola).
    https://doi.org/c2n7vd

"Notes Toward a Socially Informed Pedagogy for Computer Documentation."
*The Journal of Computer Documentation* 25 (2001): 132–140.
https://doi.org/d9hbv5

"The Social Formation of Technical Communication Studies." *College
Composition and Communication* 50 (1998): 263–276. Essay-review.
https://doi.org/bfv9c3

"The OHCO Model of Text: Merits and Concerns." *The Journal of Computer
Documentation* 21 (1997): 26–31.
https://doi.org/c7qv8r

"Policing Ourselves: Defining the Boundaries of Appropriate Discussion in
Online Forums." *Computers and Composition* 13 (1996): 269–291 (with
Johndan Johnson-Eilola).
https://doi.org/dkpxr2

"Online Support Systems." *ACM Computing Surveys* 28 (1996): 197–200 (with
Johndan Johnson-Eilola and Brad Mehlenbacher).
https://doi.org/dff4cz

"Contexts for Faculty Professional Development in the Age of Electronic
Writing and Communication." *Technical Communication* 42 (1995): 581–584
(with Johndan Johnson-Eilola and Cynthia L. Selfe).
https://www.jstor.org/stable/43089803

"Metaphorical Perspectives on Hypertext." *IEEE Transactions on Professional
Communication* 38 (1995): 59–67.
https://doi.org/b4bhgq

"Beyond Skill Building: Challenges Facing Technical Communication Teachers
in the Computer Age." *Technical Communication Quarterly* 3 (1994): 365–390.
https://doi.org/cf5h8w

### Book Chapters

"Technical and Professional Communication." *Keywords in Technical and
Professional Communication*. Ed. Han Yu and Jonathan Buehl. The WAC
Clearinghouse and University Press of Colorado, 2023. xi–xvi (with Johndan
Johnson-Eilola). Foreword.
https://wac.colostate.edu/docs/books/tpc/foreword.pdf

"Institutionalizing Online Writing Instruction." *PARS in Charge: Resources and Strategies for Online Writing Program Leaders*. Ed. Jessie Borgman and Casey McArdle. The WAC Clearinghouse and University Press of Colorado, 2023. 70–83 (with Daniel Tripp and Leslie Robertson Mateer).
  https://wac.colostate.edu/docs/books/pars3/chapter5.pdf

"Editing Texts, Editing Careers." *Explanation Points: Publishing in Rhetoric and Composition*. Ed. John Gallagher and Danielle Nicole DeVoss. Utah State University Press, 2019. 219–222 (with Johndan Johnson-Eilola).

"Conclusion: Reterritorialization." *Assembling Composition*. Ed. Kathleen Blake Yancey and Stephen J. McElroy. National Council of Teachers of English, 2017. 222–232 (with Johndan Johnson-Eilola).

"Technology." *Keywords in Writing Studies*. Ed. Paul Heilker and Peter Vandenberg. Utah State University Press, 2015. 169–172 (with Johndan Johnson-Eilola).

"Tracing the Intellectual Trajectories of Professional/Technical/Scientific Communication: A Roundtable Perspective from Seven CPTSC Past Presidents." *Sharing Our Intellectual Traces: Narrative Reflections from Administrators of Professional, Technical, and Scientific Communication Programs*. Ed. Tracy Bridgeford, Karla Saari Kitalong, and Bill Williamson. Baywood Publishing, 2014. 11–37 (with Deborah Andrews, Stephen A. Bernhardt, Kelli Cargile Cook, Jeff Grabill, Bruce Maylath, and Dan Riordan).

"The Changing Shapes of Writing: Rhetoric, New Media, and Composition." *Going Wireless: A Critical Exploration of Wireless and Mobile Technologies for Composition Teachers and Scholars*. Ed. Amy C. Kimme Hea. Hampton Press, 2009. 15–34 (with Johndan Johnson-Eilola).

"Understanding Usability Approaches." *Resources in Technical Communication: Outcomes and Approaches*. Ed. Cynthia L. Selfe. Baywood Publishing, 2007. 195–219 (with Johndan Johnson-Eilola).

"The Locations of Usability." *The Locations of Composition*. Ed. Christopher J. Keller and Christian R. Weisser. State University of New York Press, 2007. 171–194 (with Johndan Johnson-Eilola).

"Everything Seems to Be Up in the Air at This Time: The Ubiquity of Technical Communication." *TechWeb: Technical Communication and the World Wide*

*Web*. Ed. Michael Day and Carol Lipson. Lawrence Erlbaum, 2005. ix–xii (with Johndan Johnson-Eilola). Foreword.

"Interfacing: Multiple Visions of Computer Use in Technical Communication." *Three Keys to the Past: The History of Technical Communication*. Ed. Teresa Kynell and Michael G. Moran. Ablex Publishing, 1999. 197–226 (with Johndan Johnson-Eilola and Cynthia L. Selfe).

"Composing Human-Computer Interfaces Across the Curriculum in Engineering Schools." *Electronic Communication Across the Curriculum*. Ed. Donna Reiss, Richard J. Selfe, and Art Young. National Council of Teachers of English, 1998. 102–116 (with Bill Karis).
https://wac.colostate.edu/docs/books/ecac/chapter7.pdf

"On-Line Support Systems: Tutorials, Documentation, and Help." *The Computer Science and Engineering Handbook*. Ed. Allen B. Tucker. CRC Press, 1997. 1619–1643 (with Johndan Johnson-Eilola and Brad Mehlenbacher).

"The Politics and Practice of Media Design." *Foundations for Teaching Technical Communication: Theory, Practice, and Program Design*. Ed. Katherine Staples and Cezar Ornatowski. Ablex Publishing, 1997. 193–208.

"Hypertext Spheres of Influence in Technical Communication Instructional Contexts." *Computers and Technical Communication: Pedagogical and Programmatic Perspectives*. Ed. Stuart A. Selber. Ablex Publishing, 1997. 17–43.

"After Automation: Hypertext and Corporate Structures." *Electronic Literacies in the Workplace: Technologies of Writing*. Ed. Patricia Sullivan and Jennie Dautermann. National Council of Teachers of English, 1996. 115–141 (with Johndan Johnson-Eilola).

"Issues in Hypertext-Supported Collaborative Writing." *Nonacademic Writing: Social Theory and Technology*. Ed. Ann Hill Duin and Craig J. Hansen. Lawrence Erlbaum, 1996. 257–280 (with Dan McGavin, William Klein, and Johndan Johnson-Eilola).

"Online Help: Exploring Static Information or Constructing Personal and Collaborative Solutions Using Hypertext." *Proceedings of the 10th Annual International Conference on Systems Documentation*. ACM Press, 1992. 97–101 (with Dickie Selfe, Dan McGavin, Johndan Johnson-Eilola, and Carol Brown).
https://doi.org/bqkj6c

**Book Reviews**

*Online Education: Global Questions, Local Answers* edited by Kelli Cargile Cook and Keith Grant-Davie. *Technical Communication Quarterly* 16 (2007): 127–132.

*User-Centered Technology: A Rhetorical Theory for Computers and Other Mundane Artifacts* by Robert R. Johnson. *Journal of Business and Technical Communication* 13 (1999): 467–470.

*The Wired Neighborhood* by Stephen Doheny-Farina. *IEEE Transactions on Professional Communication* 41 (1998): 82–83.

*Being Digital* by Nicholas Negroponte. *Journal of Technical Writing and Communication* 26 (1996): 211–215.

*Writing for the Computer Industry* by Kristen R. Woolever and Helen M. Loeb. *IEEE Transactions on Professional Communication* 37 (1994): 183–184.

**Handbook Entries, Sidebars, and Invited Blog Posts**

"An AI Manifesto for Technical Communication Programs, Part 5: AI Requires Students to Know More, Not Less, About Technical Communication." *Macmillan Learning Bits Blog*, 2024: n.p.
        https://tinyurl.com/5xmrrz4t

"An AI Manifesto for Technical Communication Programs, Part 4: AI Provides Mathematical Solutions to Human Communication Problems." *Macmillan Learning Bits Blog*, 2024: n.p.
        https://tinyurl.com/25cmhaw7

"An AI Manifesto for Technical Communication Programs, Part 3: AI Shifts, Rather Than Saves, Time and Money." *Macmillan Learning Bits Blog*, 2024: n.p.
        https://tinyurl.com/5d8e5em9

"An AI Manifesto for Technical Communication Programs, Part 2: AI Both Solves and Creates Problems." *Macmillan Learning Bits Blog*, 2024: n.p.
        https://tinyurl.com/bddfacrv

"An AI Manifesto for Technical Communication Programs, Part 1: AI is Evolutionary, Not Revolutionary." *Macmillan Learning Bits Blog*, 2024: n.p.
    https://tinyurl.com/4622x7ft

"Testing the Ability of ChatGPT to Write Effective Instructions." *Exploring AI Pedagogy: A Community Collection of Teaching Reflections*. MLA-CCCC Joint Task Force on AI and Writing, 2024: n.p.
    http://tinyurl.com/59w9tx8u

"Brief on Technical and Professional Writing." NCTE College Section Web site, (fall) 2009: n.p.

"Using Wikis for Collaborative Work." *Writing that Works: Communicating Effectively on the Job*. Walter E. Oliu, Charles T. Brusaw, and Gerald J. Alred. Bedford/St. Martin's, 2007. 132.

"Distance Education in the Department of English at Penn State." *Sustainable Computer Environments: Cultures of Support in English Studies and Language Arts*. Richard J. Selfe. Hampton Press, 2005. 72–73.

"Why I Choose to Be Active in the Computers and Writing Community." *Computers and Writing: The Cyborg Era*. James A. Inman. Lawrence Erlbaum, 2004. 201.

"Internet Discussion Groups." *The St. Martin's Bibliography of Business and Technical Communication: A Resource for Teachers*. Ed. Gerald J. Alred. St. Martin's Press, 1997. 18–23.

"Hypertext" and "Internet." *Handbook of Technical Writing*. Charles T. Brusaw, Gerald J. Alred, and Walter E. Oliu. St. Martin's Press, 1997. 258–259; 287–291.

## Bibliographic Entries

"Computers and Education." *The CCCC Bibliography of Composition and Rhetoric*. Ed. Erika Lindemann. Southern Illinois University Press, 1990: n.p.

"Collegiate Microcomputer." *The CCCC Bibliography of Composition and Rhetoric*. Ed. Erika Lindemann. Southern Illinois University Press, 1990: n.p.

### Reprints

"Institutional Dimensions of Academic Computing." Reprinted in *Multimodal Composition: A Critical Sourcebook*. Ed. Claire Lutkewitte. Bedford/St. Martin's, 2013. 427–447.

"E-Book Issues in Composition: A Partial Assessment and Perspective for Teachers." Reprinted in *The Best of the Independent Rhetoric and Composition Journals 2011*. Ed. Steve Parks, Brenda Glascott, Brian Bailie, Heather Christiansen, and Stacey Waite. Parlor Press, 2013. 97-117 (with Michael J. Faris).

"Contexts for Faculty Professional Development in the Age of Electronic Writing and Communication." Reprinted in *Teaching Technical Communication: Critical Issues in the Classroom*. Ed. James M. Dubinsky. Bedford/St. Martin's, 2004. 500–504 (with Johndan Johnson-Eilola and Cynthia L. Selfe).

"Beyond Skill Building: Challenges Facing Technical Communication Teachers in the Computer Age." Reprinted in *Central Works in Technical Communication*. Ed. Johndan Johnson-Eilola and Stuart A. Selber. Oxford University Press, 2004. 449–465.

"After Automation: Hypertext and Corporate Structures." Reprinted in *Professional Writing and Rhetoric: Readings from the Field*. Ed. Tim Peeples. Longman, 2003. 341–359 (with Johndan Johnson-Eilola).

### Pedagogical Software

*Business Writing for CommonSpace*. Boston: Sixth Floor Media/Houghton-Mifflin, unreleased (with Johndan Johnson-Eilola).

### Software Reviews

"A Little Help On The Side." *PC Computing* September (1989): 66, 68.

"Trouble Learning WordPerfect? Get SuperHelp." *PC Computing* May (1989): 54.

"Everyone Needs a PAL." *PC Computing* April (1989): 56.

"ZEdit: The Software Rose." *PC Computing* March (1989): 42.

"Making the Grade." *PC Computing* February (1989): 58.


**PRESENTATIONS**

***Invited Talks, Workshops, and Webinars***

"Artificial Intelligence in the Humanities Classroom: Starting Points." School of Humanities, Penn State Harrisburg, Middletown, PA, October 14, 2024. Online.

"Johndan Johnson-Eilola, Artificial Intelligence, and a Pedagogy of Learning." Association for Computing Machinery Annual Conference on the Design of Communication, Arlington, VA, October 2024. Keynote Address. Online.

"Framing AI for Curriculum Reform." Department of English, Iowa State University, Ames, IA, April 2024. Online.

"Artificial Intelligence and the Student Experience: Challenges and Opportunities." Unizin Virtual Summit, April 2024. Keynote Panel. Online.

"An Artificial Intelligence Manifesto for Technical Communication Programs." Online Symposium on Artificial Intelligence and the Teaching of Technical Communication, Utah Valley University, UT, March 2024. Keynote Address. Online.

"AI Writing/Writing AI." Bedford/St. Martin's 7th Annual WPA/Writing Director Workshop: AI and Academic Integrity in First-Year Composition, New York, NY, October 2023. Keynote Address.

"Thinking Postcritically About Artificial Intelligence: An Agenda for Action." Mont Alto Day of Enrichment, Penn State Mont Alto, Mont Alto, PA, August 2023. Keynote Address. Online.

"Artificial Intelligence and Writing Instruction." A Workshop for AI Developers, Macmillan Learning, Austin, TX, June 2023. Online.

"What Does an AI Robot Have to Say About Cheryl Glenn?" A Symposium on Feminist Rhetorics in Celebration of Dr. Cheryl Glenn, Penn State University, University Park, PA, April 2023.

"Prompting Robots." Terminator or Transformer: ChatGPT Has Arrived in Our Classrooms. What Now? Macmillan Learning, April 2023. Online.

"ChatGPT in Higher Education: Mapping the Issues." School of Education, University of Desarrollo, Santiago, Chile, March 2023. Keynote Address. Online.

"Thinking Like an Object." SpeedCon Conference, Department of English, North Carolina State University, Raleigh, NC, April 2022 (with Johndan Johnson-Eilola). Keynote Address. Online.

"Teaching Technical Communication Online." Teaching Technical Communication: A Conversation with Stuart Selber, Macmillan Learning, November 2020. Online.

"Workplace Writing in the 21st Century: What We Have Learned from Research." School of Management, Bucknell University, Lewisburg, PA, November 2016.

"Teaching and Learning in a Digital Age: Agents, Infrastructures, Pedagogies." Department of Writing, Rhetoric, and Discourse, DePaul University, Chicago, IL, October 2014.

"Teaching Computer-Born Students." School of Writing, Rhetoric, and Technical Communication, James Madison University, Harrisonburg, VA, October 2012. Lecture Series on Technological Investigations.

"Writing and Reading with Tablet Computers: A Conceptual Framework for Teachers." Department of English, University of Wyoming, Laramie, WY, October 2012. L.L. Smith Visiting Speaker Series.

"iPads and Technical Communication." Conference on Applying Research in Practice, Society for Technical Communication, Arlington, VA, November 2011. Online.

"Digital Literacy Futures." Biannual Composition Conference, University of New Hampshire, Durham, NH, October 2007. Keynote Address.

"Pedagogical Dynamics of Academic Computing." Center for Teaching and Learning, University of Denver, Denver, CO, April 2007.

"Beyond Napster: Public Policies and Digital Economics." Writing in Digital Environments Conference, Michigan State University, East Lansing, MI, April 2006.

"The Landscape of Literacy in a Digital Age." Department of English, Virginia Polytechnic Institute and State University, Blacksburg, VA, September 2005.

"A Spatial Approach to Usability." Department of English, Virginia Polytechnic Institute and State University, Blacksburg, VA, September 2005.

"Mapping the Landscape of Computer Literacy." Fordham University Graduate School of Education Summer Literacy Institute, New York, NY, July 2005.

"Literacy and Technology: Myths, Realities, and Action Plans." University Writing Programs, University of New Hampshire, Durham, NH, April 2005.
"What Constitutes Computer Literacy?" Department of Writing, Rhetoric, and American Cultures, Michigan State University, East Lansing, MI, November 2004. Distinguished Speaker Series.

"Designing the Technical Writing Service Course for Web-Based Delivery." Department of English, Texas A&M University, College Station, TX, October 2004.

"Computer Literacy for the Future: New Directions for Technical and Scientific Communicators and Managers." MTSC Reunion Conference, Department of English, Miami University, Oxford, OH, October 2003.

"Reimagining Computer Literacy." Department of English, University of Maryland, College Park, MD, April 2001.

"Professional Writing in an Electronic Age: Issues for Educators." Department of English, Purdue University, West Lafayette, IN, November 1999. Hutton Multidisciplinary Lecture Series.

"Thinking, Teaching, Doing: Frameworks for Technical Communication." Department of Rhetoric and Writing, University of Arkansas at Little Rock, Little Rock, AR, May 1999 (with Johndan Johnson-Eilola).

"Literacy, Technology, and the Nature of Change." Department of English, University of Wisconsin-Milwaukee, Milwaukee, WI, September 1997. Business and Technical Writing Lecture Series.

"HyperCard for the English Classroom." Summer Institute for Computers in Writing-Intensive Classrooms, Michigan Technological University, Houghton, MI, June 1994 (with Anne Wysocki).

## Conference Papers

"Refiguring Bias in AI-Generated Images." Annual Conference of the Association of Teachers of Technical Writing, June 2024 (with Eric York). Online.

"Domesticating ChatGPT." Annual Conference of the Association of Teachers of Technical Writing, June 2023. Online.

"Makerspaces, Assemblage, Technical Communication." Annual Convention on College Composition and Communication, March 2022 (with Johndan Johnson-Eilola). Online.

"Design Statements for Online Courses." Annual Meeting of the Council for Programs in Technical and Scientific Communication, October 2021. Online.

"Historical Commonplaces for Writing and Communication Technologies." Annual Conference of the Association of Teachers of Technical Writing, Milwaukee, WI, March 2020. Postponed until the online conference in 2021 because of COVID-19.

"Performing Institutional Engagement in Technological Contexts." Annual Convention on College Composition and Communication, Pittsburgh, PA, March 2019.

"The Spatial Politics of Technical Communication." Annual Conference of the Association of Teachers of Technical Writing, Kansas City, KS, May 2018.

"Cultivating Supportive Institutional Environments for Multimodal Projects." Annual Convention on College Composition and Communication, Portland, OR, March 2017.

"Building and Managing a Digital English Studio." The Keystone Digital Humanities Conference, Pittsburgh, PA, June 2016 (with Daniel Tripp and Leslie Mateer).

"User Advocacy in Academic IT Contexts." Annual Conference of the Association of Teachers of Technical Writing, Houston, TX, April 2016.

"Reinstitutionalizing Online Learning." Annual Convention on College Composition and Communication, Tampa, FL, March 2015.

"How Accessible Are Campus IT Departments?" Annual Convention on College Composition and Communication, Indianapolis, IN, March 2014.

"Historical Dimensions of Institutional Data Streams: Implications for Technical Communication." Annual Conference of the Association of Teachers of Technical Writing, Indianapolis, IN, March 2014.

"14 Original Heuristics for Solving Writing Problems: A Roundtable in Tweets." Annual Convention on College Composition and Communication, Las Vegas, NV, March 2013.

"iPads in the Technical Communication Classroom: A Research Update and Heuristic." Annual Conference of the Association of Teachers of Technical Writing, Las Vegas, NV, March 2013 (with Michael J. Faris).

"A Crash Course in Cultural and Pedagogical Negotiation: Lessons from an International ESL Writing and Technical Editing Collaboration." Annual Conference of the Association of Teachers of Technical Writing, Las Vegas, NV, March 2013 (with Alexis Hart, Guiseppe Ghetto, and Steve Benninghoff).

"Global Pedagogies for Technical Communication." Annual Conference of the Association of Teachers of Technical Writing, St. Louis, MO, March 2012 (with Johndan Johnson-Eilola).

"Intra-Institutional Partnerships for Technical Communication." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Harrisonburg, VA, October 2011.

"The Ideological Functions of Institutional Policy Statements in Digital Contexts." Annual Convention on College Composition and Communication, Atlanta, GA, April 2011.

"iPads in the Technical Communication Classroom." Annual Conference of the Association of Teachers of Technical Writing, Atlanta, GA, April 2011 (with Michael J. Faris).

"Remixing Reading Contexts: e-Reading in Academic Settings." Annual Convention on College Composition and Communication, Louisville, KY, March 2010.

"Writing Institutions: Technologies, Literacies, and the Prospects for Change." Annual Convention on College Composition and Communication, New Orleans, LA, April 2008.

"Institutional Identities and Academic Computing." Annual Convention on College Composition and Communication, New York, NY, March 2007.

"Plagiarism, Originality, Assemblage." Annual Convention on College Composition and Communication, Chicago, IL, March 2006 (with Johndan Johnson-Eilola).

"The Changing Shapes of Writing: Rhetoric, New Media, and Composition." Annual Convention of the National Council of Teachers of English, Pittsburgh, PA, November 2005 (with Johndan Johnson-Eilola).

"The Locations of Usability." Thomas R. Watson Conference in Rhetoric and Composition, Louisville, KY, October 2004 (with Johndan Johnson-Eilola).

"The Rhetoric of/in Interface Design." Annual Convention on College Composition and Communication, San Antonio, TX, March 2004.

"Heuristics for Sustainable Distance Education." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Potsdam, NY, October 2003.

"The Mechanics and Politics of Teaching with Technology Certificates." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Logan, UT, October 2002.

"The Design of Online Literacies." Annual Convention on College Composition and Communication, Chicago, IL, March 2002.

"Sustainable Practices in Distance Education." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Pittsburgh, PA, October 2001.

"Electronic Support Systems for Technical Communication Teachers." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Menomonie, WI, October 2000.

"Computer Classroom Practica in Technical Communication." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Lewes, DE, October 1998.

"Student Perspectives on Technology Critique." Annual Convention on College Composition and Communication, Chicago, IL, April 1998.
"Political and Pedagogical Dimensions of Multimedia Design." Annual Convention on College Composition and Communication, Phoenix, AZ, March 1997.

"Designing Technical Communication Programs: Frameworks for the Computer Age." Annual Convention on College Composition and Communication, Milwaukee, WI, March 1996.

"Training Students for Academic Careers in Technical Communication Programs: Three Challenges for Graduate Programs." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Houghton, MI, September 1995 (with Cynthia L. Selfe).

"Policing Ourselves: Defining the Boundaries of Appropriate Discussion in Online Forums." Computers and Writing Annual Conference, El Paso, TX, May 1995 (with Johndan Johnson-Eilola).

"Empirical Research in the Computer Age: Remarks on User Context." Annual Conference of the Society for Technical Communication, Washington, DC, April 1995.

"Cultural Influences on Hypermedia Instruction." Annual Convention on College Composition and Communication, Washington, DC, March 1995.

"Issues in Technical Communication Instruction: Challenges for the 1990s and Beyond." Annual Conference of the Society for Technical Communication, Minneapolis, MN, June 1994.

"Invisible Curricula: Meeting the Needs of Technical Communication Students over the Next 10 Years." Annual Conference of the Society for Technical Communication, Minneapolis, MN, June 1994.

"The Social Construction of Information Space." Annual Convention on College Composition and Communication, Nashville, TN, March 1994.

"Resisting Technological Inertia in Technical Communication Curricula." Annual Meeting of the Council for Programs in Technical and Scientific Communication, Charlotte, NC, September 1993.

"Rethinking Computer-Related Pedagogy in Technical Communication." Annual Conference of the Society for Technical Communication, Dallas, TX, June 1993.

"Beyond Automation: Hypertext and Technical Communication." Computers and Writing Annual Conference, Ann Arbor, MI, May 1993 (with Johndan Johnson-Eilola).

"Examining Relations Between Computer Technologies and Technical Communication Curricula." Annual Convention on College Composition and Communication, San Diego, CA, March 1993.

"Online Help: Exploring Static Information or Constructing Personal and Collaborative Solutions Using Hypertext." Association for Computing Machinery Annual Conference on Computer Documentation, Ottawa, Canada, October 1992 (with Dickie Selfe, Dan McGavin, Johndan Johnson-Eilola, and Carol Brown).

"From Online to Paper: Why Hypertext Holds Promise for Structuring Paper-Based Documentation." Annual Conference of the Society for Technical Communication, Atlanta, GA, May 1992.

"New Directions in Technical Communication Case Studies: Looking Beyond the Case." Annual Convention on College Composition and Communication, Cincinnati, OH, March 1992 (with Brian Pedell and Catherine Latterell).


## Conference Workshops

"Graduate Student Professionalization Workshop." Annual Conference of the Association of Teachers of Technical Writing, Kansas City, KS, March 2018;

Houston, TX, April 2016; Indianapolis, IN, March 2014; Las Vegas, NV, March 2013; St. Louis, MO, March 2012.

"Student Voices and Sites of Production for Electronic Written, Aural, and Visual Expressions." Annual Convention on College Composition and Communication, New Orleans, LA, April 2008.

"Electronic Written, Aural, and Visual Expressions: Student Compositions, Teacher Pedagogies." Annual Convention on College Composition and Communication, New York, NY, March 2007.

"Research Network Forum." Annual Conference of the Association of Teachers of Technical Writing, San Francisco, CA, March 2005.

"Sustainable Technology-Rich Education: Technological Activism and Learner-Centered Pedagogy." Computers and Writing Annual Conference, Honolulu, HI, June 2004.

"What Does it Mean to Write? English Studies, Technological Activism, and Sustainable Distance Education." Annual Convention on College Composition and Communication, New York, NY, March 2003.

"Teaching the Technical Writing Service Course on the Web." Annual Convention on College Composition and Communication, New York, NY, March 2003.

"Research Roundtable." Annual Conference of the Association of Teachers of Technical Writing, New York, NY, March 2003; Chicago, IL, March 2002.

"Teaching in Industrial Settings." Annual Convention on College Composition and Communication, Chicago, IL, March 2002.

"Technological Contexts in Technical Communication." Annual Convention on College Composition and Communication, Minneapolis, MN, April 2000.

"Teaching Nonacademic Writing: A Workshop for New Teachers." Annual Convention on College Composition and Communication, Chicago, IL, April 1998.

"Developing, Administering, and Assessing Academic Courses and Programs in Technical Communication." Annual Convention on College Composition and Communication, Phoenix, AZ, March 1997.

"Online Support Systems: Tutorials, Documentation, and Help." Association for Computing Machinery Annual Conference on Computer Documentation, Raleigh, NC, October 1996 (with Johndan Johnson-Eilola).

"Technology for Technical and Professional Communicators." Annual Convention on College Composition and Communication, Washington, DC, March 1995.


## ACADEMIC COURSES

### *Penn State University (1998–present)*

ENGL 015: Rhetoric and Composition
ENGL 202: Technical Writing
ENGL 418: Advanced Technical Writing and Editing
ENGL 473: Rhetorics of the Internet
ENGL 487: Senior Seminar in Professional and Media Writing
ENGL 495: Artificial Intelligence Internship
ENGL 584: Rhetorics and Technologies
ENGL 597: Professional Writing and Rhetoric
ENGL 597: Rhetoric and the Digital Humanities
ENGL 597: English Studies Online
ENGL 602: Teaching Technical Writing


### *Texas Tech University (1996–1998)*

ENGL 2309: Technical Writing
ENGL 3365: Professional Report Writing
ENGL 4365: Hypermedia Authoring
ENGL 4367: Software Documentation
ENGL 5371: Foundations of Technical Communication
ENGL 5377: Technology and Discourse
ENGL 7000: Advanced Hypermedia Authoring

***Clarkson University (1995–1996)***

     TC 210: Theory of Rhetoric
     TC 313: Professional Writing
     TC 390: Multimedia Authoring

***Clemson University (1994–1995)***

     ENGL 314: Technical Writing
     ENGL 490/690: Advanced Business and Technical Writing

***Michigan Technological University (1990–1994)***

     HU 102: Writing from Sources
     HU 244: Computer Applications in Communication
     HU 333: Scientific and Technical Communication
     HU 450: Software Documentation

***Northeastern University (1988–1990)***

     ENGL 1111: College Writing
     ENGL 1114: Technical Writing

**NATIONAL SERVICE**

***Executive Committees***

     Member at Large, Association for Computing Machinery Special Interest Group on Design of Communication, 2013–2016.

     President, Association of Teachers of Technical Writing, 2007–2009; Vice President, 2005–2007; Member at Large, 2001–2003.

     Chair, CCCC Committee on Technical Communication, National Council of Teachers of English, 2000–2004, 1996–1998; Committee Member, 1998–2000.

President, Council for Programs in Technical and Scientific Communication, 2000–2002; Member at Large, 1998–2000, 1996–1998.

Administrator, Listserv of the Council for Programs in Technical and Scientific Communication, 1995–2000.

### *Conferences and Grants Programs*

Program Committee, Annual Conference of the Association of Teachers of Technical Writing, 2022; 2013; 2012; 2011.

Program Committee, Association for Computing Machinery Annual Conference on Design of Communication, 2020; 2016; 2015; 2013; 2012; 2010; 2009; 2003.

Stage One Reviewer, Annual Convention on College Composition and Communication, 2019; 2018; 2017; 2016; 2015; 2014; 2013; 2012; 2011; 2010; 2007; 2004; 1998; 1997.

Program Committee, Annual Meeting of the Council for Programs in Technical and Scientific Communication, 2012; 2011; 2008.

Program Committee, Computers and Writing Annual Conference, 2011; 2010; 2007.

Program Committee, Association for Computing Machinery Annual Conference on Designing Interactive Systems, 2008; 2006.

Conference Committee, Annual Conference of the Association of Teachers of Technical Writing, 2000; 1999; 1998.

Conference and Program Co-Chair, Association for Computing Machinery Annual Conference on Computer Documentation, 1999.

Conference Committee, Association for Computing Machinery Special Interest Group on Documentation, 1999; 1998; 1997.

Grant Reviewer, Idaho State Board of Education Specific Research Grant Program, 1998.

Grant Reviewer, University of Western Sydney Research Grant Program, 1998.

Program Chair, Annual Meeting of the Council for Programs in Technical and Scientific Communication, 1997.

Proposal Reviewer, Annual Conference of the Society for Technical Communication, 1994.

### *Journals, Presses, and Awards*

Editorial Board Member, *Computers and Composition*, 1995–present; *Technical Communication Quarterly*, 1995–present; *Journal of Business and Technical Communication*, 2005–present; *Programmatic Perspectives*, 2013–present; *CCC Online*, 2010–2016; Studies in Writing and Rhetoric series, 2006–2008; *Journal of Technical Writing and Communication*, 2004–2008; *Academic.Writing*, 2000–2004; *Journal of Computer Documentation*, 1999–2000.

Journal Referee, *College Composition and Communication*, *College English*, *IEEE Transactions on Professional Communication*, *Journal of Advanced Composition*, *Rhetoric Society Quarterly*, *Technical Communication*, *The Writing Instructor*, ongoing.

Reviewer for Book Proposals and Manuscripts, Ablex Publishing, Addison-Wesley, Allyn and Bacon, Bedford/St. Martin's, Harcourt Brace, Harper Collins, H.H. Langlin, Oxford University Press, Palgrave Macmillan, Prentice Hall, Southern Illinois University Press, University of Chicago Press, ongoing.

Judge, Distinguished Book Award, *Computers and Composition*, 2023.

Committee Member, Nominating Committee for J. R. Gould Award, Society for Technical Communication, 2022.

Judge, Nell Ann Picket Award for Best Article in *Technical Communication Quarterly*, Association of Teachers of Technical Writing, 2020; 2011.

Committee Member, Search Committee for Editor-in-Chief of *Technical Communication*, Society for Technical Communication, 2019–2020.

Committee Member, Fellows Selection Committee, Association of Teachers of Technical Writing, 2019; 2018.

Chair, Distinguished Service Selection Committee, Council for Programs in Technical and Scientific Communication, 2014.

Judge, Graduate Research Award, Association of Teachers of Technical Writing, 2014.

Technology Adviser, Pearson English Media, 2011–2012, 2007–2008; Bedford/St. Martin's, 1999–2000.

Judge, Best Book and Best Collection of Essays in Technical or Scientific Communication, National Council of Teachers of English, 2006; 2003; 2000; 1999.

Book Review Editor, *Technical Communication Quarterly*, 1995–1998.

Associate Editor for Communication Technologies, *IEEE Transactions on Professional Communication*, 1995–1997.

Judge, Ken Caird Student Article Competition, Society for Technical Communication, 1997.

Chair, Hugh Burns Dissertation Award Committee, *Computers and Composition*, 1996; Committee Member, 2003.

Judge, Graduate Student Paper Competition, Association for Computing Machinery Special Interest Group on Documentation, 1996.

### *External Reviewer*

External Reviewer, Tenure and Promotion Cases:
- University of Texas, 2024
- Arizona State University, 2023, 2014
- Ohio State University, 2023, 2013
- University of Mississippi, 2023
- University of Wisconsin at Superior, 2023
- University of Florida, 2022
- University of Miami, 2022
- University of California at Davis, 2021

- University of Illinois, 2021
- University of Maryland, 2021
- Brigham Young University, 2019
- Colorado State University, 2019
- Michigan State University, 2019, 2013, 2007, 2006
- University of Colorado at Colorado Springs, 2019
- University of South Carolina, 2018
- University of Virginia, 2018
- Texas Tech University, 2017
- University of Kentucky, 2017
- DePaul University, 2016
- State University of New York at Buffalo, 2015
- Syracuse University, 2015
- Kent State University, 2013
- George Mason University, 2012
- University of Maryland at Baltimore County, 2012
- West Virginia University, 2011
- University of Central Florida, 2010
- University of Rhode Island, 2010
- Drexel University, 2009
- Clemson University, 2008, 2004
- University of Wyoming, 2008
- University of Wisconsin at Milwaukee, 2007
- Iowa State University, 2006
- North Carolina State University, 2006
- University of Arizona, 2006
- Auburn University, 2005
- University of Nevada, 2005
- Utah State University, 2005
- Carnegie Mellon University, 2004

External Reviewer, Web and Digital Media Development Program, Department of Mathematics and Computing, University of Wisconsin Stevens Point, 2007.

External Reviewer, Post-Tenure Evaluation, Fitchburg State College, 2006.

External Reviewer, Sabbatical Proposal, Boise State University, 2005.

**LOCAL SERVICE (PENN STATE)**

*Administrative Positions*

Director, Program in Writing and Rhetoric, Department of English, 2023–present; 2006–2012.

Director, Digital Education, Department of English, 2013–present.

Director, Penn State Digital English Studio, 2012–present.

Departmental Representative, Teaching with Technology Certificate, 2001–present. Certificate earners:
- Robert Nguyen, 2024
- Ash Mayes, 2024
- Audrey Saxton, 2022
- Emily Smith, 2021
- Nathan Voeller, 2020
- Layli Miron, 2018
- Samantha Dickinson, 2016
- Paul Zajac, 2014
- Leslie Mateer, 2014
- Jan Babcock, 2014
- Ethan Mannon, 2014
- Heather Adams, 2013
- Molly Lehman, 2013
- Sarah Salter, 2013
- Rachel Bara, 2012
- Amanda Passmore, 2012
- Alison Jaenicke, 2012
- Nicole Egley, 2012
- Sarah Summers, 2012
- Emily Baldys, 2011
- Kimberly Andrews, 2010
- Jeannette Novakovich, 2010
- Rachel Mennies, 2010
- Sarah Birge, 2008
- Karlys White, 2008
- Lindsey Jones, 2007
- Rebecca Wilson Lundin, 2007
- Verna Kale, 2006

- Allison Schuette, 2005
- Kristin Jacobson, 2004
- Breyan Strickler, 2002
- Elisa Beshero-Bondar, 2001
- Jordynn Jack, 2001

Professor in Charge, Technical Writing Minor, Department of English, 1998–present.


### *Dissertation Committees*

Committee Chair:
- Kristina Bowers, in progress
- Sydney Zimmerman, in progress
- Gabriel Aguilar, 2024
- John Seabloom-Dunne, 2023
- Nathan Voeller, 2021
- Ashley Rea, 2021 (co-chair with Debra Hawhee)
- Matthew Weiss, 2015 (co-chair with Cheryl Glenn)
- Michael Faris, 2012

Committee Member:
- Sierra Parker, in progress
- Shannon McClellan Brooks, in progress
- Richard Wirth, in progress, (Information Sciences and Technology)
- Michael Young, 2024
- Ray Rosas, 2023
- Allan Gyorke, 2022 (Learning and Performance Support)
- Emily Smith, 2021
- Curry Kennedy, 2021
- Megan Poole, 2020
- Shannon Stimpson, 2020
- Robert Hein, 2019 (Learning and Performance Support)
- Jeremy Johnson, 2018 (Communication Arts and Sciences)
- Matthew Kelly, 2017 (University of Pittsburgh)
- Laura Brown, 2016
- Sarah Summers, 2014
- Honglu Du, 2012 (Information Sciences and Technology)
- Katie Retzinger, 2012 (Old Dominion University)
- Rebecca Wilson Lundin, 2010

- Jessica Sheffield, 2010 (Communication Arts and Sciences)
- Kevin Browne, 2009
- Shannon Walters, 2008
- Marika Seigel, 2006
- Jordynn Jack, 2005
- Valerie Hanson, 2004
- Jeremiah Dyehouse, 2004
- Adam Banks, 2003
- Keith Gibson, 2003

## *PhD Examination Committees*

- Lauren Beard, 2021
- Doug Kulchar, 2019
- John Belk, 2012
- Antonio Ceraso, 2004
- Trey Conner, 2004

## *Departmental Committees*

Administrative Committee, 2006–present.

Rhetoric and Composition Search Committee, 2023–2024; 2017–2018 (Chair); 2008–2009; 2004–2005; 2002–2003; 2000–2001; 1999–2000.

AC14 Review Committee for Department Head, 2022–2023.

Ad Hoc Committee on Digital Scholarship, 2022–2023.

21st-Century Visual Culture Search Committee, 2018–2019.

Hiring Planning Committee, 2016–2017.

Critical Media Studies Search Committee, 2014–2015.

Technology Specialist Search Committee, 2009–2010.

Graduate Studies Committee, 2003–2005.

Composition Committee, 2002–2003; 1999–2000.

Ad Hoc Web Site Committee, 1999–2000.

Curriculum Revision Committee, 1998–1999.

### *College and University Committees*

Artificial Intelligence Exploratory Committee, College of the Liberal Arts, 2024–present.

GWS–WAC Task force, 2024–present.

Teaching and Learning with Technology Faculty Advisory Committee, Information Technology Services, 2023–present.

Writing Subcommittee, Faculty Senate Committee on Curricular Affairs, 2023–present.

Artificial Intelligence Working Group, 2022–present.

Participant, IT Optimized Service Team Workshops, 2024.

Search Committee, Vice President for Information Technology and Chief Information Officer, 2023–2024.

Faculty Review Committee, Teaching and Learning with Technology Impact Award, Information Technology Services, 2021–2022.

Liberal Arts Information Technology Advisory Committee, 2019–2021.

RGSO Graduate Award Review Committee, College of the Liberal Arts, 2019–2021.

Search Committee, Director of Education Technology Services, Information Technology Services, 2013.

Instructional Technology Planning Committee, Information Technology Services, 2012–2013.

Penn State Faculty Advisory Committee on Academic Computing, 2007–2012.

Search Committee, Research Project Manager, Information Technology Services, 2012.

Bachelor of Arts Curriculum Committee, College of Information Sciences and Technology, 2009–2010.

Search Committee, Assistant to the Director of Outreach and Online Education, College of the Liberal Arts, 2009.

Undergraduate Curriculum Committee, Science, Technology, and Society Program, 2008–2009.

Advisory Board Member, Science, Medicine and Technology in Culture Initiative, 2006–2008.

Business/Liberal Arts Minor Committee, College of the Liberal Arts, 2003–2007.

Program Committee, Science, Technology, and Society Program, 2005–2006.

College of the Liberal Arts Computer Committee (chair), 2003–2005.

Technical Communication Certificate Program, Outreach and Cooperative Extension (faculty chair), 2000–2004.

Ad Hoc Computer Committee, College of the Liberal Arts, 1999–2000.


### Other Activities

Faculty Affiliate, Center for Socially Responsible Artificial Intelligence, 2024–present.

Faculty Speaker, Penn State English Faculty Fall Conference, 2006–20012; 2023–present.

Advisory Board Member, Digital Culture and Media Initiative, Department of English, 2014–present.

Faculty Affiliate, College Coordinators of Online Teaching and Learning, College of the Liberal Arts, 2013–present.

Faculty Fellow, Teaching and Learning with Technology, 2009–present.

Faculty Affiliate, Center for Democratic Deliberation, 2009–present.

Affiliate Professor, College of Information Sciences and Technology, 2006–present.

Faculty Adviser, Penn State Triathlon Club, 2006–present.

Faculty Speaker, Penn State Board of Trustees Meeting, Committee on Academic Affairs, Research, and Student Life, 2023.

Faculty Speaker, Eberly College of Science, Food for Thought Discussion Series, 2023.

Faculty Speaker, Penn State Mont Alto Day of Enrichment, 2023.

Home Institution Mentor for Gabriel Aguilar, Robert Wood Johnson Foundation Health Policy Research Scholars Program, Johns Hopkins University, 2021–2024.

Faculty Speaker, Graduate Study in the Humanities: A Big Ten Conversation, Penn State University, 2015.

Administrative Fellow, Teaching and Learning with Technology, 2013–2015.

Undergraduate Honors Thesis Adviser, Denise Bartolome, 2014; Amanda Rooker, 2001.

Faculty Speaker, Liberal Arts Scholarship and Technology Summit, 2014; 2013; 2012.

Faculty Speaker, Learning Design Summer Camp, 2013; 2009.

Faculty Participant, CIC Digital Humanities Summit, University of Nebraska, Lincoln, 2012.

Faculty Participant, Advisory Board for Digital Technologies, College of the Liberal Arts, 2010–2012.

Faculty Affiliate, Science, Technology, and Society Program, 2007–2012.

Faculty Speaker, Penn State Symposium for Teaching and Learning with Technology, 2011; 2010; 2009.

Faculty Speaker, Penn State e-Education Council, 2011; 2010.

Faculty Speaker, Penn State Briefing for Apple Computer Executives in Higher Education, 2010.

Conference Chair, 20th Penn State Conference on Rhetoric and Composition, 2007.

Faculty Participant, Penn State Encampment Retreat, 1999.


**GRANTS AND OTHER AWARDS**

Faculty Engagement Award, Teaching and Learning with Technology, Penn State University, 2024.

Faculty Fellowship, Center for Humanities and Information, Penn State University, 2016. $9,000.

Paperless Grading Initiative Grant, Education Technology Services, Penn State University, 2014. $4,000 (with Daniel Tripp).

Sabbatical Research Leave, College of the Liberal Arts, Penn State University, 2012; 2005.
Digital English Studio Grant, College of the Liberal Arts, Penn State University, 2011. $50,000 (with Daniel Tripp).

Workshop for Technology in English Education, College of Education, Penn State University, 2011. $1,000.

iPad Research Grant, Education Technology Services, Penn State University, 2010. $25,000.

Faculty Fellowship, Education Technology Services, Penn State University, 2009. $3,000.

Sony Reader Research Grant, Sony Electronics and Penn State University, 2008.

Web Site Development Grant, College of the Liberal Arts, Penn State University, 2007. $65,000.

Undergraduate Education Grant, Penn State University, 2007. $2,000.

Research and Graduate Studies Office Grant, Penn State University, 2004. $4,000.

President's Fund Grant for Distance Learning, Penn State University, 2000. $25,000.

Fund for Excellence in Learning and Teaching Grant, Penn State University, 1999. $4,000.

Della A. Whitaker Graduate Scholarship, Society for Technical Communication, 1992.

Summer Research Fellowship, Michigan Technological University, 1991.

Huhtala Award in Scientific and Technical Communication, Michigan Technological University, 1991.

Helen M. Loeb Memorial Scholarship, Northeastern University, 1990.


## HONORS AND RECOGNITIONS

Fellow, Association of Teachers of Technical Writing, 2013.

Finalist, The Hugh Burns Dissertation Award, *Computers and Composition*, 1995.

Teaching Excellence Honor Roll, Michigan Technological University, 1993.

Macintosh Certification, Apple Computer, 1988.

Apple Support Coordinator Certification, Apple Computer, 1988.

Certificate of Achievement, The United States Department of Agriculture, 1985.

**MEDIA INTERVIEWS**

*The Daily Collegian*. August 5, 2024. Print journalism. "Penn State Faculty Discusses AI Use in Academia."
> https://tinyurl.com/nbjbeh62

New York Public Radio. February 13, 2023. Radio interview on The Brian Lehrer Show. "How is Chat GPT changing education?"
> https://tinyurl.com/47x3dx36

Pittsburgh National Public Radio. February 7, 2023. Radio interview on The Confluence. "Artificial intelligence can now write essays and stories, but not all educators are worried it will help students cheat."
> https://tinyurl.com/2p8tvh53

*Business Insider*. December 18, 2022. Print journalism. "Cheating on your college essay with ChatGPT won't get you good grades, say professors—but AI could make education fairer."
> https://tinyurl.com/mt56u3nv


**PROFESSIONAL AFFILIATIONS**

- National Council of Teachers of English

- Conference on College Composition and Communication

- Association of Teachers of Technical Writing

- Council for Programs in Technical and Scientific Communication

- Society for Technical Communication

- Phi Kappa Phi National Honor Society


**INDUSTRY CONSULTING**

- Beyond Incorporated

- DuPont Company

- Editorial Services of New England

- Enstrom Helicopter Corporation

- Lotus Development Corporation

- Micron Technology

- Transition Systems

- West One Bancorp