

JEAN GOODWIN

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Areas of special interest

Contemporary and classical traditions of oratory.
Theories of argumentation, especially as illuminating civic deliberation.
Communication of science in civic controversies.
Scholarship of teaching and learning argumentation.

Education

University of Wisconsin–Madison, Department of Communication Arts, Program in Rhetoric, Ph.D., 1996. Dissertation: *Dignity and civic persuasion in Cicero's republic*.
University of Chicago Law School, J.D., 1984.
The College, University of Chicago, B.A., mathematics with collegiate honors, 1979.
The Massachusetts Institute of Technology, major in mathematics and language & mind, 1977-1979.

Employment

Professor (2016-present), Department of Communication, convener, Leadership in Public Science faculty cluster, and member, Communication, Rhetoric & Digital Media program, North Carolina State University.
Professor (2012–present), associate professor (2006-2012), and assistant professor (2002-2006), Department of English, Program in Speech Communication, Iowa State University.
Visiting FIRST Scholar, University of Colorado–Boulder, Summer 2011.
Assistant professor, Department of Communication Studies, and adjunct professor of law, 1997-2002; visiting assistant professor, Northwestern University, 1995-1997.
Teaching assistant, University of Wisconsin–Madison, 1991-1994.
Attorney on staff, Legal Assistance Foundation of Chicago and private practice; Heat Receiver for the City of Chicago, 1984-1989.

Publications

Note: copies of most publications can be found on my website, jeangoodwin.net

Priest, Susanna, Goodwin, Jean, & Dahlstrom, Michael F. (Eds.). (2018, forthcoming). *Ethics and Practice in Science Communication*. Chicago: University of Chicago Press.
Goodwin, Jean. (2018, forthcoming). Effective because ethical: Speech act theory as a framework for scientists' communication. In Susanna Priest, Jean Goodwin & Michael

- Dahlstrom (Eds.). *Ethics and Practice in Science Communication*. Chicago: University of Chicago Press. 29 pp.
- Goodwin, Jean. (2016). *Confronting the challenges of public participation: Issues in environmental, planning and health decision-making. Proceedings of a symposium at Iowa State University, June 3-4, 2016*. Charleston, SC: CreateSpace.
- Goodwin, Jean. (2015). Comment exercer une autorité experte? Un scientifique confronté aux Sceptiques. [How to exercise expert authority: A case study of a scientist facing The Sceptics.] *Argumentation et Analyse du Discours*, 15. Retrieved from <https://aad.revues.org/2035>
- Goodwin, Jean. (2014). Conceptions of speech acts in the theory and practice of argumentation: A case study of a debate about *advocating*. *Studies in Logic, Grammar & Rhetoric*, 36, 79-98.
- Goodwin, Jean. (2014). Lippmann, the indispensable opposition. In Brian Jackson & Gregory Clark (Eds.), *Trained capacities: John Dewey, rhetoric, and democratic practice* (pp. 142-158). Columbia, SC: University of South Carolina Press.
- Goodwin, Jean, & Dahlstrom, Michael. (2014). Communication strategies for earning trust in climate change debates. *WIREs: Climate Change*, 5(1), 151-160.
- Goodwin, Jean. (2013). L'autorità di Wikipedia. *Sistemi Intelligenti*, 25, 9-38.
- Goodwin, Jean, Dahlstrom, Michael F., & Priest, Susanna. (Eds.). (2013). *Ethical issues in science communication: A theory-based approach. Proceedings of a symposium at Iowa State University, May 30-June 1, 2013*. Charleston, SC: CreateSpace.
- Goodwin, Jean, & Priest, Susanna. (2012). Editors' note [to theme issue on science communication ethics]. *Science Communication*, 34, 563-565.
- Goodwin, Jean. (Ed.). (2012). *Between scientists & citizens: Proceedings of a conference at Iowa State University, 1-2 June, 2012*. Ames, IA: GPSSA.
- Goodwin, Jean. (2011). Accounting for the appeal to the authority of experts. *Argumentation*, 25, 285-296.
- Herndl, Carl, Goodwin, Jean, Honeycutt, Lee, Wilson, Greg, Graham, Scott, & Niedergeses, David. (2011). Talking sustainability: Identification and division in an Iowa community. *Journal of Sustainable Agriculture*, 35, 436-461.
- Goodwin, Jean. (2010). Trust in experts as a principal-agent problem. In Chris Reed & Christopher W. Tindale (Eds), *Dialectics, dialogue, and argumentation* (pp. 133-143). London: College Publications.
- Goodwin, Jean, & Cortes, Viviana. (2010). Theorists' and practitioners' spatial metaphors for argumentation: A corpus-based approach. *Verbum*, 23, 163-178.
- Goodwin, Jean. (2009). Actually existing rules for closing arguments. In F. H. van Eemeren & B. Garrsen (Eds.), *Pondering on problems of argumentation* (pp. 287-298). Dordrecht, Netherlands: Springer.

- Goodwin, Jean, & Honeycutt, Lee. (2009). When science goes public: From technical arguments to appeals to authority. *Studies in Communication Sciences*, 9, 125-136.
- Goodwin, Jean. (2007). Argument has no function. *Informal Logic*, 27, 69-90. (Reprinted as A argumentação não tem função, 2010, *Comunicação e Sociedade*, 16, 123-144)
- Goodwin, Jean. (2007). Theoretical pieties, Johnstone's impiety, and ordinary views of argumentation. *Philosophy & Rhetoric*, 40, 36-50. (Reprinted in *Philosophy and rhetoric in dialogue: Redrawing their intellectual landscape*, pp. 36-50, by G. A. Hauser, Ed., 2008, University Park, PA: Pennsylvania State University Press)
- McAndrews, Gina, Goodwin, Jean, & Mullen, Russ E. (2006). Using environmental and ethical issues for debate in an introductory agronomy course. *North American Colleges & Teachers of Agriculture Journal*, 54-61. (Received outstanding journal article award)
- Goodwin, Jean. (2005). Designing premises. In F. H. van Eemeren & P. Houtlosser (Eds.), *Argumentation in practice* (pp. 99-114). Amsterdam, Netherlands: Benjamins.
- Goodwin, Jean. (2005). The public sphere and the norms of transactional argument. *Informal Logic*, 25, 151-165.
- Goodwin, Jean. (2005). What does arguing look like? *Informal Logic*, 25, 79-93.
- Goodwin, Jean. (2003). Students' perspectives on debate exercises in content area classes. *Communication Education*, 52, 157-163.
- Goodwin, Jean. (2002). Designing issues. In F. H. van Eemeren et al. (Eds.), *Dialectic and rhetoric: The warp and woof of argumentation analysis* (pp. 81-96). Amsterdam, Netherlands: Kluwer.
- Goodwin, Jean. (2002). We should be studying the norms of debate. In G. T. Goodnight et al. (Eds.), *Arguing communication & culture: Selected papers from the Twelfth NCA/AFA Conference on Argumentation* (pp. 51-58). Washington, DC: National Communication Association.
- Goodwin, Jean. (2001). Cicero's authority. *Philosophy & Rhetoric*, 34, 38-60.
- Goodwin, Jean. (2001). Henry W. Johnstone's still unacknowledged contributions to contemporary argumentation theory. *Informal Logic*, 21, 41-50. (Reprinted in *Henry W. Johnstone: The dialogue of philosophy & rhetoric*, pp. 19-31, by G.A. Hauser, Ed., 2005, Pittsburg: Pennsylvania Communication Association)
- Goodwin, Jean. (2001). The noncooperative pragmatics of arguing. In E.T. Nemeth (Ed.), *Pragmatics in 2000: Selected papers from the 7th International Pragmatics Conference, Vol. 2* (pp. 263-277). Antwerp, Belgium: International Pragmatics Association.
- Goodwin, Jean. (2001). Wigmore's chart method. *Informal Logic*, 20, 223-243.
- Goodwin, Jean. (2000). Comments on [Jacobs's] Rhetoric and dialectic from the standpoint of normative pragmatics. *Argumentation*, 14, 287-292.
- Goodwin, Jean. (2000). Three faces of the future. *Argumentation & Advocacy*, 37, 71-85.

- Leff, Michael, & Goodwin, Jean. (2000). Dialogic figures and dialectical argument in Lincoln's rhetoric. *Rhetoric & Public Affairs*, 3(1), 59-69.
- Goodwin, Jean. (1998). Deliberation and character. In J. F. Klumpp (Ed.), *Argument in a time of change: Definitions, frameworks, and critiques; Proceedings of the Tenth NCA/AFA Conference on Argumentation, 1997* (pp. 70-74). Annandale, VA: National Communication Association.
- Goodwin, Jean. (1998). Forms of authority and the real *ad verecundiam*. *Argumentation*, 12, 267-280.
- Goodwin, Jean. (1997). Deliberation in the ancient Roman Senate. *Parliamentary Journal*, 38(1), 33-36.
- Goodwin, Jean. (1995). Perelman, adhering and convictions. *Philosophy and Rhetoric*, 28, 215-233.
- Goodwin, Jean, Kaplan, Jack S., & Lyon, Audrey G. (1989). Receivership. In *Representing Residential Tenants*. Springfield: Illinois Institute for Continuing Legal Education.

Selected research grants and honors

- Co-PI, Water and climate change (WACC): Building community consensus for a sustainable future, ISU College of Liberal Arts & Sciences Signature Research Initiative grant (\$330K), 2013-2016. Integrate models of economic, hydrologic, and climate systems to support community water use decision-making.
- PI (with co-PIs Michael Dahlstrom, Mari Kemis, & Clark Wolf), Cases for teaching the responsible communication of science, National Science Foundation, Ethics Education in Science & Engineering program (\$250K), 2012-2016. Researching and developing teaching materials on 9 cases of challenging science communication.
- PI (with several co-PIs), Symposium Grant, ISU Center for Excellence in the Arts & Humanities, to fund the 5th ISU Summer Symposium on Science Communication, 2015-2016.
- Faculty Professional Development Assignment (sabbatical), Iowa State University; 2007-8 and 2015-16.
- Small Research Grants, ISU College of Liberal Arts & Sciences, 2009, 2010, 2012, 2014.
- Faculty Leader in the NSF-funded Strengthening the Professoriate @ISU initiative, 2011-2013. Creating a culture of broader impacts among STEM faculty at ISU.
- PI (with Michael Dahlstrom & Kevin DelaPlante), Promoting ethical and effective communication of science in policy controversies, ISU Center for Excellence in the Arts & Humanities, Seed Grant for Collaborative Research (\$30K), 2010-2013.
- Foreign Travel Grants, Iowa State University, 2005, 2007, 2013.
- The rhetorical force of the appeal to expert authority, National Endowment for the Humanities, Summer Stipend, 2010.
- Co-PI, Improving communication and cooperation between diverse stakeholders: Mapping the rhetorical terrain of the bioeconomy, ISU Center for Excellence in the Arts & Humanities, Collaborative Grant (\$15K), 2008-2009.

Co-PI, Sustaining the earth: Public scholarship in the arts and humanities, Humanities Iowa, 2008. Support for ISU's Center for Excellence in the Arts & Humanities.

Fellowship, ISU Center for Excellence in the Arts & Humanities, 2008.

North American Colleges and Teachers of Agriculture K.B. Knight Award for Outstanding Journal Article for McAndrews, Goodwin, & Mullen, Using environmental and ethical issues for debate in an introductory agronomy course, 2007.

Outstanding Student Paper, American Society for the History of Rhetoric, 1995.

Charlotte W. Newcombe Doctoral Dissertation Fellowship, 1994-1995.

Nichols-Ehninger Award for Best Graduate Student Paper, Rhetorical and Communication Theory Division, Speech Communication Association, 1994.

Outstanding Debut Paper Award, Public Address Division, Speech Communication Association, 1994.

University Fellowship, University of Wisconsin–Madison, 1992-1993.

Honors, doctoral candidacy exams, 1992.

Mellon Fellowship in the Humanities, 1989-1991.

Invited participation

Main instructor, European Conference on Argumentation Summer School “Argumentation and Inference.” Università della Svizzera Italiana, June 2017.

Co-organizer, Advocacy by Scientists session, College of Natural Resources, NC State University, March, 2017.

Panel presentation, Communication in the anthropocene. Energy Cultures in the Age of the Anthropocene. University of Iowa, March 2015.

Keynote address, Learning to reason with others. Conference on Reasoning, Argumentation & Critical Thinking Instruction, University of Lund, Sweden, February 2015.

Workshop participant, *Approches empiriques de l'argumentation*/Empirical Approaches to Argumentation, CNRS Laboratoire Communication et Politique, Paris, July 2014.

Lecture, Communicating climate change: Earning trust with diverse audiences. Iowa Climate Science Educators Forum, Drake University, October 2013.

Participant, working group on access to information and citizen engagement, Lewis M. Branscomb Forum on Science, Democracy, and Community Decisions on Fracking, Union of Concerned Scientists, Los Angeles, July 2013; reviewer for the community toolkit, *Science, democracy, and fracking: A guide for community residents and policy makers facing decisions over hydraulic fracturing*. See <http://www.ucsusa.org/center-for-science-and-democracy/events/fracking-forum-toolkit.html>

Co-leader, five-day seminar on argumentation, Rhetoric Society of America Biennial Institute, University of Kansas, June 2013.

Panelist, Workshop on regarding argumentation from a situational perspective, Centre for Research in Reasoning, Argumentation and Rhetoric, University of Windsor, May 2013.

- Lecture, Engineering communication for resilience in the face of controversy. Big Energy Seminar Series, University of Colorado–Boulder, April 2013.
- Martha Tacker Lecture on Science Writing, Between scientists & citizens: How experts can support good decision-making on controversial topics, without getting beaten up in the process. Phi Zeta Research Day, Purdue University College of Veterinary Medicine, April 2013.
- Lecture, with Michael Dahlstrom. Communicating with OTHERS. Sustainable Agriculture Colloquium, Iowa State University, March 2012.
- Lecture, Manufacturing consensus: How the first Intergovernmental Panel on Climate Change mismanaged the authority of science. Department of Communication, University of Kansas, March 2012.
- Participant, Workshop on Advocacy in Science, American Association for the Advancement of Science, 2011-2012.
- Leader, three-day institute on science, controversy, and policy, Rhetoric Society of America Biennial Institute, University of Colorado–Boulder, June 2011.
- Lecture, Assessing expertise in the worst case scenario: Ordinary civic deliberations. Studies in Expertise & Experience workshop (SEESHOP), Cardiff University, June 2011.
- Co-leader, But why is the force with you? Humanists explain persuasive effects. Workshop at the Centre for Research in Reasoning, Argumentation and Rhetoric, University of Windsor, May 2011.
- Lecture, Communication dilemmas in Sust Ag policy debates. Sustainable Agriculture Colloquium, Iowa State University, September 2009.
- Seminar leader representing the rhetoric/communication perspective, Summer Institute on Argumentation, Centre for Research in Reasoning, Argumentation, and Rhetoric, University of Windsor, May-June 2009.
- Lecture, Opening space for argument: Obama at the intersection between science and politics. Presented at One hundred days of rhetoric: The beginning of the Obama administration, the Fifth Annual Conference From the Center for the Study of Rhetoric & Applied Communication, University of Memphis, April 2009.
- Lecture, Small rhetorical citizenship for a big world. Presented at the seminar Begrebet "retorisk medborgerskab" og dets rolle i retorikfaget på universitetsniveau [Rhetorical citizenship & its role in rhetorical education in a university setting], University of Copenhagen, June 2008.
- Lecture, What if arguing is central? Davis Colloquium in honor of J. Z. Smith, University of California–Davis, February 2005.
- Consultation, On the scholarship of teaching & learning. Gustavus Adolphus College, January 2005.
- Lecture, Designing issues. Second Annual Colloquium on Rhetoric and Dialectic, New York, April 2000.

Lecture, Clinton didn't apologize. Northwestern Summer Institute in Communication, Northwestern University, July 1999.

Lecture, On normative pragmatics. First Annual Colloquium on Rhetoric and Dialectics, Amsterdam, July 1999.

Reviews, unedited proceedings, and nontraditional publications

Goodwin, Jean. (2010–present). Between Scientists & Citizens.

<http://scientistscitizens.wordpress.com/>. My often quite occasional blog on analyzing communication successes and failures in policy controversies with a large science component.

Goodwin, Jean. (2016). Cases from the Teaching Responsible Communication of Science Project (<https://scicomm.las.iastate.edu/trcs/>):

- “Extreme weather: Extreme communication?”
- “Debating evolution?”
- “Vaccine stories”
- “Should I hold a press conference?” (Clark Wolf, lead author)

Goodwin, Jean. (2016). Objecting to models: A typology of non-experts’ critiques of models of human-natural systems. In Jean Goodwin (Ed.), *Confronting the challenges of public participation: Issues in environmental, planning and health decision-making* (pp. 39-49). Charleston, SC: CreateSpace.

Goodwin, Jean. (2016). The pragmatic force of making reasons apparent. In D. Mohammed & M. Lewinski (Eds.), *Argumentation and Reasoned Action: Proceedings of the First European Conference on Argumentation* (Vol. 2, pp. 449-462). London: College Publications.

Goodwin, Jean. (2016). How to be a better functionalist. In D. Mohammed & M. Lewinski (Eds.), *Argumentation and Reasoned Action: Proceedings of the First European Conference on Argumentation* (Vol. 1, pp. 515-19). London: College Publications.

Goodwin, Jean. (2016). Audiences as normative roles. In D. Mohammed & M. Lewinski (Eds.), *Argumentation and Reasoned Action: Proceedings of the First European Conference on Argumentation* (Vol. 1, pp. 589-592). London: College Publications.

Goodwin, Jean. (2015). Climate scientist Stephen Schneider versus the Sceptics: A case study of argumentation in deep disagreement. In *Proceedings of the Seventh Conference of the International Society for the Study of Argumentation*. Amsterdam, Netherlands: Sic Sat.

Goodwin, Jean. (2014). Public communication. *ISU Graduate College Newsletter*. Retrieved from <http://acp.grad-college.iastate.edu/?q=public%20communication>

Goodwin, Jean. (2014). Introduction: Collaborations between scientists and rhetoricians of science/technology/medicine. *Poroi*, 10(1). Retrieved from <http://ir.uiowa.edu/poroi/vol10/iss1/5/>

- Goodwin, Jean, Dahlstrom, Michael F., Kemis, Mari, Wolf, Clark, & Hutchison, Christine. (2014). Rhetorical resources for teaching responsible communication of science. *Poroi*, 10(1), 1–6. Retrieved from <http://ir.uiowa.edu/poroi/vol10/iss1/7/>
- Goodwin, Jean. (2013). Norms of advocacy. In D. Mohammed & M. Lewiński (Eds.), *Virtues of argumentation: Proceedings of the 10th International Conference of the Ontario Society for the Study of Argumentation (OSSA), 22-26 May 2013*. Windsor, ON, Canada: Ontario Society for the Study of Argumentation.
- Goodwin, Jean, Dahlstrom, Michael, Kemis, Mari, Wolf, Clark, & Hutchison, Christine. (2013). A preliminary report on cases for teaching responsible communication of science. In Jean Goodwin, Michael F. Dahlstrom, & Susanna Priest (Eds.), *Ethical issues in science communication: A theory-based approach* (pp. 71-79). Charleston, SC: CreateSpace.
- Goodwin, Jean, Dahlstrom, Michael F., & Priest, Susanna. (2013). Introduction: Towards a research agenda for science communication ethics. In Jean Goodwin, Michael F. Dahlstrom & Susanna Priest (Eds.), *Ethical issues in science communication: A theory-based approach* (pp. 1-3). Charleston, SC: CreateSpace.
- Goodwin, Jean. (2012). Accounting for the force of the appeal to authority. In Frank Zenker (Ed.), *Argumentation, cognition & community: Proceedings of the Ontario Society for the Study of Argumentation Conference*. Windsor, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM. 9 pp.
- Goodwin, Jean. (2012). What is "responsible advocacy" in science? Good advice. In Jean Goodwin (Ed.), *Between scientists & citizens: Proceedings of a Conference at Iowa State University* (pp. 151-161). Ames, IA: GPSSA.
- Goodwin, Jean, & Dahlstrom, Michael F. (2011). Good reasons for trusting climate science communication . *American Meteorological Society*. Retrieved from <http://ams.confex.com/ams/91Annual/webprogram/Paper184847.html>
- Goodwin, Jean. (2010). The authority of Wikipedia. In Juho Ritola (Ed.), *Argument cultures: Proceedings of the Ontario Society for the Study of Argumentation Conference*. Windsor, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM. 24 pp.
- Goodwin, Jean. (2007). Actually existing rules for closing argument. In F. H. van Eemeren et al. (Eds.), *Proceedings of the Sixth Conference of the International Society for the Study of Argumentation* (pp. 489-495). Amsterdam, Netherlands: Sic Sat.
- Goodwin, Jean. (2007). What, in practice, is an argument? In H. V. Hansen et al. (Eds.), *Dissensus and the search for common ground: Proceedings of the Ontario Society for the Study of Argumentation Conference*. Windsor, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM. 44 pp.
- Goodwin, Jean. (2003). Designing premises. In F. H. van Eemeren et al. (Eds.), *Proceedings of the Fifth Conference of the International Society for the Study of Argumentation* (pp. 409-414). Amsterdam, Netherlands: Sic Sat.

- Goodwin, Jean. (2003). Manifestly adequate premises. In J. A. Blair et al. (Eds.), *Informal logic @ 25: Proceedings of the Ontario Society for the Study of Argumentation Conference*. Windsor, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM. 9 pp.
- Goodwin, Jean. (2003). Position paper: On rhetoric and pedagogy. *Papers from the Alliance of Rhetoric Societies, Conference on the Status and Future of Rhetorical Studies*. Retrieved from <http://www.comm.umn.edu/ARS/>
- Goodwin, Jean. (2002). One question, two answers. In H. V. Hansen et al. (Eds.), *Argumentation and its applications: Proceedings of the Ontario Society for the Study of Argumentation Conference*. Windsor, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM. 17 pp.
- Goodwin, Jean. (2001). Cicero's authority. In H. V. Hansen et al. (Eds.), *Argumentation at century's turn: Proceedings of the Ontario Society for the Study of Argumentation Conference*. St. Catharines, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM.
- Goodwin, Jean. (2001). Rhetorical and dialectical approaches to salvaging Toulmin. In H. V. Hansen et al. (Eds.), *Argumentation at century's turn: Proceedings of the Ontario Society for the Study of Argumentation Conference*. St. Catherines, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM.
- Leff, Michael, & Goodwin, Jean. (2000). Introduction [to Special issue: Douglas Walton on *ad hominem* argument]. *Argumentation and Advocacy*, 36, 177-178.
- Goodwin, Jean. (1999). Good argumentation without resolution. In F. H. van Eemeren et al. (Eds.), *Proceedings of the Fourth International Conference of the International Society for the Study of Argumentation* (pp. 255-259). Amsterdam, Netherlands: Sic Sat.
- Goodwin, Jean. (1999). [Review of the book *Selected Writings*, by McKeon]. *Rhetoric and Public Affairs*, 2, 689-691.
- Goodwin, Jean. (1998). Forms of authority and the real *argumentum ad verecundiam*. In H. V. Hansen et al. (Eds.), *Argumentation and rhetoric: Proceedings of the Second Ontario Society for the Study of Argumentation Conference, 1997*. St. Catherines, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM.
- Goodwin, Jean. (1998). Reply to Rühl. In H. V. Hansen et al. (Eds.), *Argumentation and rhetoric: Proceedings of the Second Ontario Society for the Study of Argumentation Conference, 1997*. St. Catherines, ON, Canada: Ontario Society for the Study of Argumentation. CD-ROM.
- Goodwin, Jean. (1998). [Review of the book *Rethinking Evidence*, by Twining]. *Rhetorik*, 17, 195-196.
- Goodwin, Jean. (1997). [Review of the book *Representations*, by Vasaly]. *Rhetorik*, 16, 103-105.
- Goodwin, Jean. (1996). [Translation of *Address to the People of the Church at Caesarea*, by Augustine]. Retrieved from <http://www.public.iastate.edu/~goodwin/sermo.html>

Goodwin, Jean. (1993). [Review of the book *Democracy in Small Groups*, by Gastil]. *National Parliamentarian*, 54(4), 22-23.

Conference presentations

- Goodwin, Jean (2017, April). *Leadership in Public Science at NCSU: An institutional mechanism for integrating research and education in science and in communication*. Paper presented at the Southern Speech Communication Association conference, Greenville, SC.
- Goodwin, Jean. (2016, November). *Unilateral disarmament in the “war against science.”* Paper presented at the National Communication Association conference, Philadelphia, PA.
- Goodwin, Jean. (2016, June). *Questioning models: Non-experts’ reasons for distrusting integrated models of human-natural systems*. Paper presented at the Fifth Iowa State University Summer Symposium on Science Communication, Ames, IA.
- Goodwin, Jean. (2016, February). *Speech act theory as a framework for scientists’ communication ethics*. Paper presented at the Association for Practical & Professional Ethics conference, Reston, VA.
- Wolf, Clark, Dahlstrom, Michael, Goodwin, Jean, Kemis, Mari & Emilien, Christine. (2016, February). *Case study in ethical science communication: “Science Headlines.”* Paper presented at the Association for Practical & Professional Ethics conference, Reston, VA.
- Goodwin, Jean, Dahlstrom, Michael F., Kemis, Mari, Wolf, Clark, & Emilien, Christine. (2016, February). *Cases for teaching responsible communication of science*. Poster presented at the Association for Practical & Professional Ethics conference, Reston, VA.
- Goodwin, Jean. (2015, November). *Scientists’ perspectives on the public as a driver of communication choices*. Paper presented at the National Communication Association conference, Las Vegas, NV.
- Goodwin, Jean. (2015, November). *Scientific authority online*. Paper presented at the Association for the Rhetoric of Science & Technology preconference, Las Vegas, NV.
- Goodwin, Jean, & Innocenti, Beth. (2015, June). *The pragmatic force of making reasons apparent*. Paper presented at the European Conference on Argumentation, Lisbon, Portugal.
- Goodwin, Jean. (2014, November). *Scientists’ views of public participation in the drafting of the 2012 Iowa Climate Statement*. Paper presented at the National Communication Association conference, Chicago, IL.
- Goodwin, Jean. (2014, November). *Ethics and the advocate*. Paper presented at the National Communication Association conference, Chicago, IL.
- Goodwin, Jean. (2014, October). *Communicating science in controversial contexts*. Paper presented at the Center for Excellence in the Arts & Humanities Research Summit, Iowa State University, Ames, IA.

- Goodwin, Jean. (2014, July). *Climate scientist Stephen Schneider versus the Sceptics: A case study of argumentation in deep disagreement*. Paper presented at the International Society for the Study of Argumentation conference, Amsterdam, Netherlands.
- Goodwin, Jean. (2014, June). *How undertaking a specific set of commitments provides the audience of science communication good reason to trust*. Paper presented at the Fourth Iowa State University Summer Symposium on Science Communication, Ames, IA.
- Dziubanski, D., Gutowski, W., Franz, K. J., Goodwin, J., Rehmann, C. R., Simpkins, W. W., Tesfatsion, L., Wanamaker, A., Maloa Nnoko, J., & Jie, Y. (2014, March). *Building a sustainable water future through community interactions and integrated modeling of the human-natural system*. Paper presented at the Iowa Water Conference, Ames, IA.
- Goodwin, Jean. (2013, November). *Collaborations between scientists & rhetoricians, with a report on the Iowa State project Teaching Responsible Communication of Science*. Paper presented at the Association for the Rhetoric of Science & Technology preconference, Washington, DC.
- Goodwin, Jean. (2013, October). *Normative issues in communicating climate science: A case study of the 2012 Iowa Climate Statement*. Paper presented at the Rhetoric & Professional Communication Research Colloquium, Ames, IA.
- Goodwin, Jean. (2013, May). Cases for teaching responsible communication of science. Workshop conducted at the Third ISU Summer Symposium, Ethical Issues in Science Communication: A Theory-Based Approach, Ames, IA.
- Goodwin, Jean. (2013, May). *Norms of advocacy*. Paper presented at the Ontario Society for the Study of Argumentation conference, Windsor, ON, Canada.
- Goodwin, Jean. (2013, January). *Stephen Schneider: Scientist-citizen*. Paper presented at the conference Rhetoric in Society, Copenhagen, Denmark.
- Goodwin, Jean. (2012, November). *Economics and a humanistic account of persuasion*. Paper presented at the National Communication Association conference, Orlando, FL.
- Goodwin, Jean, & Dahlstrom, Michael. (2012, September). *Trees love carbon: A case study in normatively responsible communication by scientists*. Paper presented at the conference Culture, Politics and Climate Change, Boulder, CO.
- Goodwin, Jean. (2012, June). *Adopting Walter Lippmann as an ancestor of the Third Wave*. Paper presented at the Studies in Expertise & Experience workshop (SEESHOP), Cardiff University, Cardiff, Wales.
- Goodwin, Jean. (2012, June). *What is "responsible advocacy" in science? Good advice*. Paper presented at the conference Between Scientists & Citizens, Ames, IA.
- Innocenti, Beth, & Goodwin, Jean. (2012, May). *The persuasive force of identification*. Paper presented at the Rhetoric Society of America conference, Philadelphia, PA.
- Dahlstrom, Michael, & Goodwin, Jean. (2011, November). *Using debates to help undergraduate students reflect upon the ethical implications of technology*. Paper presented at the Congress on Teaching the Social and Ethical Implications of Research, Tempe, AZ.

- Goodwin, Jean. (2011, May). *Accounting for the force of the appeal to authority*. Paper presented at the Ontario Society for the Study of Argumentation conference, Windsor, ON, Canada .
- Goodwin, Jean. (2011, May). *Push and pull in climate science communication: A response to Nisbet*. Paper presented at the First ISU Summer Symposium on Science Communication Ethics, Ames, IA.
- Goodwin, Jean. (2011, April). *Spatial metaphors for argument: Theory v. practice*. Paper presented at the first eColloq [Online argumentation seminar].
- Goodwin, Jean, and Dahlstrom, Michael. (2011, January). *Good reasons for trusting climate science communication*. Paper presented at the American Meteorological Society conference, Seattle, WA.
- Goodwin, Jean. (2010, November). *Michael Leff, faithfulness to the object of study, and local rhetorical theory*. Paper presented at the National Communication Association conference, San Francisco, CA.
- Goodwin, Jean. (2010, May). *"Scientific consensus" in the public reception of the First IPCC Report*. Paper presented at the Rhetoric Society of America conference, Minneapolis, MN.
- Goodwin, Jean. (2009, November). *The authority of the IPCC First Assessment Report and the manufacture of consensus*. Paper presented at the National Communication Association Convention, Chicago, IL.
- Goodwin, Jean. (2009, November). *Fred Kauffeld's contribution to the art of rhetoric*. Paper presented at the National Communication Association Convention, Chicago, IL.
- Ramirez, Trina, Hambrick, Florence, & Goodwin, Jean. (2009, November). *Dependent care policies for faculty at regional public universities: A metaphoric analysis*. Paper presented at the Association for the Study of Higher Education conference, Vancouver, BC, Canada.
- Goodwin, Jean. (2009, June). *The authority of Wikipedia*. Paper presented at Argument Cultures, the Conference of Ontario Society for the Study of Argumentation, Windsor, ON, Canada.
- Goodwin, Jean. (2009, June). *Dilemmas of expertise in Sustainable Agriculture*. Paper presented at the Rhetoric Society of America, Workshop on Science and its Publics, College Park, PA.
- Goodwin, Jean. (2008, November). *Argument and the rhetoric of science*. Paper presented at the Association for the Rhetoric of Science and Technology preconference. San Diego, CA.
- Goodwin, Jean. (2008, November). *Dilemmas of expertise in Sustainable Agriculture*. Paper presented at the National Communication Association Convention, San Diego, CA.
- Goodwin, Jean. (2008, November). *Teaching oral argument in a multi-modal context*. Paper presented at the Great Plains Association for Computers & Writing, Ames, IA.

- Goodwin, Jean. (2008, November). *Towards a unified approach to argument*. Paper presented at the National Communication Association Convention, San Diego, CA.
- Goodwin, Jean. (2008, June). *Towards a Lippmannian conception of argument*. Paper presented at the Rhetoric Society of America Conference, Seattle, WA.
- Goodwin, Jean. (2007, November). *Well-trodden terrain*. Paper presented at the National Communication Association Convention, Chicago, IL.
- Goodwin, Jean. (2007, August). [Response to the keynote address]. Presented at the Fifteenth AFA-NCA Alta Conference on Argumentation, Alta, UT.
- Goodwin, Jean, & Cortes, Viviana. (2007, July). *Identifiers of argument*. Paper presented at the International Pragmatics Association conference, Gotenborg, Sweden.
- Goodwin, Jean. (2007, June). *What, in practice, is an argument?* Paper presented at Dissensus and the Search for Common Ground, the Conference of the Ontario Society for the Study of Argumentation, Windsor, ON, Canada.
- Goodwin, Jean. (2006, July). *Actually existing rules for closing arguments*. Paper presented at the International Society for the Study of Argumentation Quadrennial Conference, Amsterdam, Netherlands.
- Goodwin, Jean. (2005, November). *Institutions for argument: Promoting the formation of collective intent*. Paper presented at the Annual Convention of the National Communication Association, Boston, MA.
- Goodwin, Jean. (2005, July). *Deliberative arguing and collective intentions*. Paper presented at the International Pragmatics Association Biennial Conference, Riva del Garda, Italy.
- Goodwin, Jean. (2005, May). *Argument has no function*. Paper presented at the Ontario Society for the Study of Argumentation conference, Hamilton, ON, Canada.
- Goodwin, Jean. (2005, May). *Response to Hitchcock, "Good reasoning on the Toulmin model."* Paper presented at the Ontario Society for the Study of Argumentation conference, Hamilton, ON, Canada.
- Goodwin, Jean. (2004, November). *Identifying the central issues in argumentation theory*. Paper presented at the annual convention of the National Communication Association, Chicago, IL.
- Goodwin, Jean. (2004, November). *Response to Rehg and Asen: The public sphere and the norms of transactional argument*. Paper presented at the annual convention of the National Communication Association, Chicago, IL.
- Goodwin, Jean. (2004, November). *Student theories about the aims of argumentation*. Paper presented at the annual convention of the National Communication Association, Chicago, IL.
- Goodwin, Jean. (2003, November). *Against a general obligation to agree*. Paper presented at the annual convention of the National Communication Association, Miami Beach, FL.

- Goodwin, Jean. (2003, September). *Position paper: On rhetoric and pedagogy*. Paper presented at the First Alliance of Rhetoric Society Conference, Evanston, IL.
- Goodwin, Jean. (2003, July). *Arguer's mutual knowledge*. Paper presented at the International Pragmatics Association biennial conference, Toronto, ON, Canada.
- Goodwin, Jean. (2003, May). *Manifestly adequate premises*. Paper presented at the Ontario Society for the Study of Argumentation conference, Windsor, Ontario, Canada.
- Goodwin, Jean. (2002, November). *Black on the function of argumentation*. Paper presented at the annual convention of the National Communication Association, New Orleans, LA.
- Goodwin, Jean. (2002, November). *Preparing ourselves for an integrated study of argumentation*. Paper presented at the annual convention of the National Communication Association, New Orleans, LA.
- Goodwin, Jean. (2002, July). *Designing premises*. Paper presented at the International Society for the Study of Argumentation Quadrennial Conference, Amsterdam, Netherlands.
- Goodwin, Jean. (2001, August). *We should be studying the norms of debate*. Paper presented at the NCA/AFA Summer Conference on Argumentation, Alta, UT.
- Goodwin, Jean. (2001, May). *One question, two answers: The design-theoretical approach to the pragmatics of arguing*. Paper presented at the Ontario Society for the Study of Argumentation conference, Windsor, ON, Canada.
- Goodwin, Jean. (2000, November). *Henry W. Johnstone's still unacknowledged contributions to contemporary argumentation theory*. Paper presented at the annual convention of the National Communication Association, Seattle, WA.
- Goodwin, Jean. (2000, November). *On John Peters' Speaking into the Air: Speaking for the Romans*. Paper presented at the annual convention of the National Communication Association, Seattle, WA.
- Goodwin, Jean. (2000, November). *The noncooperative pragmatics of arguing*. Paper presented at the annual convention of the National Communication Association, Seattle, WA.
- Goodwin, Jean. (2000, July). *The noncooperative pragmatics of arguing*. Paper presented at the International Pragmatics Association biennial conference, Budapest, Hungary.
- Goodwin, Jean. (1999, November). *New technologies for teaching freedom of speech*. Paper presented at the annual convention of the National Communication Association Convention, Chicago, IL.
- Goodwin, Jean. (1999, July). *The classical stasis system and modern doctrines of legal defenses*. Paper presented at the International Society for the History of Rhetoric conference, Amsterdam, Netherlands.
- Goodwin, Jean. (1999, May). *Cicero's authority*. Paper presented at the Ontario Society for the Study of Argumentation conference, St. Catherines, ON, May, Canada.

- Goodwin, Jean. (1999, May). *Rhetorical and dialectical approaches to salvaging Toulmin*. Paper presented at the Ontario Society for the Study of Argumentation conference, St. Catherines, ON, Canada.
- Goodwin, Jean. (1998, November). *The classical system of stasis and Clinton's August 17th Address*. Paper presented at the annual convention of the National Communication Association, New York, NY.
- Goodwin, Jean. (1998, July). *Good argumentation without resolution*. Paper presented at the International Society for the Study of Argumentation Quadrennial Conference, Amsterdam, Netherlands.
- Goodwin, Jean. (1998, November). *Insults and injuries: The harm in hate*. Paper presented at the annual convention of the National Communication Association, New York, NY.
- Goodwin, Jean. (1997, December). *A contemporary account of the ancient practice of vivid description*. Paper presented at the annual convention of the American Philological Association, Chicago, IL.
- Goodwin, Jean. (1997, November). *A rhetorical commentary to Augustine's "Address to the People of the Church at Caesarea."* Paper presented at the annual convention of the National Communication Association, Chicago, IL.
- Goodwin, Jean. (1997, August). *Virtue ethics and Roman deliberative reasoning*. Paper presented at the NCA/AFA Summer Conference on Argumentation, Alta, UT.
- Goodwin, Jean. (1997, July). *The rhetorical force of glory, from Cicero to his republican posterity*. Paper presented at the International Society for the History of Rhetoric conference, Saskatoon, SK, Canada.
- Goodwin, Jean. (1997, May). *Forms of authority and the real argumentum ad verecundiam*. Paper presented at the Ontario Society for the Study of Argumentation conference, St. Catherines, ON, Canada.
- Goodwin, Jean. (1997, May). *Reply to Rühl*. Paper presented at the Ontario Society for the Study of Argumentation conference, St. Catherines, ON, Canada.
- Goodwin, Jean. (1996, November). *The rhetorical strategy of Cicero's final year*. Paper presented at the annual convention of the National Communication Association, San Diego, CA.
- Goodwin, Jean. (1995, November). *The authority of Cicero*. Paper presented at the annual convention of the Speech Communication Association, San Antonio, TX.
- Goodwin, Jean. (1994, November). *Forms of community and forms of speaking in Augustine*. Paper presented at the annual convention of the Speech Communication Association, New Orleans, LA.
- Goodwin, Jean. (1993, November). *The appeal to posterity*. Paper presented at the annual convention of the Speech Communication Association, Miami, FL.
- Goodwin, Jean. (1993, November). *Profession of faith and hypocrisy in the discourse of early Stuart ex-Catholics*. Paper presented at the annual convention of the Speech Communication Association, Miami, FL.

Courses taught

- Argumentation & Advocacy (under various titles; 1998, 2002-2012, 2016).
- Business and Professional Communication (2002).
- Contemporary Problems in Freedom of Speech (larger enrollment format, annually, 1995-2000).
- Great Speakers and Speeches (2012-2015).
- Independent studies, Graduate (selected): The rhetoric of TED talks (2013); reading group on recent research on expertise (2011).
- Language, Thought & Action (theories of language for students of communication, 2005, 2006, 2008-2014).
- Legal Argumentation/Legal Communication (annually, 1996-2001, biennially, 2004-2010).
- Parliamentary Procedure and Deliberation (1991-1992, 1993-1994).
- Public Speaking (large lecture, 2005, 2008; small sections, 1996, 2004, 2017).
- Rhetorical Criticism (annually, 2001-2004).
- Rhetorical Traditions/Arts of Controversy (undergraduate introduction to rhetorical theory; in various formats, 2001, 2003, 2006, 2010, 2011, 2015).
- Science in Public: Communication, Controversy & Understanding (undergraduate introduction to science communication theory; 2015).
- Seminars (graduate):
 - Rhetoric of Science & Technology (2014).
 - Argumentation (2013).
 - Rhetorical Analysis (2007).
 - Legal Argumentation (1999).
 - Contemporary Theories of Emotions (1996).
- Seminars/honors seminars/special topic classes (undergraduate):
 - Science Communication Secrets (honors seminar, 2011-2015).
 - Science in Controversy (freshman seminar, 2014, 2015).
 - Speech Communication Capstone Seminar (2009, team taught, 2011-2013).
 - Communicating Climate Change (senior seminar, U. Colorado–Boulder, summer 2011).
 - Food for Thought (honors seminar, 2009).
 - Politics & Persuasion: Shakespeare & Now (seminar, 2008).
 - The Place of Religious Arguments in Politics (seminar, 2002, honors seminar, 2007).
 - Why Are We Here? Teachers and Students at Large Universities (honors seminar, 2006).
 - Rhetoric of Reconciliation (seminar, 2003).
 - Your College Portfolio (seminar, 2002).
 - Rhetoric of Religion (seminar, 2001).
 - Freedom of Speech (seminar, 1996, annually, 1998-2000).
 - Communication Technologies: The First 5,000 Years (freshman seminar, 1999).

Graduate advising

Chair, PhD committees:

- Murdock, Rachel (ISU Rhetoric & Professional Communication, 2017)
- Parks, Sara Beth (ISU Rhetoric & Professional Communication, 2017)

Member, PhD committees:

- Barnhill, Kathleen (NCSU Forestry, current)
- Zimmerman, Erin (ISU Rhetoric & Professional Communication, 2016)
- Xing, Ju (ISU Applied Linguistics & Technology, 2015)
- Li, Jinrong (ISU Applied Linguistics & Technology, 2012)
- Dave, Anish (ISU Rhetoric & Professional Communication, 2011)
- Gottschalk-Drushke, Caroline (ISU Rhetoric, University of Illinois–Chicago, 2011)
- Gulbrandson, Karen (ISU Rhetoric & Professional Communication, 2009)
- Tachino, Tosh (ISU Rhetoric & Professional Communication, 2008)
- Cochran, Maria (ISU Rhetoric & Professional Communication, 2007)

Chair, MA committees:

- Bannister, John (ISU Rhetoric, Composition & Professional Communication, 2015)

Member, MA committees:

- Arp, Amanda (ISU Rhetoric, Composition & Professional Communication, 2016)
- Betzer, Brittany (ISU Rhetoric, Composition & Professional Communication, 2016)
- Hallmark, Brandon (ISU Journalism & Mass Communication, 2016)
- Dandachi, Tamera (ISU Sociology, 2015)
- Doan, Sarah (ISU Rhetoric, Composition & Professional Communication, 2015)
- Wiley, Sarah (ISU Journalism & Mass Communication, 2014)
- Holt, Pamela (ISU Rhetoric, Composition & Professional Communication, 2013)
- Dyer, Katy (ISU Educational Leadership & Policy Studies, 2011)
- Michaels, Andy (ISU Rhetoric, Composition & Professional Communication, 2011)
- Weigers, Julia (ISU Rhetoric, Composition & Professional Communication, 2011)
- Vansickle, Laura (ISU Literature, 2009)
- Weston, Stuart (ISU Literature, 2009)
- Anderson, Christopher (ISU Interdisciplinary Graduate Studies, 2008)
- McKinney, Dennis (ISU Creative Writing, 2007)
- Merrick, Kate (ISU Rhetoric, Composition & Professional Communication, 2007)
- Prachar, Codi (ISU Rhetoric, Composition & Professional Communication, 2007)
- Van Osdel, Jennifer (ISU Rhetoric, Composition & Professional Communication, 2005)

Teaching honors

Keynote address (student invited), Sigma Tau Delta English Honor Society initiation ceremony, April 2013.

Master Teacher Award for Teaching Excellence in the Discipline, College of Liberal Arts & Sciences, Iowa State University, 2010-2011.

Exceptional Support Recognition, Iowa State University, March 2005.

Outstanding Faculty Award, Interfraternity Council, Iowa State University, 2005.

Junior Teaching Partner, Center for Excellence in Teaching and Learning, Iowa State University, 2004.

Honor Roll of Teachers, Associated Student Government, Northwestern, 2001-2002.

Searle Junior Teaching Fellow, Northwestern University, 1999-2000.

Honor Roll of Teachers, National Association of Parliamentarians, 1993.

Teaching grants

PI, Engineering/LAS Online (ELO) & Center for Integrating Research, Teaching & Learning (CIRTL) grant to develop a new online course for an interinstitutional network, Teaching STEM Through Debating Civic Issues (\$3K), 2013-2014.

Co-PI, English Larger Enrollment Course Development grant to develop a new course, Sp Cm 216X, Great Speakers & Speeches (\$12K), 2011-2012.

PI, Undergraduate Research in the Humanities grant (\$1K), College of Liberal Arts & Sciences, Iowa State University, 2005-2006.

Co-PI, Enhancing scientific literacy through civic engagement, funded by the Cargill Higher Education Initiative to develop an online bank of debate cases on natural resource issues (\$15K), 2005.

Co-PI, Technology for assessment and learning, Miller Grant to support implementing instructional technology in Sp Cm 212, the public speaking lecture course (\$15K), Iowa State University, 2005.

Member, ISU's NSF-funded team for Science Education for New Civic Engagements and Responsibilities (SENCER); attended SENCER summer institute, Santa Clara, CA, 2004.

FARA research award (\$1K), Northwestern University, 2000-2001.

Co-PI, Take a stand: The hit man manual case, an interactive CD for developing argument skills on a first amendment issue (ca. \$120K), funded through the Northwestern University Office of the Provost, 1998-1999.

Teaching publications (non-refereed)

Goodwin, Jean. (2006). Is Jon Stewart right? Why do we need "honest debate," and how can we get it? [debate case]. Retrieved from <http://goodwin.public.iastate.edu/honestdebate.html>

Goodwin, Jean. (2003). The neighbors: A dispute between a GMO and an organic farmer [debate case]. Retrieved from <http://goodwin.public.iastate.edu/orggmocase/homepage.html>

Goodwin, Jean. (2002). Teacher as sherpa. Retrieved from <http://goodwin.public.iastate.edu/tsherp.html>

Goodwin, Jean. (1996-2001). Free speech web [a bank of approx. 50 debate cases on first amendment issues].

- Goodwin, Jean. (2000). Take a stand: The *Hit Man* manual case [debate case]. Evanston, IL: Institute for Learning Sciences, Northwestern University. CD-ROM.
- Goodwin, Jean. (2000). Teaching with an online public forum. In D. G. Brown (Ed.), *Interactive learning*. Bolton, MA: Anker Press. Republished in *Tomorrow's professor* (listserv), #203. Retrieved from <http://cgi.stanford.edu/~dept-ctl/tomprof/posting.php?ID=203>
- Goodwin, Jean. (1998). Research or spam? A case study of university network regulation [debate case]. Retrieved from <http://www.public.iastate.edu/~goodwin/resspam/nuresspam.html>
- Goodwin, Jean. (1992). Teaching parliamentary procedure at the University of Wisconsin. *National Parliamentarian*, 53(2), 27.

Presentations about teaching (internal)

- Debate exercises in *every* class, Campus Writing and Speaking Program Brown Bag Series, NC State University, 2017.
- Communicating to Learn/Learning to Communicate, University Teaching Seminar, Center for Excellence in Teaching & Learning, Iowa State University, 2012-2014.
- Using oral exams, Faculty Teaching Partnership, Center for Excellence in Teaching & Learning, Iowa State University, 2006.
- Beyond lecture/discussion, University Teaching Seminar, Center for Excellence in Teaching & Learning, Iowa State University, 2005.
- Teaching & Learning Circle on Ken Bain, *What the Best Teachers Do*, Center for Excellence in Teaching & Learning, Iowa State University, 2005.
- Using personal response systems, Faculty Forum, Center for Excellence in Teaching & Learning, Iowa State University, 2005.
- Beyond lecture/discussion: Case studies, role plays, and other methods, University Teaching Seminar, Center for Excellence in Teaching & Learning, Iowa State University, 2004.
- Using debates to promote and assess learning, Department of Agronomy, Iowa State University, 2004.
- Discussion leader, Teaching race issues in non-diverse classrooms, African American Studies Society, Iowa State University, 2003.
- Using case studies in teaching, Workshop, Center for Teaching Excellence, Iowa State University, 2003.
- Teaching technologies for the Luddite, Introduction to Technology Resources, Northwestern University, 1998, 1999.
- Using technology in teaching communication, School of Speech Advisory Board, 1997.

Other teaching, mentoring, and advising

- Guest lecture via Skype on sustainability and communication, Maharishi University, November 2016.
- Presentation, "Science Communication: Effective *and* Ethical," to Lambda Pi Eta Honors society, October, 2016.
- Panelist, How to explore and initiate cross-disciplinary collaborations, professional development event for graduate students, November, 2014.
- Guest lecture via Skype on communicating science, University of Colorado–Boulder EnvS 5110, Science & Technology Studies seminar, November 2012.
- Guest lecture, Trusting experts, How Talk Works seminar, Edgewood College, May 2012.
- Leader, data session on Congressional debates, summer reading group, Department of Communication, University of Colorado–Boulder, June 2011.
- Guest lecture, Climate science smackdown: Maslin v. Morano, seminar on rhetoric of science, University of Washington, January, 2011.
- Guest lecturer, Linguistics 101, Iowa State University, 2006-2011.
- Guest lecture, Faculty Expectations, Psych 131, study skills, Fall 2010.
- Seminar presentation, Demystifying research, Honors seminar on research methods, spring–fall 2010.
- Guest lecturer, Workshop on argumentation for students of agronomy, Crop Production & Soil Science colloquium, Iowa State University, January-February 2010.
- Discussion leader, Freshman Honors Mentor Program, Iowa State University, 2008-2010.
- Presentation to panel, Oops: Setbacks, perseverance & delayed success, Preparing Future Faculty Program, Iowa State University, 2003-2009.
- Co-leader, Frontiers of the discipline [a semester-long seminar introducing freshmen in the College of Liberal Arts & Sciences to research in communication fields], Iowa State University, fall 2005.
- Lecture, Three-on-One Undergraduate Colloquium on Swift's "Modest Proposal," Department of English, Iowa State University, 2005.
- Discussion leader, Destination Iowa State [freshman orientation], Iowa State University, 2004-2005.
- Presentation, The Communication majors, LAS 101 [orientation], Iowa State University, 2004.
- Presentation to panel, Academic success, The A Society, Iowa State University, 2004.
- Presentation, Preparing for law school, Pre-Law Society, Iowa State University, 2004.
- Intensive debate workshop, Catt Associates student organization, Iowa State University, 2003.
- Fellow, Shepard Residential College, Northwestern University, 2000-2002.
- Undergraduate Research Summer Fellowship mentor, Northwestern University, 2001.

Selected citizenship within the disciplines

- Chair, Scientific Panel, 2nd European Conference on Argumentation, 2015-present.
- Member, Outreach and engagement Working Group, Online Resource Center for Ethics Education in Engineering and Science at the National Academy of Engineering, 2014-present.
- Member of editorial boards: *Informal Logic*, *Argumentation & Advocacy*, and *Windsor Studies in Argumentation*; past member of *Rhetoric Society Quarterly* and *Communication Methods and Measures*.
- Occasional reviewer: Anthem Press, Broadview Press, Cambridge University Press, College Publications, Kluwer Press argumentation series, Palgrave, Pennsylvania State University Press, Peter Lang, Polity Press, Sage Press, Strata Press, SUNY Press, University of Alabama Press, Wiley Press, *Argumentation*, *Argumentation & Advocacy*, *Argumentation & Computation*, *Communication Law & Policy*, *Constellations*, *Environmental Communication*, *Journal of Applied Communication*, *Journal of Business and Technical Communication*, *Journal of Communication*, *Journal of Responsible Research*, *Philosophy and Rhetoric*, *Rhetoric & Public Affairs*, *Rhetoric Society Quarterly*, *Science Communication*, *Social Epistemology*, *Topoi*, *Western Journal of Communication*, and *Wiley Interdisciplinary Reviews: Climate Change*.
- Award committee member: Article of the Year Award, Association for the Rhetoric of Science and Technology (2015-present); Article of the Year Award, Communicating Science, Health, Environment & Risk Division of the Association for Educators in Journalism & Mass Communication (2015); Blair Prize Committee for Best Graduate Student Paper, Ontario Society for the Study of Argumentation (2005, 2011, 2016); JL Golden Award for Outstanding Undergraduate Paper, Rhetorical & Communication Theory Division, National Communication Association (2008-2010); Kneuppers Award Committee for Best Article in *Rhetoric Society Quarterly* (2010, 2011).
- Occasional reviewer, conference submissions, the Public Address, Rhetoric & Communication Theory Divisions of the National Communication Association, the Ontario Society for the Study of Argumentation, the NCA-AFA Alta Conference on Argumentation, the European Conference on Argumentation, the Association for the Rhetoric of Science & Technology, and other conferences.
- Participant, occasional chair, and original co-organizer, Argumentation eColloquium, an experimental quarterly virtual meeting of argumentation scholars, 2011–2014.
- Organizer, Great Plains Society for the Study of Argumentation conference, 2011.
- Organizer, panels on argumentation theory, International Pragmatics Association, 2003, 2005, 2007.
- Secretary, Rhetorical and Communication Theory Division, National Communication Association, 2001-2006.
- Member, Treasurer and Steering Committee, American Society for the History of Rhetoric, 1998-2000.
- Panel chair, respondent, and submissions reviewer for various conferences.

Engagement with the community

Instructor, Critical Thinking and Writing, Odyssey Project—a program to bring a college-level "great books" curriculum to Chicago's poorest neighborhoods, 2001-2002.

Supervisor, legal advocacy internships, placing undergraduates with legal aid organizations throughout Chicago to do direct advocacy with state agencies and general publicity to the public at large, 1998-2002.

Leadership of Science Communication@ISU project

Lead or co-organizer, ISU Summer Symposia:

5th: Confronting the challenges of public participation in environmental, planning and health decision-making, 2016.

4th: Science communication: Normative aspects of science communication, 2014.

3rd: Ethical issues in science communication: A theory-based approach, 2013.

2nd: Between scientists & citizens: Assessing expertise in policy controversies, 2012.
Joint with the Great Plains Society for the Study of Argumentation.

1st: The ethical challenges of communicating science within policy controversies, 2011.

Workshops for STEM undergrad & grad students, postdocs, junior faculty, and extension educators, e.g.:

Some knotty problems in communicating about wind energy, Wind Energy Science, Engineering & Policy colloquium, October 2013, October 2015.

Effective communication through telling Stories, Agriculture & Natural Resources Extension Professional Development session, April 2015.

Experts' roles in controversial decision-making, Natural Resources & Ecological Management 260X, Introduction to Controversies in Science & Society, February 2014, March, 2015.

Communication strategies for water quality messages, Agriculture & Natural Resources Extension Professional Development session, April 2014.

Communicating scientific research to non-science audiences, Plant Pathology & Microbiology 628, October 2013.

How (and why) to talk with non-experts about controversial issues, Graduate Minority Assistantship Program Professional Development Program, March 2012.

Communicating your science, Graduate Minority Assistantship Professional Development Program, October 2011.

Public communication as a broader impact of research, SP@ISU Broader Impacts Workshop, March 2011.

Organizer, Science communication colloquium/reading group, a monthly forum for work on the intersections between science, communication, and policy from researchers in the humanities and social sciences, 2010–2016.

Organizer, Humanities Consortium, a group of humanities faculty interested in building collaborations with scientists that both advance humanities research and contribute to the broader impacts of funded science, 2013–2016.

Co-organizer, annual science communication lecture. "Communicating Science through Stories in Film," with filmmaker Deborah Koons Garcia and soil scientist Kate Scow, 2013; "Rhetoric & Science: Two Cultures or One?" with David Zarefsky, 2013.

Organizer, Roundtable: Funded collaborations between scientists and rhetoricians of science/technology/medicine, Association for the Rhetoric of Science & Technology preconference, featuring two ISU projects; Washington, DC, November 2013.

Member, local organizing team, National Science Foundation Workshop, Science: Becoming the messenger, 2012.

Organizer, Panel: Communication for Ethics, Ethics for Communication, Congress on Teaching the Social and Ethical Implications of Research, Tempe, AZ, November 2011.

Selected citizenship in the university

Member, Research Committee, College of Humanities & Social Sciences, North Carolina State University, 2016-present.

Advisory Board member, Graduate Center for Communication Excellence, Iowa State University, 2012-2016;

Advisory Board member, ISU node of the NSF-funded Center for the Integration of Research, Teaching, and Learning (CIRTL), Iowa State University, 2013-present.

Faculty Advisor, Mock Trial Team, Iowa State University, 2012-present.

Review board, NEH Summer Stipend pre-proposals, Iowa State University, 2015.

Co-facilitator, Tall Grass Prairie Workshop, Iowa State University, 2015. Supporting faculty to integrate issues of sustainability into their courses.

Facilitator, Provost's Roundtables on Promotion & Tenure, Iowa State University, April 2013, 2015-16.

Representative for English, LAS Representative Assembly, Iowa State University, 2014-15.

Interdisciplinary Science Communication Minor development committee, Iowa State University, 2012-present.

Judge, annual Caucus Club debate between College Democrats and College Republicans, Iowa State University, 2010-present.

Faculty Leader, Strengthening the Professoriate @ISU, an NSF-funded project to make broader impacts central to the culture at Iowa State University, 2011-2013.

Faculty Advisor, Phi Alpha Delta Law Fraternity, Iowa State University, 2010-2012.

University Research Awards Committee, Iowa State University, 2011.

"Blue Sky" Committee for Restructuring, College of Liberal Arts & Sciences, Iowa State University, 2010.

Funding programs committee, Center for Excellence in Arts and Humanities, Iowa State University, 2010.

Faculty Advisory Committee for Pre-legal Education, College of Arts & Sciences, Iowa State University, 2004-2010.

Undergraduate Honors Committee, School of Speech, Northwestern University, 1995-2002.

Selected citizenship in departments/programs

Hiring committees, NCSU: STEM Education, 2016-17; ISU: Science Communication, 2014-2015; Science Communication, 2013-2014 (chair); Speech Communication, 2012-2013; Applied Linguistics & Technology, 2011-2012; Rhetoric & Professional Communication, 2007-2008.

Member (2012-2014) and Chair (2014-2015), Admissions Committee, Program in Rhetoric & Professional Communication, Department of English, Iowa State University

Chair, awards committee, Speech Communication program, Iowa State University, 2011–2015.

Program assessment coordinator, Speech Communication, Iowa State University, 2004–present.

Research colloquium organizer, RPC division, Department of English, Iowa State University, 2006-2008; Ameslab (rhetoric of science reading group) tsar, 2008-2010; Science Communication colloquium, 2010–present.

Review Committee, Department of English, 2013-2014 (chair), 2012-2013 (co-chair), 2006-2008 (member).

Webmaster, Speech Communication program, Iowa State University, 2010–present, <http://www.speechcomm.iastate.edu/>

Chair, Resource Allocation Advisory Committee, Department of English, 2010-2012.

Reported on strategic hiring, departmental foundation accounts, use of carryover funds.

Budget Crisis Curriculum Committee, Department of English, Iowa State University, 2009.

Faculty Development Committee, Department of English, Iowa State University, 2008-2011.

Undergraduate Studies Committee, Department of English, Iowa State University, 2003-2008.

Undergraduate Affairs Committee, Department of Communication Studies, Northwestern University, 1996-2001.

Membership in professional organizations

American Association for the Advancement of Science.

American Society for the History of Rhetoric.

Association for the Rhetoric of Science and Technology.

Heterodox Academy.

Illinois Bar Association (inactive status).

International Society for the Study of Argumentation.

National Communication Association.

Rhetoric Society of America.