

## L I S A K E R Ä N E N

### EMPHASES

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Rhetorical theory and criticism; rhetoric of health and medicine; biopolitics; biomedical controversies; qualitative/rhetorical health communication; biosecurity/bioterrorism; high impact teaching practices

### EDUCATION

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**PHD COMMUNICATION, 2003**

University of Pittsburgh

*Advanced Degree Certificate in the Rhetoric of Science*

**MA BIOETHICS, Center for Bioethics and Health Law, 2002**

University of Pittsburgh

**MA COMMUNICATION, 1997**

University of Maine

**BA SPEECH COMMUNICATION, 1995**

Bloomsburg University

*Honors Program, Magna Cum Laude*

### ACADEMIC APPOINTMENTS

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**ASSOCIATE PROFESSOR, DEPARTMENT OF COMMUNICATION**

University of Colorado Denver, 2010-present; **Department Chair**, August 2016-present; Assistant Professor, August 2009-July 2010; Director of Graduate Studies, September 2009-August 2016; Associate of the Program for Arts & Humanities in Health Care of the Center for Bioethics and Humanities on the Anschutz Medical Campus, Fall 2010-present; CU President's Teaching Scholar, 2014-lifetime

**ASSISTANT PROFESSOR, DEPARTMENT OF COMMUNICATION**

University of Colorado Boulder, August 2003-August 2009; Special appointment to the graduate faculty, 2010-2014; Faculty Affiliate, Center for Science and Technology Policy Research, Cooperative Institute for Research in Environmental Sciences (CIRES), December 2004-2015; Executive committee member, Fall 2007-Spring 2008

**FACULTY INVESTIGATOR, NATIONAL CONSORTIUM FOR STUDY OF TERRORISM AND RESPONSES TO TERRORISM (START)**

A Department of Homeland Security Center of Excellence headquartered at the University of Maryland, Lead Investigator, June 2005-June 2009

**ANDREW MELLON PRE-DOCTORAL FELLOW, DEPARTMENT OF COMMUNICATION**

University of Pittsburgh, 2000-01; 2002-03

**GRADUATE TEACHING FELLOW, DEPARTMENT OF COMMUNICATION**

University of Pittsburgh, 1997-99; 2001-02

**GRADUATE TEACHING ASSISTANT, DEPARTMENT OF COMMUNICATION & JOURNALISM**

University of Maine, 1995-97

**HONORS, AWARDS, AND SPECIAL RECOGNITION**

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**FOR EXCELLENCE ACROSS TEACHING AND SCHOLARSHIP**

CU President's Teaching Scholar, University of Colorado System, *lifetime appointment*, designated in 2014

Visiting Professor of Medical Education, Children's Hospital of Colorado/University of Colorado School of Medicine, February 2016

**FOR SCHOLARLY WORK**

Top Four Contributed Paper in International/Intercultural Communication (second author), National Communication Association, 2015

Marie Hochmuth Nichols Award for Outstanding Scholarship in Public Address, Public Address Division of the National Communication Association, 2011

Karl R. Wallace Memorial Research Award in Public Address, National Communication Association, 2010

Center for Humanities and the Arts (CHA) Faculty Fellowship, "Apocalypse and Transformation," University of Colorado Boulder, for course buyout and research stipend, 2008-09

Top Contributed Paper in Organizational Communication (second author), Western States Communication Association (WSCA), 2008

Top Four Contributed Paper in Organizational Communication (second author), WSCA, 2007

Wrage-Baskerville Award for Top Contributed Paper in Public Address (first author), National Communication Association (NCA), 2006

Junior Faculty Development Award, Council for Research and Creative Work, University of Colorado, Summer Stipend for *Science and Self-Defense*, 2006-07

Carroll C. Arnold Dissertation Research Award, Public Address Division of the NCA, 2002

Andrew Mellon Pre-Doctoral Fellowship (two-time recipient), 2000-01; 2002-03

Honors Doctoral Seminar in Rhetorical Studies, NCA, 2001  
 Honors Doctoral Seminar in Rhetoric, History, and Public Culture, NCA, 1999  
 Top Two Contributed Interpersonal/Organizational Paper Award, Eastern  
 Communication Association (ECA), 1997

#### **FOR TEACHING AND SERVICE**

Distinguished Teaching Award, Western States Communication Association  
 (WSCA), 2015  
 Presidential Commendation for Service, Association for the Rhetoric of Science  
 and Technology (ARST), 2014  
 Excellence in Teaching Award, College of Liberal Arts & Sciences, University of  
 Colorado Denver, 2012  
 Presidential Citation for Service, National Communication Association,  
 recognition for disciplinary leadership in NCA Forum, 2008  
 Unsolicited Nominee, Graduate School Faculty Advising Award, 2008  
 Unsolicited Nominee, Faculty of the Year Award, National Society of Collegiate  
 Scholars, 2006  
 Lambda Pi Eta Rookie Advisor of the Year Award, NCA, 2005  
 Lambda Pi Eta Chapter of the Year Award for Eta Phi, NCA, 2005  
 International Communication Association (ICA) Graduate Student Teaching  
 Excellence Award, University of Pittsburgh, 2000  
 Outstanding Communication Graduate Student Instructor Award, University of  
 Pittsburgh, 2000  
 Competitively Selected Assistant Director of Public Speaking, University of  
 Pittsburgh, 1998-2000

#### **PUBLICATIONS**

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##### **Books and Special Journal Issues**

Hartnett, Stephen John, Lisa Keränen, and Donovan Conley, eds. In press.  
*Imagining China: Rhetorics of Nationalism in an Age of Globalization* (East  
 Lansing, MI: Michigan State University Press).

Keränen, Lisa, ed. 2014. Medicine, Health, and Publics. Special issue of the  
*Journal of Medical Humanities* 35: 103-239. DOI 10.1007/s10912-014-9275-7.

Keränen, Lisa, ed. 2013. Inventing the Future: The Rhetorics of Science,  
 Technology, and Medicine. Special issue of *POROI: An Interdisciplinary Journal of  
 Rhetorical Analysis and Invention* 9.1: 1-149. Includes 17 commissioned essays by  
 North America's leading rhetoric of science and medicine scholars.

Keränen, Lisa. 2010. *Scientific Characters: Rhetoric, Politics, and Trust in Breast  
 Cancer Research* (Tuscaloosa, AL: University of Alabama Press). **Recipient of the  
 2011 Marie Hochmuth Nichols Award for Outstanding Scholarship in Public**

**Address from the Public Address Division of the National Communication Association.** Reviewed in: *Rhetoric & Public Affairs* (2013), *Rhetoric Society Quarterly* (2012), *New York Journal of Books* (2010)

### Essays and Journal Articles

Keränen, Lisa. 2015. Biopolitics, Contagion, and Digital Health Narratives: Pathways for the Rhetoric of Health and Medicine. *Communication Quarterly* 65:5: 504-509.

William J. White, Philippa Spoel, Lisa Keränen, and Rowan Howard-Williams. 2015. Discourses on Environment and Disaster. *PORO: An Interdisciplinary Journal of Rhetorical Analysis and Invention* 11.1: 1-9. DOI: 10.13008/2151-2957.1223.

Keränen, Lisa, Patrick Dodge, and Donovan Conley. 2015. Modernizing Traditions on the Roof of the World: Displaying “Liberation” and “Occupation” in Three Tibet Museums. *Journal of Curatorial Studies* 4.1: 78-106. DOI: 10.1386/jcs.4.1.78\_1.

Keränen, Lisa. 2014. Public Engagements with Health and Medicine: Guest Editor’s Introduction and Discussion Guide, *Journal of Medical Humanities* 35.2: 103-109. DOI 10.1007/s10912-014-9275-7.

Keränen, Lisa. 2013. Conspectus: Inventing the Future: The Rhetorics of Science, Technology, and Medicine, Challenges and Opportunities. *PORO: An Interdisciplinary Journal of Rhetorical Analysis and Invention* 9.1: Article 1, 1-9.

J. Blake Scott, Judy Z. Segal, and Lisa Keränen. 2013. Rhetorics of Health and Medicine: Inventional Possibilities for Scholarship and Engaged Practice. *PORO: An Interdisciplinary Journal of Rhetorical Analysis and Invention* 9.1: Article 17, 1-6. All authors contributed equally to this essay.

Keränen, Lisa. 2011. Concocting Viral Apocalypse: Catastrophic Risk and the Production of Bio(in)security. *Western Journal of Communication* 75.5: 451-472.  
**Lead essay.**

Keränen, Lisa. 2011. Addressing the Epidemic of Epidemics: Germs, Security, and a Call for Biocriticism (9,000 word invited review essay). *Quarterly Journal of Speech* 97.2: 224-244. (Invited review essays reflect the journal editor’s recognition of the author’s expertise on a given subject matter.)

Bean, Hamilton, Lisa Keränen, and Margaret Durfy. 2011. ‘This is London’: Cosmopolitan Nationalism and the Discourse of Resilience in the ‘7/7’ Terrorist Attacks. *Rhetoric and Public Affairs* 14.3: 427-464.

Gruber, David, Jordan L. Jack, Lisa Keränen, John M. McKenzie, and Matthew B. Morris. 2011. Rhetoric and the Neurosciences: Engagement & Exploration. *POROI: An Interdisciplinary Journal of Rhetorical Analysis and Invention* 7.1, Article 11: 1-13.

Keränen, Lisa, Jason Lesko, Alison Vogelaar, and Lisa Irvin. 2008. "Myth, Mask, Shield, and Sword": Dr. John H. Marburger III's Rhetoric of Neutral Science for the Nation. *Cultural Studies—Critical Methodologies* 7: 159-186.

Keränen, Lisa. 2007. "'Cause Someday We All Die": Rhetoric, Agency, and the Case of the "Patient" Preferences Worksheet. *Quarterly Journal of Speech* 93: 179-211.

Bean, Hamilton, and Lisa Keränen. 2007. The Role of Homeland Security Information Bulletins within Emergency Management Organizations: A Case Study of Enactment. *Journal of Homeland Security and Emergency Management* 4, Article 6, 1-23.

Keränen, Lisa. 2006. Assessing the Seriousness of Research Misconduct: Considerations for Sanction Assignment. *Accountability in Research: Policies and Quality Assurance* 13: 179-205.

Keränen, Lisa. 2005. Mapping Misconduct: Demarcating Legitimate Science from 'Fraud' in the B-06 Lumpectomy Controversy. *Argumentation and Advocacy* 42: 94-113.

Han, Paul K. J., Lisa B. Keränen, Dianne A. Lescisin, and Robert M. Arnold. 2005. The Palliative Care Clinical Evaluation Exercise (CEX): An Experience-Based Intervention for Teaching End-of-Life Communication Skills. *Academic Medicine* 80: 669-676.

Sherblom, John C., Lisa Keränen, and Lesley A. Withers. 2002. Tradition, Tension, and Transformation: A Structuration Analysis of a State Game Warden Service. *Journal of Applied Communication Research* 30: 143-162. This essay was featured in a full-page textbox in the adaptive structuration theory chapter of *Introducing Communication Theory: Analysis and Application*, 2<sup>nd</sup> ed., edited by Richard L. West and L. H. Turner (New York: McGraw-Hill, 2003): 271.

Keränen, Lisa. 2001. The Hippocratic Oath as Epideictic Rhetoric: Reanimating Medicine's Past for its Future. *Journal of Medical Humanities* 21: 55-68.

### **Book Chapters**

Keränen, Lisa, Kirsten Lindholm, and Jared Woolly. In press. Imagining the People's Risk: Projecting National Strength in China's English-Language News about Avian Influenza Outbreak. *Imagining China: Rhetorics of Nationalism in an*

*Age of Globalization*, edited by Stephen J. Hartnett, Lisa Keränen, and Donovan Conley (East Lansing, MI: Michigan State University Press, forthcoming).

Hartnett, Stephen J., Lisa B. Keränen, and Donovan S. Conley. In press. A 'Gathering Storm' or 'A New Chapter'? China, the United States, and the Rhetorical Work of National Imaginaries. *Imagining China: Rhetorics of Nationalism in an Age of Globalization*, edited by Stephen J. Hartnett, Lisa Keränen, and Donovan Conley (East Lansing, MI: Michigan State University Press, forthcoming).

Keränen, Lisa. 2014. "This Weird, Incurable Disease": Competing Diagnoses in the Rhetoric of Morgellons. *Health Humanities Reader*, edited by Therese Jones, Lester Friedman, and Deleuse Wear (New Brunswick, NJ: Rutgers University Press): 36-49. Invited.

Keränen, Lisa. 2013. Technologies of Self at the End of Life: Pastoral Power and the Rhetoric of Advance Care Planning. *The Language of our Biotechnological Future*, edited by Michael Hyde and James Herrick (Waco, TX: Baylor University Press): 193-218. Invited. **Recipient of the 2013 Best Edited Book Award from the Communication Ethics Division of the National Communication Association.**

Keränen, Lisa. 2011. How Does a Pathogen Become a Terrorist? The Collective Transformation of Risk into Bio(in)security. In *Rhetorical Questions in Health and Medicine*, edited by Joan Leach and Deborah Dysart-Gale (New York: Lexington Books): 85-120. Invited.

Keränen, Lisa. 2010. Competing Characters in Science-Based Controversy: A Framework for Analysis. *Understanding Science: New Agendas in Communication*, edited by LeeAnn Kahlor and Patricia Stout (New York: Routledge): 133-160.

Sunwolf, Lawrence R. Frey, and Lisa Keränen. 2005. Rx Story-Prescription: The Healing Effects of Storytelling and Storylistening in the Practice of Medicine. In *Narrative, Health, and Healing: Communication Theory, Research, and Practice*, edited by Lynn Harter, Phyllis M. Japp, and Christina S. Beck (Mahwah, NJ: Lawrence Erlbaum Associates): 237-257. **Recipient of the 2006 Award for Best Book in Applied Communication from the Applied Communication Division of the National Communication Association.**

Keränen, Lisa Belicka. 2000. "Girls Who Come to Pieces": Shifting Ideologies of Beauty and Cosmetics Consumption in the *Ladies' Home Journal*, 1900-1920. In *Turning the Century: Essays in Media and Cultural Studies*, edited by Carol A. Stable (Boulder, CO: Westview Press): 142-165.

**Chapter in Refereed Serial Publication**

Keränen, Lisa, and Virginia Sanprie. 2008. 'Oxygen of Publicity' and 'Lifeblood of Liberty': Communication Scholarship on Mass Media Coverage of Terrorism for the Twenty-first Century. *Communication Yearbook* 32, edited by Christina Beck (New York: Routledge): 231-275.

**Chapter in Refereed Conference Proceedings**

Keränen, Lisa. 2008. Bio(In)Security: Rhetoric, Scientists, and Citizens in the Age of Bioterrorism. *Sizing Up Rhetoric*, edited by David Zarefsky and Elizabeth Benacka (Long Grove, IL: Waveland): 227-249.

**Chapter in Textbook**

Keränen, Lisa, and Jennifer Malkowski. 2012. How Can A Rhetorical Perspective Help Us Understand Science and Medicine? *Introduction to Communication Studies: Translating Communication Scholarship into Meaningful Practice*, edited by Alan Goodboy and Kara Shultz (Kendall Hunt): 157-164.

**Encyclopedia Entries**

Jennifer Malkowski, J. Blake Scott, and Lisa Keränen. 2016. Rhetorical Approaches to Health and Medicine. In *Oxford Encyclopedia of Research in Communication*. In press. **This was an invited 10,000 word state of the art review essay for which I was the lead invitee.**

Keränen, Lisa. 2014. Bioterrorism. In *Encyclopedia of Health Communication*, edited by Teresa L. Thompson (Thousand Oaks, CA: Sage): 117-120.

Keränen, Lisa. 2014. Biosecurity/Biopreparedness. In *Encyclopedia of Health Communication*, edited by Teresa L. Thompson (Thousand Oaks, CA: Sage):114-117.

Keränen, Lisa. 2014. Rhetoric: Health and Medicine. In *Encyclopedia of Health Communication*, edited by Teresa L. Thompson (Thousand Oaks, CA: Sage): 1174-1176.

Keränen, Lisa. 2010. Rhetoric of Medicine. In *Encyclopedia of Science and Technology Communication Volume 2*, edited by Susanna Hornig Priest (Thousand Oaks, CA: Sage): 639-642.

**Book Reviews**

Keränen, Lisa. 2014. *Rhetorical Darwinism: Religion, Evolution, and the Scientific Identity*, by Thomas W. Lessl. *Quarterly Journal of Speech* 100.4: 492-495. DOI: 10.1080/00335630.2014.990177

Keränen, Lisa. 2012. *Letting Stories Breathe: A Socio-Narratology*, by Arthur W. Frank. *Journal of Medical Humanities* 33: 287-9.

Keränen, Lisa. 2010. *Patient Tales: Case Histories and the Uses of Narrative in Psychiatry* by Carol Berkenkotter. *Rhetoric Society Quarterly* 40: 502-5.

Keränen, Lisa. 2007. *Health and the Rhetoric of Medicine* by Judy Segal. *Rhetorica* 25: 442–443.

Keränen, Lisa. 2006. *Starring the Text: The Place of Rhetoric in Science Studies* by Alan Gross. *Journal of Communication* 56: 866-867.

Keränen, Lisa. 2005. *Metaphor and Knowledge: The Challenges of Writing Science* by Ken Baake. *Science Communication* 27: 152-155.

Keränen, Lisa, and Lisa S. Parker. 2003. *Playing God? Human Genetic Engineering and the Rationalization of Public Bioethical Debate* by John H. Evans. *Journal of the American Medical Association* 289: 1513-1514.

#### **White Papers, Briefs, and Reports to Federal Agencies and Beyond**

Bean, Hamilton, and Lisa Keränen. 2013, June. 'Keep Wicked Calm and Carry the Hell On': Boston, Terrorism, and the Rhetorical Power of Resilience. Opinion editorial/thought piece prepared *Discussion Point*, a publication of the National Consortium for the Study of Terrorism and Responses to Terrorism (START). College Park, MD.

Erin Davison (with Lisa Keränen). 2012, September. Full Report of "An Exploratory Study of Factors Affecting International and Domestic English Language Learner Students' Educational Experiences at a Western States Urban University." Submitted to the College of Liberal Arts and Sciences.

Erin Davison (with Lisa Keränen). 2012, September. Summary Report of "An Exploratory Study of Factors Affecting International and Domestic English Language Learner Students' Educational Experiences at a Western States Urban University." Submitted to the College of Liberal Arts and Sciences.

HealthTeamWorks. 2011, July. Palliative Care Clinical Guidelines, available online at <http://www.healthteamworks.org/guidelines/palliative-care.html> and mailed to 5,000+ health care providers across Colorado. I was but one of numerous collaborators on this multidisciplinary project.

Keränen, Lisa, Hamilton Bean, Margaret Durfy, John McClellan, and Tim Kuhn. 2009, July 15. Centering Resonance Analysis of Multi-Modal Media Coverage of the July 7, 2005 London Terrorist Attacks. College Park, MD: Research Brief, National Consortium for the Study of Terrorism and Responses to Terrorism.



Keränen, Lisa, Hamilton Bean, Margaret Durfy, John McClellan, and Tim Kuhn. 2009, February 26. *Guerilla Marketing Gone Bad: Investigating Media Coverage of the Boston Bomb Scare*. College Park, MD: Research Brief, National Consortium for the Study of Terrorism and Responses to Terrorism.

Bean, Hamilton, and Lisa Keränen. 2008, February 26. *The Role of Homeland Security Information Bulletins within Emergency Management Organizations*. College Park, MD: Research Brief, National Consortium for the Study of Terrorism and Responses to Terrorism.

Keränen, Lisa, Hamilton Bean, Katherine Cruger, John McClellan, and Virginia Sanprie. 2007. *A Selected Annotated Bibliography on Mass Media Coverage of Terrorism Emphasizing Post-9/11 Scholarship*. Prepared for the National Consortium for the Study of Terrorism & Responses to Terrorism (START), A DHS-funded Center of Excellence, 175+ pp.

Keränen, Lisa, and Virginia Sanprie. 2007. *Mass Media Coverage of Terrorism: An Abbreviated Review of Post 9/11 Scholarship*. Research Brief Prepared for the National Consortium for the Study of Terrorism & Responses to Terrorism (START), A DHS-funded Center of Excellence.

Keränen, Lisa, Cindy White, and Jennifer Tilliss. 2005. *Student Perceptions of Challenging Coursework: Summary of An Exploratory Focus Group Study of Communication Major's Perceptions of Academically Challenging Coursework*. Report Prepared for the Communication Department and Dean of Arts and Sciences at the University of Colorado.

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#### **SELECTED WORK IN PROGRESS AND UNDER REVIEW**

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##### **Book Projects**

Keränen, Lisa. *Envisioning Viral Apocalypse: A Rhetorical History of Biological Threats from the Post-Cold War to the War on Terror*. Manuscript in progress for submission to university press.

##### **Selected Essays in Progress**

Patrick Dodge, and Lisa Keränen. In process. "Narratives of Conquest in Lhasa's Tibet Museum." Draft undergoing revision for submission to national communication journal.

Additional projects are planned and underway.

**GRANTS AND FUNDING**

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**Federally Funded or Funded by Source Outside of the University of Colorado**

2012-13 Waterhouse Family Institute Grant for “US-Chinese-Tibetan Communication in an Era of Globalization,” with Stephen John Hartnett (PI) and Patrick Dodge, \$9,090.

2009-11 National Communication Association (NCA) Annual Budget for National Communication Association Forum (NCA-F; with NCA Forum Advisory Board), to support 2009 convention activities, grants writing trip, and public deliberation conference initiative, \$13,000.

2008-9 Co-authored Decade of Behavior (DOB) grant application from the American Psychological Association (APA; with Dawn O. Braithwaite), for Benjamin Barber to travel to NCA, \$3,500.

2008-9 National Communication Association (NCA) Annual Budget for National Communication Association Forum (NCA-F; with NCA Forum Advisory Board), to support 2009 convention activities, grants writing trip, and public deliberation conference initiative, \$12,500.

2007-8 Co-authored Decade of Behavior (DOB) grant application from the American Psychological Association (APA; with Dawn O. Braithwaite and Herb Simons), for Fred Friendly Seminars’ Richard Kilberg to travel to NCA, \$3,500.

2005-7 Department of Homeland Security Center of Excellence on Behavioral and Social Aspects of Terrorism and Counter-Terrorism (START; Co-PIs: Gary LaFree, University of Maryland and Kathleen Tierney, University of Colorado), \$12 million, 3-year grant total for Center, my portion exceeds \$106,000, with \$10,000 additional funds secured for PhD Fellow.

2007 START/NCA Outreach Funding for 2008 NCA-F “Terrorist Threat to San Diego: NCA Preconference on Pre-Event Emergency Communication,” uniting emergency management practitioners and scholars, \$7,500 from START.

2004-7 Quick Response Research Grant from the Center for Hazards Research and Statistical Applications, “An Exploratory Study of Citizen Responses to Alleged Incidents Involving Bioterrorism” (Co-PI with Hamilton Bean). \$2,920 activated in case of triggering event. Funded by Federal Emergency Management Association (FEMA) and National Science Foundation (NSF), *Renewed 2005, 2006, 2007-8.*

**Internally Funded by University Units (CU Denver unless otherwise noted)**

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2014 CLAS Act Grant, College of Liberal Arts and Sciences, University of Colorado Denver for “Integrating Digital Storytelling into Communication Classes,” \$3765, which includes \$3,265 from CLAS plus \$500 cost sharing from CU Denver’s Office of International Affairs (OIA).

2014 CLAS Dean’s Fund for Excellence, University of Colorado Denver, “Graduate Student Travel Study Scholarships,” \$1,000

2012 CRISP Award, College of Liberal Arts and Sciences, University of Colorado Denver for “US-Chinese Communication in an Era of Globalization” with Stephen John Hartnett and Patrick Dodge, \$5,000.

2012 Dean’s Fund for Excellence Funding, College of Liberal Arts and Sciences, University of Colorado Denver, \$750 for special issue assistance.

2011 Dean’s Fund for Excellence Funding, College of Liberal Arts and Sciences, University of Colorado Denver, for MA Student Erin Davison, \$250 for research incentives for study of English Language Learners in CLAS.

2011 Dean’s Fund for Community Development, College of Liberal Arts and Sciences, University of Colorado Denver, \$500 for China Film Screening and Information Session.

2009-10 CU Denver College of Liberal Arts and Sciences (CLAS) Dissemination Grant, \$500 for *Scientific Characters* website development.

2009 CU Denver YUMPS (Young Upwardly Mobile Professional) travel grant, \$500 for travel to NCA annual meeting.

2008-9 CU Boulder Center for Humanities and the Arts (CHA) Faculty Fellowship, \$10,000.

2009 CU Boulder Dean’s Fund for Excellence Travel Grant to Western States Communication Association (WSCA) conference, \$700.

2008-9 CU Boulder Council on Research and Creative Work, “Communicating at the End-of-Life: A Study of Medical Residents’ Implicit Communicative Values” (PI, with co-investigators Merrit Dukehart and Carey Candrian), \$1750; Award returned because I left CU-Boulder (except for funds pertaining to one focus group).

2007-8 New Agendas in Science Communication Travel Grant to University of Texas at Austin for conference and book project, funded by the Program for Public Understanding of Science and Medicine, UT-Austin, \$1,000.

2007 CU Boulder Dean's Fund for Excellence Travel Grant to Western States Communication Association (WSCA) conference, \$750.

2006 CU Boulder Council on Research and Creative Work, \$5000 summer stipend.

2006 CU Boulder Dean's Fund for Excellence Travel Grant to Rhetoric Society of America (RSA) conference, \$350.

2005 CU Boulder Colorado Challenge Funding for "An Exploratory Study of Undergraduate Communication Majors' Perceptions of Academic Quality in their Communication Coursework" (Co-PI with Cindy White). Funded by Arts & Sciences and the Department of Communication, \$1,200.

2005 CU Boulder Council on Research and Creative Work (CRCW) Small Grant Award. Funded by the Office of the Associate Vice Chancellor for Research for primary documents from the Vanderbilt Television Archive, \$300.

#### **Grants Submitted but Not Funded**

2013 Faculty Development Award, Tibetan Exile Communication, University of Colorado Denver, \$10,000 (Collaborators: Stephen John Hartnett and Patrick Dodge). *Not awarded.*

2013-16 National Endowment for the Humanities Collaborative Research Grant, "The Dilemmas and Opportunities of U.S.-Chinese Communication in an Age of Globalization," \$300,000 (co-investigator; Stephen John Hartnett, PI). *Not awarded.*

2012-15 National Endowment for the Humanities Collaborative Research Grant, "The Dilemmas and Opportunities of U.S.-Chinese Communication in an Age of Globalization," \$300,000 (co-investigator; Stephen John Hartnett, PI). *Not awarded.*

2012 National Communication Association Advancing the Discipline Grant, "Rhetoric of Science Oral History Project," \$5,000 with Damien Pfister. *Not awarded.*

2009-10 National Patient Safety Foundation, "Communicating Safely at the End-of-Life: A Study of Medical Residents' Implicit Communicative Values," \$57,000 (with Merrit Dukehart and Carey Candrian). *Not awarded.*

2007-9 Department of Homeland Security Center of Excellence on Behavioral and Social Aspects of Terrorism and Counterterrorism. "Homeland Security Preparedness Discourse Across Diverse Media Content: An Investigation of Mediated and Citizen Themes," \$263,000. *Not awarded.*

2007 Institute for Ethical and Civic Engagement at the University of Colorado, “Series of Public Debates on Science Controversies and Society,” (with Roger Pielke and Bobbie Klein), \$10,000. *Not awarded.*

## INVITED LECTURES

### Invited International

Keränen, Lisa. 2015. *Germs, Governments, and Citizens: Communicating Risk in the Age of Pandemics* (在大流行的时代通信风险). Invited lecture delivered at Shenzhen University in Shenzhen, China in June.

Keränen, Lisa, and Hamilton Bean. 2015. *Building Intercultural Bridges: Narratives of the New China and US-China Communication*. Invited lecture at the inaugural Communication, Media, and Governance conference at the Chinese Communication University in Beijing, China in May.

Keränen, Lisa. 2013. *Pandemics and Pollution: Rhetorics of Risk and Resilience* (流感 污染 风险 复原). Lecture presented at the International College of Beijing (ICB) Symposium on “Ecologies of Risk” at the China Agricultural University in Beijing, China.

Keränen, Lisa. 2012. *Pandemic Now: The Evolving Rhetoric of Biological Security*. Lecture presented at the International College of Beijing (ICB) Symposium on “Communicating Across Bodies: The Public Life of Food and Germs” at the China Agricultural University in Beijing, China, on May 18.

Keränen, Lisa. 2009. *Communication and Health: Pathways and Possibilities*. Lecture presented at the International College of Beijing (ICB) of the China Agricultural University in Beijing, China, on May 21.

Keränen, Lisa. 2008. “The Age of Bioterror is Now”: Rhetoric, Autopoeisis and the Post- 9/11 Production of Bio(in)Security. Paper presented at the “Rhetoric and Knowledge-Making in Health and Medicine Workshop” of the Peter Wall Institute for Advanced Studies at the University of British Columbia in Vancouver, Canada, on February 13.

### Invited Keynote or Plenary Addresses

Keränen, Lisa. 2016, February 19. *Teaching Family-Centered Models of Health Communication*. Visiting Professor Medical Education Lecture at Pediatric Grand Rounds. Colorado Children’s Hospital. Aurora, CO.

Keränen, Lisa. 2015, July 22. “The Road to Resilience”: Critiquing and Engaging an Evolving Paradigm. Invited plenary keynote panel speech delivered at the annual Aspen Engaged Communication conference. Aspen, CO in July.

Keränen, Lisa. 2015, February 5. "This Weird, Incurable Disease": Competing Rhetorics in a Contested Illness. Invited Arts in Medicine Series Lecturer. Anschutz Medical Campus. Aurora, CO.

Keränen, Lisa. 2014, March 3. Germs and Weapons: Health Security in an Age of Catastrophic Risk. Invited Arts in Medicine Series Lecturer. Anschutz Medical Campus. Aurora, CO.

Keränen, Lisa. 2013. The New Social Contract: Moving Science Communication from Deficit to Engagement. Invited Spotlight Panel Speaker and NCA Representative on "Citizen Engagement on Science & Policy: Critical Questions, Best Practices," Panel at the Association for Centers of Science & Technology annual meeting in Albuquerque, NM.

Keränen, Lisa. 2013. Health Security in an Age of Catastrophic Risk. Invited Keynote Speaker. Inaugural Discourses of Medicine and Society Conference. University of Cincinnati, Ohio.

Keränen, Lisa. 2013. Germs and Weapons: The Evolving Rhetoric of Biological Threats. CU Denver Graduate School's Mini-Humanities School. University of Colorado Denver.

Keränen, Lisa. 2013. Technologies of the Self at the End of Life. Invited plenary speaker at After the Genome Conference. Wake Forest University in Winston-Salem, NC.

Keränen, Lisa. 2011. Rhetoric and Trust in Biomedical Life. Presentation at a meeting of the Colorado Council of Medical Librarians at University of Colorado's Children's Hospital on February 8.

Keränen, Lisa. 2009. Responding to Staff Abuse: What Ethics Committees Need to Know. A research review presentation given to the Clinical Ethics Committee at Boulder Community Hospital on March 18.

Keränen, Lisa. 2009. Viral Apocalypse, Then and Now. A public lecture presented as part of the *Apocalypse & Transformation* lecture series sponsored by the Center for Humanities and the Arts at the University of Colorado at Boulder on March 6.

Keränen, Lisa. 2005. Bio(In)Security: Rhetoric and Technology in the Age of Bioterrorism. A public lecture presented as part of the *Communication, Terrorism, and National Security* lecture series sponsored by the Hugh Downs School of Human Communication at Arizona State University.

Keränen, Lisa. 2005. Science and Security in the Age of Bioterrorism: Challenges for Scientists and Citizens. Invited public lecture presented at the Science, Technology, and Decision-making Symposium sponsored by the Center for Science and Technology Policy, CIRES in Boulder, CO.

Keränen, Lisa. 2004. Three Meditations on Communication. Invited Communication Department Commencement Speaker at University of Colorado at Boulder.

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## CONFERENCE PAPERS AND PRESENTATIONS

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### International

Keränen, Lisa. 2016, June 21. The Rhetorical Work of Resilience: Unpacking 'Bounce Back' in Environmental and Health Discourses. Paper presented to the NCA-CUC-CUD Conference on "Communication, Media, and Governance in an Age of Globalization." China University of Communication in Beijing, China.

Keränen, Lisa. 2015, April 30. From Health Security Rhetoric to Digital Health Production: Or, What One Rhetorician Offers the Health Humanities. Presentation at the International Health Humanities Conference in Aurora, CO.

### National

Keränen, Lisa. 2015, November. Stumbling into Solidarity and Feeling Haunted: Conducting Research in China. Presentation at the annual meeting of the National Communication Association in Las Vegas, NV.

Keränen, Lisa. 2015, November. Critic Meets Authors: Reflections on Johnson's *American Lobotomy* and Graham's *Politics of Pain*. Presentation at the annual meeting of the National Communication Association in Las Vegas, NV.

Keränen, Lisa, Hamilton Bean, and Phaedra Pezzullo. 2014, November. The Rise of Resilience: Vulnerability and the Post-9/11 Risk Society. Paper presented at the annual meeting of the Association for the Rhetoric of Science and Technology in Chicago, IL.

Keränen, Lisa. 2014, November. Invited panelist on "What Does Rhetoric Offer the Health Humanities?" panel discussion at the annual meeting of the National Communication Association in Chicago, IL.

Keränen, Lisa. 2013. Invited panelist on "The Rhetoric of Medicine and Health as an Emerging Paradigm in Health Communication" panel discussion at the annual meeting of the National Communication Association in Washington, DC.

Keränen, Lisa. 2012. Invited panelist on “New Directions in the Rhetoric of Science and Medicine” panel discussion of my and Jordynn Jack’s recent research at the biennial meeting of the Rhetoric Society of America in Philadelphia, PA.

Keränen, Lisa. 2011. Collective Diagnosis: The Communicative Constitution of Morgellons Disease. Paper presented at the annual meeting of the National Communication Association in New Orleans, LA.

Keränen, Lisa. 2011. *What Are Stem Cells?: A Conversation with the Author and Readers*. Presentation at the annual meeting of the National Communication Association in New Orleans, LA.

Keränen, Lisa. 2010. New Directions in the Rhetoric of Science: Conversation with the Author and Readers of *Scientific Characters*. Presentation at the annual meeting of the National Communication Association in San Francisco on November 15. Sponsored by the Association for the Rhetoric of Science & Technology.

Keränen, Lisa. 2010. Rhetoric, Trust, and Truth in a Breast Cancer Controversy: Talking about *Scientific Characters*. A research presentation to be delivered at the Arts and Literature in Medicine series at the University of Colorado’s Anschutz Medical Campus on November 8.

Keränen, Lisa. 2010. Rhetoric and Trust in Biomedical Life: Competing Characters in a Breast Cancer Controversy. A research presentation to be delivered at the Center for Bioethics and Health Law Colloquium at the University of Pittsburgh Medical Center on October 1.

Keränen, Lisa. 2004. Code Dread: Doctors’ Communicating at the End-of-Life. An invited paper presented at the Center for Bioethics and Health Law Grand Rounds at the University of Pittsburgh Medical Center’s Western Psychiatric Institute in Pittsburgh, PA.

Bean Hamilton, Lisa Keränen, and Margaret Durfy. 2010. ‘This is London’: National Identity, Security Policy, and the Discourse of Resilience in the 7/7 Bombings. Paper presented by first author at the annual meeting of the National Communication Association in San Francisco, CA.

Keränen, Lisa. 2008. Competing Characters in Science-Based Controversy: The Case of Dr. Bernard Fisher. Paper presented at the New Agendas in Science Communication Conference, University of Texas. Austin, Texas.

Keränen, Lisa, Jason Lesko, Alison Vogelaar, and Lisa Irvin. 2006. “Myth, Mask,



Shield, and Sword”: Dr. John H. Marburger III’s Rhetoric of Neutral Science for the Nation. Winner of Wrage-Basekerville Award for Top Contributed Paper in Public Address. Paper presented at the annual NCA meeting in San Antonio, TX.

Keränen, Lisa. 2006. “The Age of Bioterror is Now”: Biopreparedness Exercises, Fantasy Documents, and an Organizational Rhetoric of Science. Paper presented at the annual NCA meeting in San Antonio, TX.

Keränen, Lisa. 2006. Bio(in)security: Rhetoric, Science, and Citizens in the Age of Bioterrorism. Paper presented at the biennial conference of the Rhetoric Society of America (RSA) in Memphis, TN.

Keränen, Lisa. 2006. Rhetoric and the “Politicization of Science”: John Marburger’s Rhetorical Vision of Science. Paper presented at the biennial conference of RSA in Memphis, TN.

Keränen, Lisa. 2005. Biopolitics and Cleanliness Institute Advertising. Paper presented at the annual NCA meeting in Boston, MA.

Keränen, Lisa. 2005. Phobic Citizens, Docile Bodies, and the Coming Viral Apocalypse: The Role of Fantasy Documents in U.S. Bioterrorism Policy. Paper presented at the annual NCA meeting in Boston, MA.

Keränen, Lisa, Lisa Irvin, Jason Lesko, and Alison Vogelaar. 2005. Science and Politics in Controversy: Presidential Science Advisor John Marburger’s Rhetorical Use of Science. Paper presented at the annual American Association for the Rhetoric of Science and Technology (AARST) meeting in Boston, MA.

Keränen, Lisa. 2004. Bio(In)Security: The Discourses of Public Health Preparedness. Paper presented at the annual NCA meeting in Chicago, IL.

Sunwolf, Lawrence B. Frey, and Lisa Keränen. 2004. Storied Prescriptions: A Functional Model of the Healing Effects of Storytelling in the Practice of Medicine. Paper presented at the annual NCA meeting in Chicago, IL.

Keränen, Lisa. 2004. *Ethos, Persona*, and Voice in the Context of Scientific Discourse. Paper presented at the annual AARST meeting in Chicago, IL.

Han, Paul K., Lisa Keränen, Dianne Lescisin, and Robert A. Arnold. 2004. The Palliative Care Clinical Exercise (CEX): An Experience-based Intervention for Teaching End-of-life Communication Skills. Paper presented by first author at the annual Society for General Internal Medicine (SGIM) meeting in Chicago, IL.

Keränen, Lisa. 2004. Death and the Rhetorical Situation: Physicians, Patients, and Persuasion at the End-of-Life. Paper presented at the bi-annual RSA meeting in Austin, TX.

Keränen, Lisa. 2003. Decoding “Code Status” in Hospital Policy and Practice. Paper presented at the annual NCA meeting in Miami, FL.

Keränen, Lisa. 2002. Fisher Dethroned: The Making and Breaking of Scientific *Ethos*. Paper presented at the annual NCA meeting in New Orleans, LA.

Keränen, Lisa. 2001. Negotiating Research Misconduct Policies: An Analysis of Strategies in the *New England Journal of Medicine* and the *Canadian Medical Association Journal*. Paper presented at the annual NCA meeting in Atlanta, GA.

Keränen, Lisa. 2001. Exploring the Non-directive *Ethos* in Prenatal Genetic Counseling: Role Play in the Study and Teaching of the Rhetoric of Science. Presenter and project co-coordinator (with Gordon Mitchell). Special Session of the annual AARST meeting in Atlanta, GA.

Keränen, Lisa. 2001. Mapping Misconduct: Demarcating Legitimate Science from Fraud in the B-06 Lumpectomy Controversy. Paper presented at the NCA Honors Doctoral Seminar in Rhetorical Studies (cosponsored by the University of Texas at Austin) in Austin, TX.

Keränen, Lisa A. 2000. The Hippocratic Oath as Epideictic Rhetoric. Paper presented at the annual NCA meeting in Seattle, WA.

Keränen, Lisa A. 2000. Breast Cancer Controversy: A Case Study in the Rhetoric of the Bernard Fisher B-06 Protocol. Paper presented at the annual NCA meeting in Seattle, WA.

Belicka, Lisa A. 1999. “Girls who Come to Pieces:” A Rhetorical Account of Women, Cosmetics, and Advertising in the *Ladies’ Home Journal*, 1900-1920. Paper presented at the NCA Honors Doctoral Seminar in Rhetoric, History, and Public Culture (cosponsored by the University of Illinois) in Urbana, IL.

Belicka, Lisa A. 1998. Biomilitant Metaphors of Human Reproduction and a Feminist Rhetoric of Science. Paper presented at the annual NCA meeting in New York, NY.

Belicka, Lisa A. 1998. “Girls who come to Pieces”: Intersections of Class and Cosmetics Consumption in *Ladies’ Home Journal* Discourse, 1900-1920. Paper presented at the annual NCA meeting in New York, NY.

## Regional and State

Keränen, Lisa. 2015. What the Rhetoric of Health and Medicine Contributes to Studies of Environmental Communication. Roundtable presentation at the annual meeting of the Western States Communication Association in Spokane, WA.

Keränen, Lisa. 2014. From “Panicked Publics” to “Resilient Citizens”: Shifting Notions of Citizen Participation in US Biopreparedness Plans. Paper presented at the annual meeting of the Western States Communication Association in Anaheim, CA.

Keränen, Lisa, Kirsten Lindholm, and Jared Woolly. 2014. Pandemics, Pollution, and Publics: Competing Rhetorics of Risk in Contemporary China. Paper presented at the US/China preconference held before the annual meeting of the Western States Communication Association in Anaheim, CA.

Keränen, Lisa. 2013. “The Equally Serious Danger of Emerging Infectious Diseases”: The Evolving Trajectories of Biological Security. Paper presented at the annual meeting of the Western States Communication Association in Reno, NV.

Keränen, Lisa. 2010. Bio-rhetoric in Times of Terror and War. Paper presented at the annual meeting of the Western States Communication Association in Monterey, CA.

Keränen, Lisa. 2009. Doctor in the Limelight: *L’Affaire Poisson* and the Tangled *Ethos* of Biomedicine. Paper presented at the annual meeting of the Western States Communication Association in Mesa, AZ.

Keränen, Lisa, Hamilton Bean, Margaret Durfy, John McClellan, & Tim Kuhn. 2009. Guerilla Marketing Gone Bad: A Centering Resonance Analysis of Multi-Modal Media Coverage of the Boston Bomb Scare. Paper presented at the annual meeting of the Western States Communication Association in Mesa, AZ.

Bean, Hamilton, and Lisa Keränen, 2008. Trusted Partnership or Tentative Courtship?: Exploring the Culture of Information Sharing Across Local and Federal Emergency Preparedness Organizations. Paper presented at the annual Western States Communication Association (WSCA) meeting in Broomfield, CO. Winner of Top Contributed Paper Award from Organizational Communication Division.

Keränen, Lisa, and Cindy White. 2008. Dilemmas of Student Learning: A Focus Group Study of Student Perceptions of Challenging Experiences in Their Undergraduate Communication Coursework. Paper presented at the annual WSCA meeting in Broomfield, CO.

Keränen, Lisa. 2007. "I Always Felt Pressurized by the Form": The Institutional Rhetoric of Code Status Deliberation at the End of Life. Paper presented at the annual WSCA meeting in Seattle, WA.

Bean, Hamilton, and Lisa Keränen, 2007. "Hey, We're Seeing This as a Problem": Enactment of Homeland Security-Related Threat Information within One University's Emergency Management Organization. Paper presented at the annual WSCA meeting in Seattle, WA. Winner of Top Four Contributed Paper Award from Organizational Communication Division.

Keränen, Lisa. 2006. Scripting Futures: The Organizational Rhetoric of Counter-terrorism Training Exercises. Paper presented at the annual WSCA meeting in Palm Springs, CA.

Keränen, Lisa. 2005. The Biopolitics of Cleanliness Institute Magazine Advertising. Paper presented at the annual WSCA meeting in San Francisco, CA.

Keränen, Lisa. 2004. Technology and the Citizen in the Age of Bioterrorism: A Response to Winner. Invited respondent to Langdon Winner's "Trust and Terror" at the Inaugural Convening of the Colorado STS Scholars.

Sherblom, John C., Lisa A. Belicka, and Lesley A. Withers. 1999. Structuration Theory Applied to the Game Warden Service. Paper presented at the annual Eastern Communication Association (ECA) meeting in Charleston, WV.

Belicka, Lisa A. 1998. The Performative Dimensions of the Rhetoric of Science. Paper presented at the annual ECA meeting in Saratoga Springs, NY.

Belicka, Lisa A. 1998. Contract Grading in the Basic Speech Course: Issues, Applications, and Strategies. Paper presented at the annual ECA meeting in Saratoga Springs, NY.

Belicka, Lisa A. 1997. The Organizational Functions of Game Warden Narratives. Paper presented at the annual ECA meeting in Baltimore, MD.

Belicka, Lisa A. 1997. The Relationship between Affective Orientation and Logical versus Emotional Appeals in Capital Punishment Texts. Winner of the 1997 Top Two Interpersonal/Organizational Paper Award. Paper presented at the annual ECA meeting in Baltimore, MD.

Belicka, Lisa A. 1995. The Rhetoric of Musical Form. Paper presented at the annual ECA meeting in Pittsburgh, PA.

Belicka, Lisa A. 1994. The Rhetoric of Musical Form in Copland's Appalachian Spring Suite. Paper presented at the 1994 annual Speech Communication Association of Pennsylvania (SCAP) meeting in Gettysburg, PA.

Belicka, Lisa A. 1993. The Role of Ethics in Forensics. Paper presented at the annual SCAP meeting in State College, PA.

#### **MEDIA AND DIGITAL PRODUCTIONS**

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Make, Jeremy, and Lisa Keränen. 2014. *China Rising: Stories of Transformation*. University of Colorado Denver, video available online:  
<https://www.youtube.com/watch?v=mvfADzvILLo>

Keränen, Lisa. 2013. ARST Oral History Interview with Dr. Lisa Keränen (Damien Pfister, Prod.), video and podcast available online:  
<http://www.youtube.com/watch?v=SKEavgRilo8>

Keränen, Lisa. 2010, February 26. How to Protect the Children of Divorce (Letter to the Editor). *New York Times*, A26.

Keränen, Lisa. 2009, April. Talking About Bioterrorism: Audio-Interview with Joann Keyton. *Communication Currents: A Publication of the National Communication Association*, 4, 2, online at  
<http://www.communicationcurrents.com/> and <http://faculty.chass.ncsu.edu/keyton/CCaudio/nca08/jLisaKeranen.WMA?False> . My research was one of six projects featured from the 2008 NCA convention program

Vaillancourt, Lance. 2009, February 10. Lisa Keränen quoted in "Hot Zone" Author to Talk Bioterror, Pandemics at CU Event. *The Boulder Daily Camera*, <http://www.dailycamera.com/news/2009/feb/10/richard-preston-hot-zone-panic-level-4-boulder/>; Reprinted in *Colorado Daily*, <http://www.coloradodaily.com/news/2009/feb/10/richard-preston-hot-zone-panic-level-4-boulder/>

Childers, Oakland. 2009, January 29. Lisa Keränen quoted in "Hot Zone" Author to Address Challenges of Infectious Disease, Danger of Biological Warfare at CU-Boulder Lecture. [www.colorado.edu/news](http://www.colorado.edu/news)

NCA Press Project. 2008, November. Exclusive with Lisa Keränen.  
<http://ncapress.org/2008/11/exclusive-with-lisa-keranen.html>

Keränen, Lisa. 2008. Competing Characters in Science-Based Controversy. Digital Podcast as part of the New Agendas in Science Communication Series. Digital Media Services, University of Texas, <http://push.communication.utexas.edu>

Keränen, Lisa. 2005. Bio(In)Security: Rhetoric and Technology in the Age of Bioterrorism. Digital Podcast as part of the Hugh Downs Interview Series on Communication, Terrorism, and National Security. Digital Media Services, Arizona State University, <http://dmit.asu.edu/dms/podcasts.html>

Keränen, Lisa. 2005. Interview with Hugh Downs about Bioterrorism and the War on Terror, March 4. Digital Podcast, <http://dmit.asu.edu/dms/podcasts.html>

## COURSES TAUGHT

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### UNIVERSITY OF COLORADO DENVER

#### Graduate Classes

- COMM 5710 Rhetorics of Risk in Science, Health, and the Environment
- COMM 5550 Rhetorics of Medicine and Health
- COMM 5710 Special Topic: Digital Health Narratives
- COMM 5710 Special Topic: Seminar in Rhetorics of Health and Medicine
- COMM 5995 Travel Study: Narratives of the New China (in Beijing, Shanghai, and Harbin)
- COMM 6013 Introduction to Graduate Work in Communication

#### Undergraduate Classes

- COMM 1011 Fundamentals of Communication
- COMM 4710 Special Topic: Digital Health Narratives
- COMM 4550 Rhetorics of Medicine and Health
- COMM 4995 Travel Study: Narratives of the New China (in Beijing, Shanghai, and Harbin)

### UNIVERSITY OF COLORADO AT BOULDER

#### Graduate Classes

- COMM 6330 Seminar in Rhetoric of Science and Technology
- COMM 6320 Contemporary Rhetorical Theory
- COMM 5310 Seminar in Contemporary Rhetorical Criticism
- COMM 5300 Graduate Readings in Rhetoric & Bioterrorism

#### Undergraduate Classes

- COMM 3300 Rhetorical Foundations of Communication
- COMM 3360 Rhetorical Criticism
- COMM 4300 Seminar in Rhetoric: Rhetoric & Bioterrorism
- COMM 4300 Seminar in Rhetoric: Rhetorics of Health and Medicine
- COMM 4300 Seminar in Rhetoric: Rhetoric's Characters

### UNIVERSITY OF PITTSBURGH

#### Graduate Classes

BIOETH 2658 Philosophy of Medicine (Assisted John Lyne)  
COMMRC 3384 Teaching Practicum (Assisted Theodore O. Windt)

**Undergraduate Classes**

COMMRC 0300 Communication Processes  
COMMRC 0330 Interpersonal Communication  
COMMRC 0520 Public Speaking  
COMMRC 0540 Discussion

**UNIVERSITY OF MAINE****Undergraduate Class**

COM103 Fundamentals of Public Communication

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**ACADEMIC ADVISING**

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**GRADUATE STUDENTS****Advisor to PhD Students at the University of Colorado Boulder (3)**

Jennifer Malkowski (2010-2014): Title: "The Language of Our Biotechnological Anxiety: Public Health Policy, Medical Ethos, and The Rhetoric of Vaccination" (co-advisor with Gerard Hauser). Jen is a tenure track assistant professor of health and rhetoric at Chico State in Chico, CA.

David Hicks (2008-2011): Title: "Imagining and Imagining the Future: Rhetorical Visions of the Environment in Gasland." Until his retirement, David worked as a senior communication specialist at the National Renewable Energy Lab in Golden, CO.

Katherine Cruger (2008-2011): Title: "Rebuilding Green: Rhetoric and Community Reinvention in Greensburg, KS, and New Orleans, LA." Katie is now an assistant professor at Chatham University in Pittsburgh, PA.

**Advisor to MA Students with Theses (5)**

Erin Davison (completed: May 2012): Master of Communication Thesis Topic: A Focus Group Study of English Language Learners' Barriers to Educational Success. Erin recently relocated to Minnesota and is applying to PhD programs for next fall.

Lauren Archer (completion: May 2010 with Pete Simonson): Thesis Topic: "The 'Rightful Place of Science': Understanding the Intersection of Science and Politics in President Obama's First 100 Days." Lauren is now a PhD candidate at the University of Washington.

Michael Wiley (completion: May 2009): Thesis Topic: "Gastrosophistry: A Rhetorical Analysis of the *French Laundry Cookbook*." Mike now owns a

restaurant in Vermont. One of his thesis chapters was accepted for conference presentation.

Merrit Dukehart (completed: May 2007): “‘There are no A, B, or C People’: A Postcolonial Rhetorical Analysis of Media Coverage of Uganda’s ‘ABC’ HIV Prevention Campaign.” Thesis Chapter Won a Top Four Debut Paper Award at WSCA, 2007.

Katherine Cruger (completed: May 2008): “Saving the World One Porch Swing at a Time: A Rhetorical Ethnographic Analysis of New Urbanism.” Early thesis work was presented at conference and accepted for publication in edited proceedings volume.

### **Primary Advisor to MA Students with Comprehensive Exams (20+)**

Laura Peuquet (2016-present)  
 Madison Krall (2016-present)  
 DeMyla Patterson (2014-2015)  
 Andrew Gilmore (2014-2016)  
 Christina Kunkel (2014-2016)  
 Jeremy Make (2013-2015)  
 Allison Dietz (2012-2014)  
 Sang Min Kim (2012-2013)  
 Kara Turpen (non-degree advisor Fall 2013)  
 Miranda Meyer (non-degree advisor Fall 2013)  
 Alyssa Schreiber (2012-2014)  
 Laura Garcia Sanchez (2010-2013)  
 Tracy Breckenridge-Farrell (2011-2012)  
 Kimberly Brokling (temp. 2011-2012)  
 Harry Archer (temp. 2011-2012)  
 Kirstin Runa (2010-2012)  
 Allegra Sackett Nelson (2010-2012)  
 Laura Garcia Sanchez (2011-2013)  
 Katie L. Peters (2010-2011)  
 Jared Woolly (temp. 2010-2011)  
 Ann Gendazsek (2005-2007)  
 Kristin M. Cipolla (2003- 2005; co-advised with Bryan Taylor)  
 Joshua Ehrenreich (2005-2007)

### **Member of Completed Dissertation and/or MA/PhD Comprehensive Exam Committees (20+)**

James McNeil (MA, CU Denver, 2016)  
 Rachael Schaff (MA, CU Denver, 2016)  
 Ashley Reitz (MA, CU Denver, 2016)  
 Benjamin Nichols (MA, CU Denver, 2015)  
 Kris Keyes Anderson (PhD, CU Boulder)



Hamilton Bean (PhD, CU Boulder)  
 James Black (MA, CU Denver)  
 William Bledsoe (PhD, CU Denver)  
 Jennifer Bone (PhD, CU Boulder)  
 Adam Briggie (ENVS; PhD, CU Boulder)  
 Kirsten Carlson (MA, CU Denver)  
 Aaron Dimock (PhD, CU Boulder)  
 Merrit Dukehart (PhD, CU Boulder)  
 Susanne Grady (MA, CU Denver)  
 Michael Khoo (PhD, CU Boulder)  
 Laura Lemon (MA, CU Denver)  
 Julien Mirivel (PhD, CU Boulder)  
 Amy O'Connell (MA, CU Denver)  
 Virginia Sanprie (PhD, CU Boulder)  
 Linda Scholz (PhD, CU Boulder)  
 erin underwood (PhD, CU Boulder)  
 Matthew Vorell (PhD, CU Boulder)  
 Mingjie Wang (PhD, CU Boulder)  
 Yara Youssuf (MA, CU Denver)

*(PhD denotes service to both comprehensive exams and dissertation committees; the bulk of the rest are MA comprehensive exam committees at CU Denver)*

#### **International Dissertation Committee (1)**

Dorothy Woodman, University of Alberta, "Bodies and Texts, Spaces and Borders: Women Re-Envision Breast Cancer" (completed December 2011).

#### **Committee Member for MA Student Theses (4)**

Sang Min Kim (CU Denver, 2014)  
 Benjamin Boyce (CU Denver, 2013)  
 Nicole Palidwor (CU Denver, 2013)  
 Jennifer Tilliss (CU Boulder)  
 Brandon Fitzgerald (CU Boulder)

#### **START Advisor for PhD Predoctoral Fellowship, \$10,000/2-year funded project (1)**

Hamilton Bean (CU Boulder)

#### **UNDERGRADUATE STUDENTS**

##### **International College Beijing BA Honors Thesis Committee (1)**

Mingshan (Daphne) Shao (May 2011), "The Performance of Identity in Chinese Workplaces: An Interview Study Concerning Women's Self-Negotiation between Uniqueness & Conformity."

##### **CU Boulder College Honors Thesis Committee (1)**

Carlyn Williams, Math and Biochemistry (May 2008): Thesis on Internet Health Narratives at the Grillo Center

**Thesis Advisor for CU Boulder Honors Students (3)**

Austin Perrine Haggard (May 2006): "Constructing the Threat of Anthrax: A Rhetorical Analysis of Mass Mediated and Organizational Risk Communication," *Summa Cum Laude*.

Kimberly Herman (May 2005): "An Ideographic Analysis of 'Government-Run Health Care', 'Socialized Medicine' and 'Universal Health Care' in Presidential and Vernacular Rhetoric during the 2004 Presidential Campaign," *Magna Cum Laude*.

Maren K. Middleton (May 2004): "The Factional-Fiction of Dark Biology: A Rhetorical Analysis of Richard Preston's Trilogy on Biological Weapons," *Magna Cum Laude*. Rough draft of thesis chapter competitively accepted to the Depauw University Annual Undergraduate Honors Conference in Greencastle, IN, March, 2004.

**Undergraduate Research Opportunity Supervisor (1)**

Hart Liddell, Spring 2006, media and terrorism

**Faculty Mentor for Puksta Social Justice Fellows, CU Denver**

Jeremy Make, 2014

**SELECTED TEACHING-RELATED PRESENTATIONS AND ACTIVITIES**

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Keränen, Lisa. 2016, February 19. Innovating Medical Education Using Active Learning: A Workshop. Delivered at the Children's Hospital of Colorado. Aurora, CO.

Keränen, Lisa. 2016, January 29. Learning Spaces Panel Participation. 21<sup>st</sup> Century Learning Spaces Workshop for North Classroom Redesign. CU Denver.

Keränen, Lisa. 2014, September 22. Engaging English Language Learners and Building Intercultural Bridges: Stories, Community, and Narratives of the New China. CU Denver CLAS Interdisciplinary Forum.

Keränen, Lisa, and Rebecca Burris. 2014, September 11. COMMunity Voices: An Evening of Digital Storytelling. Public Event and Reception held at the University of Colorado Denver.

Keränen, Lisa. 2013, March 8. Gender and Power in the Ivory Tower. Workshop Facilitator, Department of Communication, CU Denver.

Keränen, Lisa. 2013, May 21. Getting into Graduate School. Presentation and special advising session at the International College of Beijing of the China Agricultural University.

Keränen, Lisa. 2012, October. Maximizing Your Chances for Graduate School Funding. Invited Speaker on Keynote Panel. The Promotable You Conference. Metropolitan State University.

Keränen, Lisa. 2012, May 18. Applying to Graduate School. Presentation and special advising session at the International College of Beijing of the China Agricultural University.

Keränen, Lisa. 2012, September. Applying to Graduate School. Presentation for International College of Beijing Students in Denver.

Keränen, Lisa. 2012, March. Invited seminar lecturer on “How Rhetoric Matters to Science Policy,” Science and Technology Policy Center, University of Colorado Boulder.

Keränen, Lisa, and J. Blake Scott. 2011. Invited faculty co-facilitator for Rhetoric Society of America Summer Institute on “Rhetoric of Medicine and Its Publics,” involving 15 hours of instruction concerning theory and research methods pertaining to the rhetoric of medicine for new PhD students through full professors.

Keränen, Lisa. 2010, October. Making the Most of Bioethics. Presentation to the University of Pittsburgh’s Center for Bioethics and Health Law’s Graduate Students.

Keränen, Lisa. 2010, April. How to Get Published. Invited presentation to the University of Colorado at Boulder’s Communication Graduate Students Association.

Keränen, Lisa, and James Wynn. 2009. Invited faculty co-facilitator for Rhetoric Society of America Summer Institute on “Rhetoric of Science and Its Publics,” at Pennsylvania State University involving 15 hours of instruction concerning theory and research methods pertaining to the rhetoric of science for new PhD students through full professors.

Keränen, Lisa. 2009. Rhetorical Criticism of Science and Medicine: The Case of Biological Weapons. A research presentation given during Sonja Foss’s *Critical Analyses of Communication* class at the University of Colorado at Denver’s Communication Days in Denver, Colorado on April 22.

Keränen, Lisa. 2006. Demystifying Academic Conferences. Invited faculty presenter at student Rhetoric Society of America chapter's Scholarly Life Series at UCB.

Keränen, Lisa. 2006. Bio(Insecurity): Rhetoric, Bioterrorism, and Challenges for Global Leadership. Invited lecturer for the President's Leadership Class at UCB.

Keränen, Lisa. 2005. Communicating at the End-of-Life: Rhetorical Matters. Invited lecturer/facilitator in Julien Mirivel's COMM 4220 Seminars in Health Communication.

Keränen, Lisa. 2005. The Rhetoric of Science in Science Policy. Lecture presented to Roger Pielke's ENVES 5100 Graduate Science Policy Seminar.

Keränen, Lisa. 2003. Teaching a Special Topics Seminar in the Rhetoric of Science: Senior Seminar in Rhetoric and Bioterrorism. Presented at the annual AARST meeting in Miami, FL.

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#### **SELECTED FACULTY DEVELOPMENT**

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Organizer of Monthly Teaching/Professional Development Brownbags, Fall 2010-Fall 2015; Topics include but are not limited to:  
Gender and Power in the Ivory Tower  
Helping English Language Learners Succeed  
Teaching with Inclusive Excellence  
Preparing a Teaching Portfolio  
Best Practices in Grading Rubrics  
How to Promote Discussion  
Making the Most of Your Academic Conference Experience  
Writing Effective Exam Questions  
Applying to PhD Programs  
Disability Culture in the Classroom  
Meeting the Needs of Students with Learning Disabilities

Organizer, Women of COMM events and meetings, Fall 2014-Spring 2015

Digital Storytelling Workshops, attended and mentored graduate students organizers, Spring-Fall 2014

President's Teaching Scholar Research Proposal for Digital Storytelling in the Classroom Project, Fall 2013

How To Teach Writing Workshop with Dr. William Waters, Fall 2010

UCB Interdisciplinary Rhetoric Workshop, Fall 2003-Spring 2008; This interdisciplinary group read theory in the fall and workshopped papers in the spring. Readings included selections from Arendt, Kristeva, Heidegger, and the pragmatists

Co-organizer of Feminist Reading Group for graduate students and junior faculty, met monthly, 2007

Workshop on Medical Rhetoric Attendee, Summer Institute, Rhetoric Society of America, June 2007

“News and Terrorism: Communicating in a Crisis” Interactive Workshop, Organized by National Academies, DHS, and the Radio-Television News Directors Foundation, Denver, CO, June 2, 2005

Grant Writing for the Social Sciences and Humanities Workshop, Organized by Fred Pampel, October 19, 2004

Leadership Education for Advancement and Promotion Workshop Grant (\$1,200 from National Science Foundation-supported initiative). Completed 28-Hour Leadership Training, January 5-8, 2004

Faculty Teaching Excellence Program (FTEP) Performance in a Nutshell Seminars, March 3 and 10, 2004

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#### RELATED PROFESSIONAL EXPERIENCE

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**COMMUNITY ACTION NETWORK (IN CONJUNCTION WITH THE FAMILIES FORWARD RESOURCE CENTER AND THE CENTER FOR PUBLIC HEALTH PRACTICE OF THE COLORADO SCHOOL OF PUBLIC HEALTH)**

Service-Learning Supervisor, Spring 2014-Fall 2016

Coordinated and oversaw service-learning and video production of more than 4 public service announcements about infant mortality among black Coloradans and Diabetes Prevention Programs with graduate and undergraduate students, as part of coursework and beyond.

**HEALTHTEAMWORKS, PALLIATIVE CARE GUIDELINE COLLABORATION**

Participated on Multidisciplinary Team, Spring and Summer 2011

Collectively crafted Palliative Care Clinical Guidelines for health care providers across the state of Colorado.

**BOULDER COMMUNITY HOSPITAL, CLINICAL ETHICS COMMITTEE**

Core Member of Ethics Committee and Member, Ethics Consultancy Service, 2006-May 2009

Offered bioethics advice regarding end-of-life issues, justice concerns, decisional capacity and proxy decision-making, and other ongoing ethics cases to community hospital ethics committee and serve as an on-call consultant for emergent ethics cases; End-of-life committee, 2007; Selected to be core member, 2008-Summer 2009

**INTERNAL MEDICINE, UNIVERSITY OF PITTSBURGH MEDICAL CENTER (UPMC) SHADYSIDE AND MONTEFIORE HOSPITALS**

Consultant/Research Assistant III, 2002-03

Collaborated on instrument design, data collection, and publication of results; aim of research was to improve physicians' communication with the seriously ill

**CENTER FOR BIOETHICS AND HEALTH LAW, UNIVERSITY OF PITTSBURGH**

Research Assistant, Summer 2001

Drafted research protocols and IRB materials for various healthcare research projects; developed *Philosophy of Medicine* graduate seminar materials

**MEDICAL INTENSIVE CARE UNIT, UPMC AND WOMEN'S COMPREHENSIVE BREAST PROGRAM, MAGEE WOMEN'S HOSPITAL**

Clinical Practica in Bioethics, Summer 2001

Observed and participated in end-of-life decision-making and ethics consults; examined medical decision-making and clinical encounters in ICU and breast cancer clinic; and analyzed ethics of living-related lobar lung transplantation

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**SERVICE**

**TO THE CU SYSTEM**

Co-Chair (with Charles Benight of UCCS), Fundraising and Development Committee of the President's Teaching Scholars, 2014-present

Member, Spring 2015 Annual Retreat Planning Committee of the President's Teaching Scholars, 2014-2015

President's Fund for the Humanities Award Selection Committee, 2015-present

**TO OTHER UNIVERSITIES**

External Reviewer, Promotion and Tenure Case, Rhetoric of Health and Medicine, Ryerson University, Canada, Fall 2015

External Reviewer, Promotion and Tenure Case, Rhetoric of Science and Medicine. North Carolina State University, 2014

External Reviewer, Promotion and Tenure Case, Science and Risk Communication. North Dakota State University, 2013

**TO THE UNIVERSITY OF COLORADO DENVER**

Member, Provost's National Search Committee for CLAS Dean, 2013-2014

Member, Provost's Teaching Excellence Award Committee, 2012-2014

Member, North Classroom Renovation Design Committee, 2015-present

**TO THE UNIVERSITY OF COLORADO DENVER COLLEGE OF LIBERAL ARTS & SCIENCES (CLAS)**

Member, CLAS Teaching Excellence Award Committee, Spring 2014-2015

Member, Graduate Program Directors Committee, Fall 2009-2016

Member, Steering Committee in Health/Medical Humanities, Spring 2010-present

Member, Dean's Advisory Committee, Fall 2010-Spring 2012; Fall 2015-Spring 2016

Member, Dean's Advisory Committee Subcommittee on Clinical Teaching Track, Spring 2011-Spring 2012

**TO THE UNIVERSITY OF COLORADO DENVER DEPARTMENT OF COMMUNICATION**

Director of Graduate Studies and Chair of Graduate Program Committee, Fall 2009-2016

Organizer and Co-organizer, Fall Department Orientation for New Teachers, Fall 2010-2016

Organizer, Monthly Brown Bags on Pedagogy and Professional Development, Fall 2010-2016

Creator, Graduate Program Recruitment Materials, Fall 2009-2016

Chair, Graduate Recruitment and Admissions Committee, Fall 2009-present

Chair, Exploratory PhD Proposal Committee, Spring 2012-2014

Chair, Exploratory Online Health Communication Certificate Committee, 2014

Member, Media Studies Faculty Search Committee, Fall 2015

Member, Ad Hoc Donor Relations Committee, Spring 2013-present

Member, Bylaws Revision Committee, Spring 2012-2013

Member, Ad Hoc Pedagogy Guidelines Committee, Spring 2010-2011

Member, Awards Committee, Fall 2009-present

Member, Media Studies Faculty Search Committee, Fall 2010

Member, Fundraising Committee, Summer 2013-present

Member, Communication Days Committee, 2011-present

Member, New Media Search Committee, Fall 2012

Member, Tenure and Promotion Evaluation Committees, 2009-present

Co-Editor, *InterActions* Newsletter, Fall 2009-present (with Stephen Hartnett and Michelle Médal, Designer)

Listserve Manager (with Michelle Médal), Fall 2009-present

Member, Department Marketing/PR Committee, Fall 2009-present

Web Spinner, Fall 2010-2013 (with Michelle Médal)

Facebook Co-coordinator, Fall 2012-present (with Hamilton Bean)

Mentor, Sophomore Mentoring Program, Spring 2010

Ad Hoc Member, International College Beijing Committee, Fall 2010-present

Creator, Compiler, and Editor, *Communication Department Instructor's Manual*, Summer 2010-2015

**TO THE UNIVERSITY OF COLORADO BOULDER DEPARTMENT OF COMMUNICATION**

Co-organizer, School Kits to Iraqi Children Donation Campaign (more than 100 school kits sent to Iraqi children from UCB and UCD), Fall 2008  
 Graduate Admissions Committee, Fall 2007-2008  
 Coordinator, Department Marketing Committee, Fall 2007-2009  
 Editor and Designer, *Echoes, The Communication Department Newsletter*, 2007-2008  
 Advisor, Eta Phi Communication Honor Society, Fall 2003-Summer 2007  
*Faculty Supervisor, Focus Group Study of Academic Quality, Eta Phi Service Project; Organized/Oversaw over 20 events for undergraduates in 4 years*  
 Advisor, Communication Graduate Students Association (CGSA), Fall 2005-2006  
 Member, Merit Review Committee, Fall 2006-2007; 2008-2009  
 Member, Unit Merit Committee, Fall 2006-2007  
 Member, Undergraduate Program Committee, Fall 2005-2007  
 Member, Rhetoric Search Committee, Fall 2004-2005  
 Chair, Department Marketing Committee, Fall 2004-2005  
 Chair, Website Development Committee, Fall 2004-2005  
 Graduate Admissions Writing Sample Reviewer, Spring 2004-Spring 2009

#### **TO THE UNIVERSITY OF COLORADO BOULDER COLLEGE OF ARTS AND SCIENCES**

Executive Committee, Center for Science & Technology Policy Research, 2007-8  
 Social Sciences Divisional Orientation Speaker to Incoming Students/Parents, 2006

#### **TO OTHER GROUPS**

Consultant to Hard Call Podcast Series, Center for Bioethics and Humanities, Anschutz Medical Campus, Spring 2016-present  
 Facilitator, Roaring Forks Leadership Institute, Spring 2014-present  
 Consultant to Children's Environmental Health Center at National Jewish Hospital, Denver CO, Fall 2013-present  
 Artistic Design and Layout, *Captured Words/Free Thoughts*, quarterly publication of poetry by imprisoned writers, 2008

#### **TO THE DISCIPLINE AND PROFESSIONAL ORGANIZATIONS**

##### **Offices and Leadership**

President, Public Address Division of the National Communication Association, 2015-present; Vice President, 2014-2015; Second Vice President 2013-2014  
 President, Association for the Rhetoric of Science & Technology (ARST, formerly AARST), 2012-2013; Immediate Past President, November 2013-2014;  
 Treasurer of AARST, 2003-05; Steering Committee Member for ARST, 2002-05; Board of Governors of ARST, 2006-present; Second Vice-President of ARST, 2010-2011; First-Vice President of ARST, 2011-2012  
 Director, National Communication Association-Forum, June 2008-2010;  
 Immediate Past Director, June 2010-11; Member, Fall 2006-2011  
 Co-organizer, NCA Scholar's Office Hours, 2014-present



Co-organizer, NCA Preconference on US/China Communication, 2013  
 Co-organizer, WSCA Preconference on US/China Communication, 2013  
 Lead organizer, National Communication Association-Forum/START  
 Preconference on Emergency Pre-Communication (partnered with Fred  
 Friendly Seminars), 2008  
 Member, Distinguished Teaching Award Selection Committee, Western States  
 Communication Association, Fall 2015-present  
 Nominating Committee, Rhetorical and Communication Theory Division of NCA,  
 2005-06  
 Member, Aubrey Fisher Award Committee, Western States Communication  
 Association, Fall 2009-Spring 2010  
 Organizer, Rhetoric Society of America/ARST Preconference on Medicine, Health,  
 and Publics, Philadelphia, PA, 2012  
 Organizer, Inventing the Future: ARST Vicentennial Celebration Preconference,  
 Orlando, Florida, 2012  
 Co-organizer (with David Depew and Joan Leach) of AARST Annual Preconference,  
 "Turning the Rhetoric of Science into Pedagogical Materials," 2004

*\*\* This list does not include panels organized, chaired, or responded to for  
 professional associations.*

#### **Editorial Boards**

*Health Communication*, 2008-present  
*Journal of Medical Humanities*, 2009-present  
*POROJ*, 2012-present  
*Western Journal of Communication*, 2007-present  
*Quarterly Journal of Speech*, 2012-present

#### **Ad Hoc Manuscript & Submission Reviewer**

ARST/NCA conference and preconference workshop  
 Public Address Division of NCA  
 Critical/Cultural Studies Division of WSCA  
 Bioterrorism/Biological Weapons Textbook, Pearson-Prentice Hall  
 Media Studies & Rhetoric and Public Address Divisions of WSCA  
 Rhetoric of medicine book, Southern Illinois University Press

#### **Ad Hoc Journal Submission Reviewer**

*Critical Studies in Media Communication*  
*Environmental Communication*  
*Feminist Studies*  
*Journal of General Internal Medicine*  
*Literature & Medicine*  
*Medicine, Health Care, and Philosophy*  
*Philosophy & Rhetoric*  
*Public Understanding of Science*

*POROI Journal*  
*Quarterly Journal of Speech*  
*Philosophy & Rhetoric*  
*Rhetoric Society Quarterly*  
*Social Science and Medicine*  
*Storytelling, Self and Society, Special Issue on Stories in Biomedicine*  
*Technical Communication Quarterly*  
*Western Journal of Communication*

**Grant Reviewer**

National Cancer Institute (NCI), Small Grants Behavioral Research in Cancer Control, Spring 2010 (declined additional invitations to serve)  
Social Sciences and Humanities Research Council of Canada (SSHRC), Rhetoric of Science, Health, and Medicine, 2007-8  
National Science Foundation (NSF), Rhetoric of Science, February 2004

**MEMBERSHIP IN LEARNED SOCIETIES**

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Association for the Rhetoric of Science and Technology (ARST, formerly AARST)  
National Communication Association (NCA)  
Western States Communication Association (WSCA)