

## CURRICULUM VITAE

Dr. Stuart William Shulman

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## POSITIONS HELD

**2009-Present**, Founder and CEO, Texifter, LLC

**2013-2014**, Vice President for Text Analytics, Vision Critical Communications Inc.

**2008-2012**, Founder and Director, Qualitative Data Analysis Program, UMass Amherst

**2008-2012**, Associate Director, National Center for Digital Government, UMass Amherst

**2008-2012**, Assistant Professor, Department of Political Science, UMass Amherst

**2007-2008**, Associate Professor, School of Information Sciences, University of Pittsburgh

**2007-2008**, Director, Sara Fine Institute, University of Pittsburgh

**2007-2008**, Core Investigator, Advanced Center for Interventions and Services Research Network Development Core, University of Pittsburgh

**2005-2008**, Founder & Director, Qualitative Data Analysis Program (QDAP), University Center for Social and Urban Research, University of Pittsburgh

**2004-2007**, Assistant Professor, with a joint appointment in the School of Information Sciences and the Graduate School of Public and International Affairs, University of Pittsburgh

**2000 – 2004**, Assistant Professor, Environmental Science and Policy Program, Drake University

**1999 – 2000**, Adjunct Assistant Professor, Department of Political Science, Providence College

**Spring 1999** – Visiting Assistant Professor, Department of Politics and Government, University of Puget Sound

## EDUCATION

### **Ph.D. 1999**

University of Oregon, Political Science -- Dissertation: “The Origin of the Federal Farm Loan Act: Agenda-Setting in the Progressive Era Print Press” [Dr. Gerald Berk, Chair]

### **B.A. 1989**

Boston University, Political Science and English (Cum Laude, with Honors Thesis Distinction) Thesis: “Political Extremism and the Novel” [Dr. Susan Mizruchi, Chair]

## ARTICLES PUBLISHED IN REFEREED JOURNALS

1. **Stuart W. Shulman**, "The Case Against Mass E-mails: Perverse Incentives and Low Quality Public Participation in U.S. Federal Rulemaking," *Policy & Internet*: Vol. 1: Iss. 1, Article 2.
2. Jaime Arguello, Jamie Callan and **Stuart W. Shulman**, "Recognizing Citations in Public Comments," *Journal of Information Technology & Politics* (Guest Editors: Claire Cardie and John Wilkerson) Vol. 5, No. 1 (2008), 49-71.
3. Chi-Jung Lu and **Stuart W. Shulman**, "Rigor and Flexibility in Computer-based Qualitative Research: Introducing the Coding Analysis Toolkit," *International Journal of Multiple Research Approaches* Vol. 2, No. 1 (2008), 105-117.
4. David Schlosberg, Stephen Zavestoski, and **Stuart W. Shulman**, "Democracy and E-Rulemaking: Web-Based Technologies, Participation, and the Potential for Deliberation," *Journal of Information Technology and Politics* (Editor Pro Tem: Karen Mossberger) Vol. 4, No. 1 (2007), 37-55.
5. **Stuart W. Shulman**, "Whither Deliberation? Mass e-Mail Campaigns and U.S. Regulatory Rulemaking" *Journal of E-Government* Vol. 3, No. 3 (2006), 41-64.
6. Mack C. Shelley, Lisa Thrane, and **Stuart W. Shulman**, "Lost in Cyberspace: Barriers to Bridging the Digital Divide in e-Politics," *International Journal of Internet and Enterprise Management* Vol. 4, No. 3 (2006), 228-243.
7. Stephen Zavestoski, **Stuart Shulman**, and David Schlosberg, "Democracy and the Environment on the Internet: Electronic Citizen Participation in Regulatory Rulemaking," *Science, Technology & Human Values* Vol. 31, No. 4 (2006), 383-408.
8. Mack C. Shelley, Lisa E. Thrane, and **Stuart W. Shulman**, "Generational Differences in Informational Technology Use and Political Involvement," *International Journal of Electronic Government Research* Vol. 2, No. 1 (2006), 36-53.
9. **Stuart W. Shulman**, "eRulemaking: Issues in Current Research and Practice," *International Journal of Public Administration* Vol. 28 (2005), 621-641.
10. **Stuart Shulman**, Jonah Katz, Courtney Quinn, and Paritosh Srivastava, "Empowering Environmentally-Burdened Communities: An Emerging Role for Information Technology," *Local Environment* Vol. 10, No. 5 (2005), 501-512.
11. Sally Beisser, **Stuart Shulman**, and Teresa Larson, "Closing the Digital Divide with Service Learning," *Academic Exchange Quarterly* Vol. 9, No. 1 (Spring 2005), 31-35.
12. **Stuart W. Shulman**, "The Internet Still Might (but Probably Won't) Change Everything," *I/S Journal* Vol. 1, No. 1 (Winter 2005), 111-145.
13. Sally Beisser, **Stuart Shulman** and Teresa Larson, "Empowerment through Service-Learning: Teaching Technology to Senior Citizens," *The Innovation Journal* Vol. 10, No. 1 (2005), 1-13.
14. Lisa E. Thrane, Mack C. Shelley, and **Stuart W. Shulman**, Sally Beisser, Teresa Larson, "e-Political Empowerment: Age Effects or Attitudinal Barriers?" *Journal of E-Government* Vol. 1, No. 4 (2004), 21-37.
15. **Stuart Shulman**, Jamie Callan, Eduard Hovy, and Stephen Zavestoski, "SGER Collaborative: A Testbed for eRulemaking Data," *Journal of E-Government* Vol. 1, No. 1. (2004), 123-127.

16. Mack Shelley, Lisa Thrane, **Stuart Shulman**, Evette Lang, Sally Beisser, Teresa Larson, and James Mutiti, "Digital Citizenship: Parameters of the Digital Divide," *Social Science Computer Review*, 22, 2 (2004), 256-269.
17. **Stuart W. Shulman**, "An Experiment in Digital Government at the United States National Organic Program," *Agriculture and Human Values* 20, 3 (Fall 2003), 253-265.
18. **Stuart W. Shulman**, David Schlosberg, Stephen Zavestoski, and David Courard-Hauri, "Electronic Rulemaking: New Frontiers in Public Participation," *Social Science Computer Review* 21, 2 (Summer 2003), 162-178.
19. Stephen Zavestoski and **Stuart W. Shulman**, "The Internet and Environmental Decision-Making," *Organization and Environment* 15, 3 (Fall 2002), 323-327.
20. **Stuart W. Shulman**, "The Business of Soil Fertility: A Convergence of Urban-Agrarian Concern in the Early Twentieth Century," *Organization and Environment* 12, 4 (December 1999), 401-424.
21. **Stuart W. Shulman**, "The Progressive Era Farm Press: A Primer on a Neglected Source of Journalism History," *Journalism History* 25 (Spring 1999), 25-32.
22. Frederick H. Buttel and **Stuart W. Shulman**, "Introduction to the Special Issue on the Politics and Policies of Sustainable Agriculture," *Society and Natural Resources*, guest editor Stuart Shulman, 10, 3 (June 1997), 235-237.

#### BOOK CHAPTERS

1. Schlosberg, David, **Stuart Shulman** and Stephen Zavestoski. "Deliberation in E-Rulemaking? The Problem of Mass Participation." in Todd Davies and Seeta Gangadharan, (Eds.) *Online Deliberation: Design, Research, and Practice* (Chicago: CSLI Publications/University of Chicago Press, 2009).
2. Seongyeon Auh, **Stuart W. Shulman**, Lisa A. Thrane, and Mack C. Shelley, II, "Beyond the Digital Divide: Closing the Generation and Disability Gaps?," in Enrico Ferro, Yogesh K. Dwivedi, J. Ramon Gil-Garcia and Michael D. Williams (Eds.), *Handbook of Research on Overcoming Digital Divides: Constructing an Equitable and Competitive Information Society* (Hershey, PA: IGI Global, 2009).
3. Mack C. Shelley II, Lisa E. Thrane, & **Stuart W. Shulman**. "Generational Differences in Informational Technology Use and Political Involvement: New Directions," In D.F. Norris (Ed.), *E-government Research: Policy and Management*. (Hershey, PA: Idea Group Press, 2007), 336-356.
4. **Stuart Shulman**, "The Federal Docket Management System and the Prospect for Digital Democracy in U.S. Rulemaking," G. David Garson (Ed.) *Modern Public Information Technology Systems: Issues and Challenges* (Hershey, PA: Idea Group Press, 2007).
5. David Schlosberg, **Stuart Shulman**, and Stephen Zavestoski, "Virtual Environmental Citizenship: Web-Based Public Participation on Environmental Rulemaking in the US," in Dobson & Bell (Eds.) *Environmental Citizenship: Getting From Here to There* (Cambridge, MA: MIT Press, 2006), 207-236.
6. Lisa Thrane, **Stuart Shulman**, Mack Shelley, Sally Beisser, and Teresa Larson, "Does Computer Training Translate to E-political Empowerment among Midwestern Senior

- Citizens?" B. Jaeger (Editor), *Young Technologies in Old Hands—An International View on Senior Citizens' Utilization of ICT* (Copenhagen, Denmark: DJØF Publishing, 2005), 159-173.
7. **Stuart W. Shulman**, Lisa Thrane, and Mack C. Shelley, "eRulemaking," in G. David Garson (Ed.) the *Handbook of Public Information Systems* 2<sup>nd</sup> Ed. (Boca Raton, FL: CRC Press, 2005), 237-254.
  8. **Stuart W. Shulman**, "The Origin of the Federal Farm Loan Act: Issue Emergence and Agenda-Setting in the Progressive Era Print Press," in Jane Adams (Ed.) *Fighting for the Farm: Rural America Transformed* (Philadelphia, PA: U. of Pennsylvania Press, 2003), 113-128.

#### PEER-REVIEWED CONFERENCE PROCEEDINGS

1. **Stuart W. Shulman**, Eduard Hovy, Namhee Kwon & Emily Huisman, "Tools for Rules: Technology Transfer and Electronic Rulemaking," *HICSS-41, 2008 the Hawaii International Conference on System Science*, Waikoloa, Hawaii.
2. Namhee Kwon, Eduard Hovy, Liang Zhou, and **Stuart Shulman**, "Identifying and Classifying Subjective Claims," *Proceedings of the Eighth National Conference on Digital Government Research, May 20-23, 2007* (Digital Government Research Center).
3. **Stuart Shulman**, Jamie Callan, Eduard Hovy, and Stephen Zavestoski, "Language Processing Technology for Electronic Rulemaking: A Project Highlight," *Proceedings of the Seventh National Conference on Digital Government Research, May 21-24, 2006* (Digital Government Research Center).
4. Namhee Kwon, **Stuart Shulman**, and Eduard Hovy, "Multidimensional Text Analysis for eRulemaking," *Proceedings of the Seventh National Conference on Digital Government Research, May 21-24, 2006* (Digital Government Research Center).
5. Grace Hui Yang, Jamie Callan, and **Stuart Shulman**, "Next Steps in Near Duplicate Detection for eRulemaking," *Proceedings of the Seventh National Conference on Digital Government Research, May 21-24, 2006* (Digital Government Research Center).
6. **Stuart Shulman**, "Whither Deliberation: Mass e-Mail Campaigns and U.S. Regulatory Rulemaking," *ICEG 2005: The International Conference on e-Government*.
7. **Stuart Shulman**, Jamie Callan, Eduard Hovy, and Stephen Zavestoski, "Language Processing Technology for Electronic Rulemaking: A Project Highlight," *Proceedings of the Sixth National Conference on Digital Government Research, May 15-18, 2005* (Digital Government Research Center).
8. **Stuart W. Shulman** and Mack C. Shelley, "Give the People What They Want: Research Notes from the Hunt for Better Rulemaking," *Proceedings of the Sixth National Conference on Digital Government Research, May 15-18, 2005* (Digital Government Research Center).
9. **Stuart Shulman**, Jamie Callan, Eduard Hovy, and Stephen Zavestoski, "SGER Collaborative: A Testbed for eRulemaking Data," *Proceedings of the Fifth National Conference on Digital Government Research, May 24-26, 2004* (Digital Government Research Center).
10. **Stuart Shulman**, Mack Shelley, and Lisa Thrane, "Digital Citizenship: Parameters of the Digital Divide," in *Proceedings of the Fourth National Conference on Digital Government Research, May 18-21, 2003* (Digital Government Research Center).

11. **Stuart Shulman**, Sally Beisser, Teresa Larson, and Mack Shelley, “Digital Citizenship: Lessons Learned as Service-Learning Meets the Digital Divide,” in *Proceedings of the Third National Conference on Digital Government Research, May 20-22, 2002* (Digital Government Research Center).
12. **Stuart W. Shulman**, Stephen Zavestoski, David Schlosberg, David Courard-Hauri, and Dyson Richards, “Citizen Agenda-Setting: The Electronic Collection and Synthesis of Public Commentary in the Regulatory Rulemaking Process,” in *Proceedings of the Second National Conference on Digital Government Research, May 20-23, 2001* (Digital Government Research Center).

### **GRANTS AND AWARDS**

(Total project funding of **\$3,925,000**, including collaborators, is reported below)

1. **Principal Investigator**, 2008, National Science Foundation “Workshop Grant” (\$50,000) 2008-2009, funded by the NSF’s Political Science Program to Co-Chair “YouTube and the 2008 Election Cycle in the United States” at UMass Amherst.
2. **Principal Investigator**, 2008 UMass Amherst “Research Leadership in Action” (\$25,000) to Co-Chair “YouTube and the 2008 Election Cycle in the United States”.
3. **Sole Inventor**, Best Research Software Award (2008), “The Coding Analysis Toolkit” presented by the Information Technology & Politics Section of the American Political Science Association.
4. **Principal Investigator and Project Director**, National Science Foundation, three linked “Research Grants” plus one supplement from the U.S. Fish & Wildlife Service titled “Collaborative Research III-COR: From a Pile of Documents to a Collection of Information: A Framework for Multi-Dimensional Text Analysis” (\$1,000,000) 2007-2010, funded by NSF’s III Program to further develop and field test language technologies tailored to the eRulemaking environment.
5. **Senior Personnel**, National Science Foundation, “Research Grant” (\$647,000) 2007-2010, titled “HSD: Issue Adoption in Human Rights Advocacy Networks,” funded by the NSF’s Human and Social Dynamics Program.
6. **Principal Investigator and Project Director**, National Science Foundation, “Workshop Grant” (\$25,000), 2006-2007, funded by NSF’s Science and Society Program to run an interdisciplinary workshop titled “Coding across the Disciplines.”
7. **Principal Investigator and Project Director**, National Science Foundation, four linked “Research Grants” plus one supplement from the U.S. Fish & Wildlife Service titled “Collaborative Research: Language Processing Technology for Electronic Rulemaking,” (\$1,225,000) 2004-2008, funded by NSF’s Digital Government Program to develop and test language technologies tailored to the eRulemaking environment.
8. **Co-Principal Investigator**, National Science Foundation, three linked “Research Grants” titled “Democracy and E-Rulemaking: Comparing Traditional vs. Electronic Comment from a Discursive Democratic Framework,” (\$260,000) 2003-2005, funded by NSF’s Societal Dimensions of Engineering, Science, and Technology program to compare traditional and electronic public comments in rulemaking.

9. **Principal Investigator and Project Director**, National Science Foundation, four linked “Small Grants for Exploratory Research” plus two EPA-funded supplements titled “SGER COLLABORATIVE: A Testbed for eRulemaking Data,” (\$210,000) 2003-2005, funded by NSF’s Digital Government Program and the EPA’s eRulemaking Initiative to create an eRulemaking testbed.
10. **Principal Investigator and Project Director**, National Science Foundation, two linked “Research Grants” (\$440,000), funded by NSF's “ITR” Program, 2001-2004, for a four-year study titled “Digital Citizenship: Expanding Information Technology Literacy with a Service-Learning Approach.”
11. **Principal Investigator**, National Science Foundation, “Research Experiences for Undergraduates” (\$10,000), funded by NSF's “ITR” Program, 2002, for research and travel with six undergraduate students to Copenhagen, Denmark for an interdisciplinary meeting titled “Environmental Justice and Global Citizenship.”
12. **Principal Investigator and Project Director**, National Science Foundation, SGER titled “SGER: Citizen Agenda-Setting in the Regulatory Process: Electronic Collection and Synthesis of Public Commentary,” (\$33,498) 2000-2001, funded by NSF's Digital Government Program for a one-year exploratory study.
13. **Honorable Mention Award**, American Journalism Historians' Association, 2000 Dissertation Contest
14. **Pass with Distinction**, Political Science - University of Oregon, 1996, Special Field Paper: “State Intervention in Agricultural Capital Markets”
15. **English Departmental Prize for Excellence in a Senior Honors Thesis**, English - Boston University, 1989, Senior Honors Thesis: “Political Extremism and the Novel”
16. **Dean's List**, English and Political Science Departments - Boston University, 1988 & 1987

### **PROFESSIONAL ASSOCIATIONS**

Association of Internet Researchers – Current Member  
 American Political Science Association – Member 1995-2012  
 American Bar Association – Associate Member 2003-2012  
 Association for Computing Machinery – Member 2006-2012

### **TEACHING INTERESTS**

Qualitative Research Methods, Text Analysis, Computational Social Science, Digital Citizenship, Digital Governance, eGovernment, Service-Learning, Civic Environmentalism, Smart Growth, and Environmental Justice, American National Government, Environmental Policy, Public Policy, Film and American Politics, and Information Theory.

## PROFESSIONAL SERVICE AND FACULTY ACTIVITIES

**Board Member and Treasurer**, “Big Boulder Initiative” (2014-2016)

**Program Committee Member**, “AAAI Conference on Weblogs and Social Media,” Association for the Advancement of Artificial Intelligence (2010).

**Program Committee Member**, “TSA'09 - 1st International CIKM Workshop on Topic-Sentiment Analysis for Mass Opinion Measurement,” Association for Computing Machinery (2009).

**Steering Committee Member**, “Committee on Investigating the Relationship Between Threatening Communications and Actual Behavior,” National Academies of Science and U.S. Secret Service National Threat Assessment Center (2009).

**At Large Committee Member**, “Ad Hoc Committee on the Impact and Implications of Digital Scholarship,” UMass Faculty Senate Task Force (2009).

**Editorial Board Member**, *Policy and Internet*, 2009-present.

**Conference Co-Chair**, “YouTube and the 2008 Election Cycle in the United States,” Amherst, MA (April 2009).

**Conference Co-Chair**, “dg.o 2009” International Conference of the Digital Government Society of North America, Puebla, Mexico (May 2009).

**Conference Co-Chair**, “dg.o 2008” International Conference of the Digital Government Society of North America, Montreal, Canada (May 2008).

**Speaker/Specialist**, a week of U.S. Department of State-funded lectures and trainings on “Web 2.0 – Library 2.0: Citizen-Powered Information,” Kazakhstan, 2007.

**Vice Chair**, “E-Rulemaking Committee” American Bar Association Section on Administrative Law, 2007-present.

**Editor-in-Chief**, *Journal of Information Technology & Politics*, 2006-present.

**Workshop Chair**, “Coding across the Disciplines,” 15-person, two-day workshop at Pitt for social and computer scientists focused on the challenges inherent in manual annotation, supported by a \$25,000 NSF grant, 2006.

**Chair, Election Committee**, oversaw and implemented the first online election for officers of the Digital Government Society of North America, 2006 (see: [www.dgsociety.org](http://www.dgsociety.org)).

**Speaker/Specialist**, a week of U.S. Department of State-funded lectures on “E-government and Transparency,” to government officials, NGOs, librarians, students, and the public, Almaty & Ust-Kamenogorsk, Kazakhstan, 2005.

**Workshop and Tutorial Chair**, “dg.o 2006” NSF’s National Conference on Digital Government Research, 2005-2006.

**Proposal Reviewer**, National Science Foundation (multiple directorates), 2004-present.

**Birds of a Feather Session Chair**, “dg.o 2005” NSF’s National Conference on Digital Government Research, 2004-2005.

**Review Panel Member**, National Science Foundation, 2005.

**Program Committee**, NSF’s National Conference on Digital Government Research, 2003-2009.

**Chair**, “eRulemaking Workshop 2.0,” The George Washington University, supported by a grant from the NSF, 2004.

**Senior Research Associate**, Université de Genève-, European University Institute-, and Oxford Internet Institute-based E-Democracy Centre, 2004-present.

**Editor**, *The ITP News*, the official newsletter of the Information Technology & Politics organized section of the American Political Science Association, 2004-2007.

**President**, IT & Politics Section of the American Political Science Association, 2004-2005.

**Senior Contributing Editor**, *Journal of E-Government*, 2004-2006.

**Editorial Board Member**, *International Journal of Electronic Democracy*, 2004-Present.

**Chair**, eRulemaking Workshop, National Science Foundation, supported by grants from the NSF and EPA, 2003.

**Executive Committee**, NSF’s eRulemaking Workshop, Kennedy School of Government, 2003.

**Coordinator**, Drake University Working Group on Qualitative Data Analysis, supported by a \$2,700 grant from the Associate Provost for Interdisciplinary Programs, 2002.

**Chair**, “e-Rulemaking” Workshop, National Defense University, supported by a \$2,500 grant from Drake University, 2002.

**Arts and Sciences Council & University Faculty Senate**, Drake University, elected 2002.

**Chair**, “Citizen Participation in e-Rulemaking” Workshop at the Council for Excellence in Government, supported by grants from the National Science Foundation (\$3,500) and Drake University (\$1,500), 2001.

**Editorial Board Member**, *Agriculture and Human Values*, 2001-2004.

**Coordinator**, Providence College Working Group on Qualitative Data Analysis, supported by a \$2,500 grant from the Providence College Center for Teaching Excellence, 1999-2000.

**Assistant Program Chair**, University of Oregon, Annual Meeting of the International Studies Association - West Region. Conference theme: “Global Ecology, Global Economy, Global Security: Making Linkages,” 1996.

**Program Chair**, University of Oregon, an interdisciplinary meeting sponsored by the Graduate School and Political Science Department. Conference theme: “The Politics of Sustainable Agriculture,” supported by a \$5,000 grant from the United States Department of Agriculture, 1995.

### CONFERENCE, WORKSHOP, & RESEARCH PRESENTATIONS

1. *A Hitchhiker’s Guide to Getting NSF Funding*, University of Massachusetts Amherst (March 2009)
2. *Measuring Validity: Introducing the Coding Analysis Toolkit*, University of British Columbia (January 2009)
3. *Tools for Rules and the Future of Public Participation*, EPA’s Environmental Information Symposium, Phoenix AZ (December 2008)
4. *Measuring Validity: Introducing the Coding Analysis Toolkit*, London School of Economics (October 2008) **[Invited]**



5. *The Coding Analysis Toolkit: A Hands-On Training*, Internet Research 9.0: Rethinking Community, Rethinking Place, Copenhagen, Denmark (October 2008)
6. *Measuring Validity: Introducing the Coding Analysis Toolkit*, 9<sup>th</sup> Advances in Qualitative Methods Conference, Banff, Canada (October 2008)
7. *Perverse Incentives: The Case against Mass E-mail Campaigns*, University of Washington, iSchool (April 2008) **[Invited Talk]**
8. *Perverse Incentives: The Case against Mass E-mail Campaigns*, University of Massachusetts Amherst, Political Science Department (March 2008) **[Invited Talk]**
9. *The Future of Public Participation in Governance: Electronic Rulemaking and Techniques for Analyzing E-mailed Public Comments*, University of Oregon Political Science Department (March 2008)
10. *Tools for Rules: Managing the Deluge*, Politics Online Conference, Washington, DC (March 2008) **[Invited]**
11. *Software for Qualitative Data Analysis*, University of British Columbia (February 2008)
12. *Tools for Rules*, Hawaii International Conference on System Sciences (January 2008)
13. *Polar Bears and Their Fellow Travelers*, Administrative Law Conference, American Bar Association, Washington, DC (October 2007) **[Invited]**
14. *Tools for Rules and the Future of Public Participation*, MeTTeg07: 1st International Conference on Methodologies, Technologies and Tools enabling e-Government (September 2007) **[Keynote]**
15. *Perverse Incentives: The Case against Mass E-Mails*, American Political Science Association (September 2007)
16. *A Bridge to Somewhere: Coded Corpora, Text Mining, and the Future 'Beyond' Political Science*, American Political Science Association (September 2007)
17. *Web 2.0 – Library 2.0: Citizen-Powered Information*, US State Department Speaker/Specialist for the Consortium of Kazakhstan's Public Libraries (September 2007) **[Invited by US State Department]**
18. *Tools for Rules*, Environmental Protection Agency's "Best Practices in Regulatory Development" (August 2007) **[Invited]**
19. *Tools for Rules*, Penn State's "Workshop on Computer-Based Text Coding" (August 2007) **[Invited]**
20. *Tools for Rules: The Future of Public Participation in the United States*, Carlton University Research Seminar (May 2007) **[Invited Job Talk]**
21. *Coding for Human Language Tool Builders*, CAQDAS 07 Conference: Advances in Qualitative Computing (April 2007)
22. *Click-Through Democracy: A 'Form' of Participation, Engagement & Information Dissemination*, American Society of Public Administration (March 2007)
23. *Coding across the Disciplines*, NSF-sponsored Workshop, University of Pittsburgh (November 2006)

24. *Electronic Rulemaking and the Future of Public Participation*, eGov Workshop, Brunel University (September 2006) **[Keynote]**
25. *eRulemaking and Public Participation in the 21<sup>st</sup> Century* FedWeb West (May 2006) **[Invited]**
26. *Moving Research into Practice: Technology Transfer Challenges for eRulemaking*, ACR Section of the National Association of Secretaries of State (February 2006) **[Invited]**
27. *Deliberation and Mass Participation in 21<sup>st</sup> Century Rulemaking*, Symposium on eRulemaking in the 21st Century sponsored by the Committee on the Judiciary, U.S. House of Representatives (December 2005) **[Invited]**
28. *21<sup>st</sup> Century Rulemaking: Collaboration without Consensus or Coordination*, Administrative Law Conference of the American Bar Association (November 2005) **[Invited]**
29. *eRulemaking and the Murky Future of Public Participation in the United States*, Administrative Law Conference of the American Bar Association (November 2005) **[Invited]**
30. *Electronic Rulemaking and the Future of Mass E-Mail Campaigns*, International Conference on Electronic Government Research, Ottawa, Ontario (October 2005)
31. *Mass E-Mail Campaigns and the U.S.E.P.A.: Do They Make a Difference?* American Political Science Association, Washington, DC (September 2005)
32. *E-Government & Transparency*, A weeklong series of US State Department Speaker/Specialist talks in Kazakhstan (September 2005) **[Invited by US State Department]**.
33. *Language Processing Technology for Electronic Rulemaking: Project Highlight for dg.o2005*, National Grantee Workshop for Digital Government Researchers: "dg.o 2005," Atlanta, GA (May 2005)
34. *Deliberation and Mass Participation in Regulatory Rulemaking*, Second Conference on Online Deliberation, Palo Alto, CA (May 2005)
35. *Deliberation and Mass Participation in Regulatory Rulemaking*, European University Institute, Florence, Italy (April 2005) **[Invited]**
36. *Deliberation and Mass Participation in Regulatory Rulemaking*, American University, workshop on "The State of Rulemaking in the Federal Government" (March 2005)
37. *Technological Responses to Mass E-Mail Campaigns in U.S. Regulatory Rulemaking*, ACR Section of the National Association of Secretaries of State (February 2005) **[Invited]**
38. *Technological Responses to Mass E-Mail Campaigns in U.S. Regulatory Rulemaking*, Oxford Internet Institute (January 2005) **[Invited]**
39. *Whither Deliberation? Mass E-Mail Campaigns and U.S. Regulatory Rulemaking*, Institute of Public Administration of Canada's "International Brainstorm: The Regulatory State of Tomorrow," Toronto, Ontario (December 2004) **[Invited]**
40. *E-Rulemaking: The Next Wave*, EPA's Office of Environmental Information National Meeting on "Leveraging Information Management for Environmental Results," Miami, FL (December 2004) **[Invited]**
41. *Predictors of e-Political Involvement: Are Seniors Slipping Through the Digital Cracks?* Gerontological Society of America, Washington, DC (November 2004)

42. *The Internet Still Might (but Probably Won't) Change Everything* Council of Europe conference on "The Future of Democracy in Europe," Barcelona, Spain (November 2004) [Invited]
43. *The Internet Still Might (but Probably Won't) Change Everything* American Bar Association's Administrative Law Conference, Washington, DC (October 2004) [Invited]
44. *The Internet Still Might (but Probably Won't) Change Everything* United States Chamber of Commerce, Washington, DC (October 2004) [Invited]
45. *Online Deliberation: A Roundtable*, American Political Science Association, Chicago, IL (September 2004) [Organizer]
46. *SGER Collaborative: A Testbed for eRulemaking Data*, National Grantee Workshop for Digital Government Researchers: "dg.o 2004," Seattle, WA (May 2004)
47. *Technological Innovations and Tools to Enable Public Participation and Manage Public Comments*, Law and Society Association (May 2004) [Invited]
48. *Technological Innovations and Tools to Enable Public Participation and Manage Public Comments*, American University E-Rulemaking Conference (January 2004) [Invited]
49. *Information Access and Presentation to Support the Writing of Regulations*, U.S. Environmental Protection Agency (December 2003) [Invited]
50. *Information Access and Presentation to Support the Writing of Regulations*, U.S. Department of Transportation and the Federal eRulemaking Initiative Advisory Board (October 2003) [Invited]
51. *Information Access and Presentation to Support the Writing of Regulations*, eRulemaking Workshop at the National Science Foundation, Arlington, VA (September 2003)
52. *Roundtable on Digital Government Research Trends: Emergence & Evolution*, American Political Science Association, Philadelphia, PA (August 2003) [Organizer]
53. *Digital Citizenship*, Ed-Tech Grantee Workshop for "ITR" Researchers, Boulder, CO (July 2003) [Invited]
54. *Digital Citizenship: Parameters of the Digital Divide*, National Grantee Workshop for Digital Government Researchers: "dg.o 2003," Boston, MA (May 2003)
55. *Digital Citizenship: A Pathway to Environmental Justice*, Western Political Science Association, Denver, CO (March 2003)
56. *Curriculum Innovation in General Education*, AAC&U Network for Academic Renewal Conference: Faculty Work and Student Learning: Meeting New Challenges of a World in Transition, Indianapolis, IN (November 2002)
57. *Integrating Science and Public Values in Environmental Decision-Making: The Role of the Internet in Public Participation*, Euricom Colloquium, Nijmegen, Holland (October 2002) [Invited]
58. *Digital Citizenship: Expanding Information Technology Literacy with a Service-Learning Approach*, American Political Science Association, Boston, MA (August 2002)
59. *Electronic Rulemaking: New Frontiers in Public Participation*, American Political Science Association, Boston, MA (August 2002)

60. *Digital Citizenship: Lessons Learned as Service-Learning Meets the Digital Divide*, National Grantee Workshop for Digital Government Researchers: "dg.o 2002," Los Angeles, CA (May 2002)
61. *Digital Citizenship: A Pathway to Environmental Justice*, Interdisciplinary meeting: "Environmental Justice and Global Citizenship," Copenhagen, Denmark (February 2002)
62. *Digital Citizenship: Expanding Information Technology Literacy with a Service-Learning Approach*, Annual Meeting of the American Association of Colleges and Universities, Washington, DC (January 2002)
63. *Electronic Rulemaking and the Future of Citizen/Government Interaction*, Agriculture, Food, and Human Values Society, Minneapolis, MN (June 2001)
64. *Citizen Agenda-Setting: The Electronic Collection and Synthesis of Public Commentary in the Regulatory Rulemaking Process*, National Grantee Workshop for Digital Government Researchers: "dg.o 2001," Los Angeles, CA (May 2001)
65. *Citizens, Science, and the Democratic Process: The USDA's National Organic Program, Taking Nature Seriously*, Eugene, OR (February 2001)
66. *Citizen Agenda-Setting and the National Organic Program*, American Political Science Association, Washington, DC (September 2000)
67. *Citizen Agenda-Setting and the National Organic Program*, Agriculture, Food, and Human Values Society, New York, NY (June 2000)
68. *Citizen Agenda-Setting and the National Organic Program*, Western Political Science Association, San Jose, CA (March 2000)
69. *Issue Emergence and Agenda-Setting in the Progressive Era Print Press*, Social Science History Association, Fort Worth, TX (November 1999)
70. *Agrarian Agenda-Setting in the Progressive Era Business Press*, American Journalism Historians Association, Portland, OR (October 1999)
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