

CURRICULUM VITAE

Dr. Stuart William Shulman
University of Massachusetts Amherst
E-mail: stu@polsci.umass.edu
Home Page: <http://people.umass.edu/stu>

POSITIONS HELD

- 2009-Present**, Founder and CEO, Texifter, LLC
- 2013-Present**, Research Associate Professor, University of Massachusetts Amherst
- 2013-2014**, Vice President for Text Analytics, Vision Critical Communications Inc.
- 2008-2014**, Founder and Director, QDAP-UMass and Associate Director, National Center for Digital Government, University of Massachusetts Amherst
- 2008-2012**, Associate Director, National Center for Digital Government, University of Massachusetts Amherst
- 2008-2012**, Assistant Professor, Department of Political Science, University of Massachusetts 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
- 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]

Ph.D. Program (1989-1991)

University of Oregon, English Department

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. Buttell 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* 2nd 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

American Political Science Association – Member since 1995-2012
 American Bar Association – Associate member since 2003-2012
 Association for Computing Machinery – Member 2006-2012

TEACHING INTERESTS

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

PROFESSIONAL SERVICE AND FACULTY ACTIVITIES

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

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).

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*, 9th 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 21st 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 21st 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. *21st 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)
71. *Convergence of Concern: Urban Agrarians and Soil Fertility, 1907-1916*, Agriculture, Food, and Human Values Society, Toronto, Ontario (June 1999)
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REFERENCES FROM POLITICAL SCIENCE

Dr. Mack C. Shelley

Iowa State University
Statistics Department
Phone: 515-294-8346
E-mail: mshelley@iastate.edu

Dr. Ronald Mitchell

University of Oregon
Department of Political Science
Phone: 503-740-9231
E-mail: rmitchel@uoregon.edu

Dr. Joe Cammarano

Providence College
Department of Political Science
Phone: 401-865-2906
E-mail: jpcammar@providence.edu

Dr. Andrew Chadwick

Royal Holloway University of London
Department of Political Science
Phone: +44 01784 414131
E-mail: Andrew.Chadwick@rhul.ac.uk

Dr. Cornelius M. Kerwin

American University
President
Phone: 202-885-2121
E-mail: ckerwin@american.edu

Dr. Jeffrey Seifert

Congressional Research Service
Section Research Manager
Phone: 202-707-0781
E-mail: jseifert@crs.loc.gov

Dr. Gary King

Harvard University
Department of Government
Phone: 617-495-2027
E-mail: king@harvard.edu

Dr. Karen Mossberger

University of Illinois at Chicago
Department of Public Administration
Phone: 312-413-8246
E-mail: mossberg@uic.edu

Dr. Frank Baumgartner

Penn State University
Department of Political Science

Phone: 814-863-8978
E-Mail: frankb@la.psu.edu

Dr. David Lazer

Harvard University
Mossavar-Rahmani Center
Phone: 617-496-0102
E-mail: david_lazer@harvard.edu

Dr. Jerry Goldman

Northwestern University
Department of Political Science
Phone: 847-491-2637
E-mail: j-goldman@northwestern.edu

Dr. Lance Bennett

University of Washington
Communication & Political Science
Phone: 206-543-2780
E-mail: lbennett@u.washington.edu

Dr. J. Ramon Gil-Garcia

Centro de Investigación y Docencia Económicas
División de Administración Pública
Phone: +52 55 5727-9800, Ext. 2311
E-mail: joseramon.gil@cide.edu

Dr. David Schlosberg

University of Northern Arizona
Department of Political Science
Phone: 928-523-0339
E-mail: david.schlosberg@nau.edu

Dr. John Wilkerson

University of Washington
Department of Political Science
Phone: 206-543-8030
E-mail: jwilker@u.washington.edu

Dr. John S. Dryzek

Australian National University
Political Science Program
Phone: +61 2 6125 2176
E-mail: jdryzek@coombs.anu.edu.au

Dr. Ken Rogerson

Duke University
Terry Sanford Institute of Public Policy
Phone: 919-613-7387
E-mail: rogerson@duke.edu

Dr. Peter Muhlberger

Texas Tech University
Center for Communication Research
Phone: 806-742-3385 ext. 270
E-mail: pmuhl1848@gmail.com

Dr. Kevin Esterling

University of California, Riverside
Department of Political Science
Phone: 951-827-3833
E-mail: kevin.esterling@ucr.edu

Dr. Bruce Bimber

University of California, Santa Barbara
Department of Political Science
Phone: 805.893.3860
E-mail: bimber@cits.ucsb.edu

NON-POLITICAL SCIENCE REFERENCES

Oscar Morales

USEPA
Director, IT for Pesticides Division
Phone: 703-347-7778
E-Mail: morales.oscar@epa.gov

Dr. Michelle Keeney

Director, National Threat Assessment Center
United States Secret Service
Phone: 202-406-6325
E-mail: Michelle.Keeney@uss.s.dhs.gov

Peter Strauss, Esq.

School of Law
Columbia University
Phone: 212-854-2370
E-mail: Strauss@law.columbia.edu

Dr. Lina Alathari

National Threat Assessment Center
United States Secret Service
Phone: 202-406-5486
E-Mail: Lina.Alathari@uss.s.dhs.gov

Dr. Eduard Hovy

Information Sciences Institute
University of Southern California
Phone: 310-448-8731
E-mail: hovy@isi.edu

Lawrence Brandt

Retired Program Manager, Digital Government
National Science Foundation
Phone:
E-mail: lbrandt1@me.com

Dr. Stephen Zavestoski

University of San Francisco
Sociology Department
Phone: 415-422-5485
E-mail: smzavestoski@usfca.edu

Neil Eisner, Esq.

Department of Transportation
Assistant General Counsel
Phone: 202-366-4723
E-mail: Neil.Eisner@ost.dot.gov

Jeffrey S. Lubbers, Esq.

Washington College of Law
American University
202-274-4266
JSL26@AOL.com

Barbara A. Wanchisen

National Research Council
The National Academies
Phone: 202-334-2394
E-mail: bwanchisen@nas.edu