CURRICULUM VITAE

Steven J. Jackson
Associate Professor
Department of Information Science, Cornell University
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CURRENT AND PRIOR APPOINTMENTS

Associate Professor – Department of Information Science, Cornell University (2013-)
    Graduate field memberships: Information Science, Communication, Science and
    Technology Studies, Public Affairs.

Assistant Professor – Department of Information Science, Cornell University (2011-2013)

Assistant Professor – School of Information, University of Michigan (2008-2011)

Assistant Professor / Research Investigator – School of Information, University of Michigan
    (2005-2008)

Adjunct Assistant Professor – Department of Communication Studies, University of Michigan
    (2005-2011)

EDUCATION

Ph.D. in Communication and Science Studies – University of California, San Diego (2005)
Dissertation: "Building the Virtual River: Numbers, Models, and the Politics of Water in
California"
    Advisors: Geoffrey C. Bowker and Robert Horwitz; Committee members: Gary Fields,
    Chandra Mukerji, Steven Epstein, Andrew Lakoff.

2004-2005 Doctoral Fellow – National Center for Digital Government, John F. Kennedy School
    of Government, Harvard University.

M.A. in Political Economy – Carleton University, Ottawa, Canada (1999)
Thesis: "Communication, Modernization, and Information-led Development: The Case of
Malaysia's Multimedia Super Corridor"
    Advisor: Vincent Mosco; Committee members: Dwayne Winseck, Wallace Clement

B.A. in English and Creative Writing – Concordia University, Montreal, Canada (1994)

SELECTED PUBLICATIONS

Refereed Conferences:

Steven J. Jackson, Tarleton Gillespie, and Sandra Payette, "The Policy Knot: Reintegrating Policy, Practice and Design in CSCW Studies of Social Computing," in *Proceedings of the 2014 Computer Supported Cooperative Work (CSCW) Conference*, Baltimore, MD, Feb 2014.

Stephanie Steinhardt and Steven J. Jackson, "Reconciling Rhythms: Plans and Temporal Alignment in Collaborative Scientific Work," in *Proceedings of the 2014 Computer Supported Cooperative Work (CSCW) Conference*, Baltimore, MD, Feb 2014.

Stephanie Steinhardt and Steven J. Jackson, "Material Engagements: Putting Plans and Things Together in Collaborative Ocean Science," in *Proceedings of the 2014 Hawaii International Conference on Systems Science (HICSS)*, Hawaii, Jan 2014.

Syed Ishtiaque Ahmed, Steven J. Jackson, Maruf Zaber, Mehrab Bin Morshed, Md. Habibullah Bin Ismail, and Sharmin Afrose, "Ecologies of Use and Design: Individual and Social Practices of Mobile Phone Use Within Low-Literate Rickshawpuller Communities in Urban Bangladesh," in *Proceedings of the 2013 ACM Computing for Development Conference (ACM-DEV)*, Cape Town, South Africa, December 6-7, 2013.

Steven J. Jackson and Sarah Barbrow, "Infrastructure and Vocation: Field, Calling, and Computation in Ecology," in *Proceedings of the 2013 Computer-Human Interaction (CHI) Conference*, Paris, France, April 27-30, 2013. ***** honorable mention, best paper award *****

Steven J. Jackson, Stephanie Steinhardt, and Ayse Buyuktur, "Why CSCW Needs Science Policy (and Vice-Versa)," in *Proceedings of the 2013 Computer-Supported Cooperative Work (CSCW) Conference*, San Antonio, Texas, Feb 23-27, 2013.

Steven J. Jackson, Alex Pompe and Gabriel Krieshok, "Repair Worlds: Maintenance, Repair, and ICT for Development in Rural Namibia," in *Proceedings of the 2012 Computer-Supported Cooperative Work (CSCW) Conference*, Seattle, Washington, Feb 11-15, 2012.

Radaphat Chongthammakun and Steven J. Jackson, "Computerization and Control: ICTs and Managerial Reform in the Thai Public Sector," in *Proceedings of the 2012 iConference*, Toronto, Ontario, Feb 8-10, 2012.

Alissa Centivany and Steven J. Jackson, "Concentration, Incumbency, and Interconnection: Broadband Development and the Lessons of History," in *Proceedings of the 2012 iConference*, Toronto, Ontario, Feb 8-10, 2012.

Matt Burton and Steven J. Jackson, "Constancy and Change in Scientific Collaboration: Coherence and Integrity in Long-Term Ecological Data Production," in *Proceedings of the 2012 Hawaii International Conference on System Science (HICSS*), Maui, Hawaii, Jan 3-6, 2012.

Radaphat Chongthammakun and Steven J. Jackson, "Boundary Objects, Agents, and Organizations: Lessons from E-Document System Development in Thailand," in

Proceedings of the 2012 Hawaii International Conference on System Science (HICSS), Maui, Hawaii, Jan 3-6, 2012. **** honorable mention, best paper award ****

Steven J. Jackson and Andrew Gordon, "Building Community Broadband: Barriers and Opportunities for Community-Based Organizations in the Federal BTOP and BIP Broadband Development Programs," in *Proceedings of the 2011 American Society for Information Science and Technology (ASIST) Conference*, New Orleans, Louisiana, Oct 9-12, 2011.

Steven J. Jackson and Alok Vimawala, "Tightening the Net: Intellectual Property and Peer-to-Peer Practice in Higher Education Networks," *Annual Meeting of the International Communication Association,* Boston, May 26-30, 2011.

Dana M. Walker, Steven J. Jackson, and Patrick Wiehner, "Attending to Civic Life," *Annual Meeting of the International Communication Association*, Boston, May 26-30, 2011.

Steven J. Jackson, David Ribes, Ayse Buyuktur, and Geoffrey C. Bowker, "Collaborative Rhythms: Temporal Dissonance and Alignment in Distributed Scientific Work," in *Proceedings of the 2011 Computer-Supported Cooperative Work (CSCW) Conference*, Hangzhou, China, March 20—23, 2011.

Steven J. Jackson, Alex Pompe, and Gabriel Krieshok, "Things Fall Apart: Maintenance and Repair in ICT for Education Initiatives in Rural Namibia," *2011 iConference,* Seattle, Washington, Feb 8-11, 2011. **** best paper award ****

Steven J. Jackson and Radaphat Chongthammakun, "Infrastructure and Standards in Thai Digital Government Development," *2011 iConference,* Seattle, Feb 8-11, 2011.

Rahmad Dawood, Steven J. Jackson, and Jude Yew, "Supporting the Information Needs of Mobile Microentrepreneurs in the Developing World: The Case of Indonesian Food Cart Vendors," in *Proceedings of the 2010 Information and Communication Technologies and Development (ICTD) Conference*, London, UK, Dec 13-16, 2010.

Steven J. Jackson, "Collaborative Economies: Rethinking Governance in Collaborative Science Networks," *9th Annual Meeting of the Science and Democracy Network*, Royal Society of London, June 2010.

Rahmad Dawood, Jude Yew, and Steven J. Jackson, "Location aware applications to support mobile food vendors in the developing world," in *Proceedings of the 28th International Conference Extended Abstracts on Human Factors in Computing Systems (CHI) 2010,* pp. 3385-3390.

Steven J. Jackson, David Ribes, and Ayse Buyuktur, "Exploring Collaborative Rhythm: Temporal Flow and Alignment in Collaborative Scientific Work," *2010 iConference*, Urbana-Champaign, Illinois, Feb 3-6, 2010.

Radaphat Chongthammakun and Steven J. Jackson, "Extending Virtual Organizations in the Public Sector: Lessons from CSCW, STS, and Organization Science," in *Hawaii International Conference on System Sciences (HICSS-43),* Honolulu, January 2010.

Steven J. Jackson and Alok Vimawala, "Intellectual Property Micro-Regimes and Peer-to-Peer Practice in Higher Education Networks," in *Proceedings of the 2008 Telecommunications Policy Research Conference*, Washington, DC, September 2008.

Steven J. Jackson, "Beyond Broadband: Heterogeneous Connection Models and African Knowledge Infrastructures," in *Hawaii International Conference on Systems Science (HICSS-41)*, Honolulu, January 2008 (paper accepted but withdrawn).

Steven J. Jackson, "Water Models and Water Politics: Deliberative Design and Virtual Accountability," in *Proceedings of the 2006 Digital Government Conference*, San Diego, May 22-24, 2006.

Karen Baker, Steven J. Jackson, and Jerry Wanetick, "Strategies Supporting Heterogeneous Data and Interdisciplinary Collaboration: Towards an Ocean Informatics Environment," in *Hawaii International Conference on System Sciences (HICSS-38),* January 2005 ***honorable mention, best paper award ***

Steven J. Jackson and Karen Baker, "Ecological Design, Collaborative Care, and the Ocean Informatics Project," in *Artful Integrations: Proceedings of the 2004 Participatory Design Conference,* Toronto, July 2004.

Refereed Journal Articles

Steven J. Jackson and Ayse Buyuktur, "Who Killed WATERS? Mess, Method, and the Forensic Imagination in the Making and Unmaking of Large-Scale Science Networks," *Science, Technology and Human Values* (forthcoming January 2014).

David Ribes, Steven J. Jackson, Stuart Geiger, Matt Burton, and Tom Finholt, "Artifacts That Organize: Delegation in the Distributed Organization," *Information and Organization* (January 2013).

Steven J. Jackson and Alok Vimawala, "Tightening the Net: Intellectual Property and Peer-to-Peer Practice in Higher Education Networks," *First Monday,* November 2011.

Guest, J. S.; Skerlos, S. J.; Barnard, J. L.; Beck, M. B.; Daigger, G. T.; Hilger, H.; Jackson, S. J.; Karvazy, K.; Kelly, L.; Macpherson, L.; Mihelcic, J. R.; Pramanik, A.; Raskin, L.; van Loosdrecht, M. C. M.; Yeh, D.; Love, N. G. "A new planning and design paradigm to achieve sustainable resource recovery from wastewater." *Environmental Science & Technology*. 2009, 43(16), DOI 10.1021/es9010515.

Paul N. Edwards, Geoffrey C. Bowker, Steven J. Jackson, and Robin Williams, "An Agenda for Infrastructure Studies," *Journal of the Association of Information Systems,* May 2009.

Steven J. Jackson, "Writing the Global Water Crisis," (review essay). *Technology and Culture* 49:3 (July 2008), pp 773-778.

Steven J. Jackson, Paul N. Edwards, Geoffrey C. Bowker, and Cory Knobel, "Understanding Infrastructure: History, Heuristics, and Cyberinfrastructure Policy," in B. Kahin and S.J. Jackson, eds. "Special Issue: Designing Cyberinfrastructure for Collaboration and Innovation," *First Monday* 12:6 (June 2007), URL: http://firstmonday.org/issues/issue12_6/index.html

Steven J. Jackson, "Ex-Communication: Competition and Collusion in the U.S. Prison Telephone Industry," *Critical Studies in Media Communication* 22:4 (October, 2005).

Steven J. Jackson, "Surveying Surveillance Studies," (review essay). *The Canadian Journal of Communication* 29:2 (2004).

Steven J. Jackson, Jane Clough-Riquelme, and Nora Bringas-Rabago, "Regional reflections on the Johannesburg Summit: Equity and Sustainable Development in the U.S.-Mexico Borderlands" *Journal of Environment and Development* 12:4 (2003).

Steven J. Jackson and Vincent Mosco, "The Political Economy of New Technological Spaces: Malaysia's Multimedia Super Corridor," *Journal of International Communication* 6:1 (1999).

Book Chapters

Steven J. Jackson, "Rethinking Repair," in Tarleton Gillespie, Pablo Boczkowski, and Kirsten Foot, eds. *Media Technologies: Essays on Communication, Materiality and Society*. MIT Press: Cambridge MA, 2013.

Ribes, D. and S. J. Jackson, "Data Bite Man: The work of sustaining long term data collection," in *Data are Never Raw*. L. Gitelman (ed). MIT Press: Cambridge MA, 2013.

Geoffrey C. Bowker, Paul N. Edwards, Steven J. Jackson, "The Long Now of Cyberinfrastructure," in William Dutton and Paul Jeffreys, eds. *World Wide Science* (MIT Press: Cambridge MA, 2010).

Steven J. Jackson, "Mapping the Prison Telephone Industry," in Paul Wright and Tara Harivel, eds. *Prison Profiteers: Who Makes Money from Mass Incarceration* (New York: New Press, 2007).

Steven J. Jackson, "Technopoles and Development in a 'Borderless World': Boundaries Erased, Boundaries Constructed" in Heather Nicol and Ian Townsend-Gault, eds. *Holding the Line: Borders in a Global World* (UBC Press: 2005).

Edited Volumes and Special Issues

Paul N. Edwards, Geoffrey C. Bowker, Steven J. Jackson, and Robin Williams, eds. "eInfrastructures," Special Issue of the *Journal of the Association for Information Systems* May 2009.

Brian Kahin and Steven J. Jackson, eds. "Designing Cyberinfrastructure for Collaboration and Innovation," Special Issues of *First Monday* 12:6 (June 2007), URL: http://firstmonday.org/issues/issue12_6/index.html

Research Reports and White Papers

Paul N. Edwards, Steven J. Jackson, Melissa Chalmers, Geoffrey C. Bowker, Christine Borgman, David Ribes, Matt Burton, and Scout Calvert, *Knowledge Infrastructures: Intellectual Frameworks and Research Challenges*. Report of the National Science Foundation / Sloan Foundation 2013 Knowledge Infrastructures Workshop (Ann Arbor: DeepBlue, 2013), http://hdl.handle.net/2027.42/97552.

Steven J. Jackson, Paul N. Edwards, Geoffrey C. Bowker, Archer Batcheller, and Steve Cisler, *African Knowledge Infrastructures: Sharing, Growing, Maintaining.* World Bank (Knowledge for Development Program), February 2008.

Paul N. Edwards, Steven J. Jackson, Geoffrey C. Bowker, and Cory P. Knobel, *Understanding Infrastructure: Dynamics, Tensions, and Design*. Report of the National Science Foundation Workshop, "History and Theory of Infrastructure: Lessons for New Scientific Cyberinfrastructures." (Ann Arbor: DeepBlue, 2007), http://hdl.handle.net/2027.42/49353.

Reviews and Other Publications

Steven J. Jackson, "Mapping the Prison Telephone Industry," *Prison Legal News*, January 2007.

Steven J. Jackson, Review of Priscilla Coit Murphy, "What a Book Can Do: The Publication and Reception of Silent Spring," *American Journalism Review* (2006).

Steven J. Jackson, Review of Verna Gehring, ed. *The Internet in Public Life*. *New Media and Society* 8:2 (2006), 347-349.

Steven J. Jackson, "Making a Science of Fingerprinting." Review of *Suspect Identities: A History of Fingerprinting and Criminal Identification*, by Simon Cole. *Metascience* 12:3 (2003).

Steven J. Jackson, Review of *Continental Order*, eds. Vincent Mosco and Dan Schiller. *The Canadian Journal of Communication* 27:1 (2002).

Steven J. Jackson, Review of *Systems, experts, and computers: the systems approach in management and engineering, World War II and after*, eds. Agatha Hughes and Thomas Hughes. *The Information Society* 18:1 (2002).

<u>Articles Currently Under Review</u>

Radaphat Chongthammakun and Steven J. Jackson, "Computation and Control," *Government Information Quarterly* (under review)

INVITED TALKS AND NON-REFEREED CONFERENCE PRESENTATIONS _____

Invited keynote address, "Governance in a World of Things," Governing Technology Workshop, Stanford University, May 9, 2013.

Invited lecture, "Science at Scale: Time, Value, and Innovation in the Networked Ecological Sciences," University of Edinburgh, Jan 14, 2013.

Invited lecture, "Governing Collaborative Science," University College Dublin, Jan 16, 2013.

Invited lecture, "Science at Scale: Time, Value, and Innovation in the Networked Ecological Sciences," Oxford University, Jan 18, 2013.

Invited lecture, "How to Do Collaborative Science: Lessons from the Sociology of Science," *Project Science Workshop*, Ft. Lauderdale, Nov 12-15, 2012.

Invited lecture, "The Human Infrastructure of Broadband Infrastructure," *Understanding What Works Broadband Workshop*, New America Foundation, Washington DC, September 19-21, 2012.

Invited lecture, "Collaboration Time: Rhythm, Flow, and Infrastructure in Collaborative Scientific Work," Department of Science and Technology Studies, Cornell University, Nov 14, 2011.

Invited lecture, "Reflections on the Revolution in Data," Department of Information Science, Cornell University, Feb 2, 2011.

Invited panelist, "The Infrastructure Problem in HCI," 2010 *Computer Human Interaction Conference*, Atlanta, April 12-14, 2010.

Invited panelist, "Ethnography of Large-Scale Systems," 2010 *iConference*, Urbana-Champagne, February 6-8, 2010.

Conference presentation, "Democratic Simulations: Participation, Expertise, and Asymmetry in Interactive Modeling Efforts," *Annual Meeting of the Society for Social Studies of Science* 2009, October 27-29, 2009.

Conference presentation, "Distributing Science: Architecture, Participation, and Boundary Work in Online Citizen Science Projects," *Annual Meeting of the Society for Social Studies of Science* 2009, October 27-29, 2009.

Distinguished invited talk, "Aligning Socio-Technical Work in Collaborative Scientific Networks: Lessons from the Social Sciences," Earth and Space Informatics Division, *American Geophysical Union*, San Francisco, Dec 19, 2008.

Invited talk, "Collaborative Tensions and the Virtual Organization," for *Building Online Communities for Interdisciplinary Scholars* seminar, Council on Library and Information Resources and EthicShare Project, Washington DC, Nov 20, 2008.

Invited talk, "Knowledge Systems for Sustainability: Models, Data, and Indicators," for *Science, Technology, and Sustainability: Building a Research Agenda*, NSF Science Technology and Society Program, Sep 8-9, 2008.

Invited panelist, "Author Meets Critics: Sandra Braman's Change of State: Information, Policy, and Power." *2008 iConference*, Los Angeles, Feb 28-Mar 1, 2008.

Conference presentation, "New approaches to IT and international development: findings from the African Knowledge Infrastructures Project." *2008 iConference*, Los Angeles, Feb 28-Mar 1, 2008.

Invited talk, "Building Global Collaborations in the Hydrological Sciences," *International Workshop on Designing Global Information Commons for Innovation in Frontier Sciences,* University of Tokyo 8-10 November 2007 (co-sponsored by the Japan Society for the Promotion of Science and the U.S. National Academies of Science).

Conference presentation, "Writing the History of Water: Accumulation and Commensuration," part of the "Archives and Databases" section of the "STS & Information Studies" stream, *Annual Meeting of the Society for Social Studies of Science*, Montreal, Oct 10-12, 2007.

Invited participant, "Playful TechnoCultures," pre-conference to the 2007 Society for Social Studies of Science Meeting, Montreal, Oct 10, 2007.

Invited panelist, "STS Meets E-Social Science: Contributions, Questions, and Cautionary Notes," part of the "Science and Technology Studies Views of E-Social Science" panel, *Third International Conference on e-Social Science*, Ann Arbor, Oct 7-9, 2007.

Invited talk, "Scientific Communication: Cyberinfrastructure and Scientific Practice," talk delivered to the Information Research Institute and University Library, Shanghai Jiaotong University, China, May 18, 2007.

Invited talk, "Information Economics, Policy, and Development," talk delivered to the Department of Information Resources Management, Zhejiang University, Hangzhou, China, May 16, 2007.

Invited talk, "Scientific Communication: Cyberinfrastructure and Scientific Practice," talk delivered to the Department of Information Resources Management, Zhejiang University, Hangzhou, China, May 14, 2007.

Invited talk, "Understanding Infrastructure," *Designing Cyberinfrastructure for Collaboration and Innovation: Emerging Frameworks and Strategies for Enabling and Controlling Knowledge*, National Academies of Science, Washington DC, January 29-30, 2007.

Conference presentation, "The Archive and the River: Infrastructural Memory and Action," part of the Degrees of Freedom: Infrastructures After Control Panel, *Society for Social Studies of Science Conference*, Vancouver, November 2-4, 2006.

Conference presentation, "Supercomputing After Supercomputers: Enrolling STS in the Design of National Cyberinfrastructure Policy," *5th Annual Meeting of the Science and Democracy Network*, Harvard University, Cambridge, June 25-27th, 2006.

Invited talk, "Models, Memory, and California Water Management," *Invited Lecture, Models and Prediction Workshop*, University of California, San Diego, May 26-28th, 2006.

Conference presentation, "Water Models and Water Politics: Deliberative Design and Virtual Accountability," *2006 Digital Government Conference*, San Diego, May 22-24th, 2006.

Invited talk, "Virtual Accountability: Numbers, Models, and the Politics of Water in California," *Invited Lecture, Department of Communication Studies,* University of Michigan, March 9th, 2006.

Invited talk, "The Model and the River: Infrastructure and Deliberation in California Water Policy," Center for Science, Policy, and Outcomes, Arizona State University, October 28th, 2005.

Conference presentation, "The Archive and the River: Models, Memory, and the Politics of Knowledge," *Canadian Communication Association Conference*, London, June 4-6, 2005.

Conference presentation, "The Model and the River: Deliberative Design and the Politics of Water," *4th Annual Meeting of the Science and Democracy Network*, Harvard University, Cambridge, June 24-26th, 2005.

Conference presentation, "Building the Virtual River: Environmental Simulation and the Politics of Water in the American Southwest," *Canadian Communication Association Conference*, Winnipeg, June 3-5, 2004.

Conference presentation, "Mapping the Prison Telephone Industry," *Union for Democratic Communication Conference*, St. Louis, April 22-24, 2004.

Invited talk, "Network Ecologies: Information Infrastructure and Regime Formation in the U.S.-Mexico Borderlands," *Center for Iberian and Latin American Studies Graduate Research Workshop*, San Diego, April 22, 2004.

Conference presentation, "Network Ecologies: Environmental Representation and Regime Formation in the U.S.-Mexico Borderlands," *Society for Social Studies of Science Conference*, Atlanta, October 15-18, 2003.

Conference presentation, "The world in a pixel: technology, representation and environmental governance in the U.S.-Mexico Borderlands," *International Communication Association Conference*, San Diego, May 23-27, 2003.

Conference presentation, "The Political Geographies of Infrastructure: Design and the Politics of World Bank Knowledge," *Infrastructures of Digital Design Conference*, San Diego, January 31-February 2, 2003.

Invited talk, "Border Ecologies: Environmental Informatics in the U.S.-Mexico Borderlands," *UCSD Science Studies Colloquium Series*, November 25, 2002.

Conference presentation, "Translating Telidon: (re)Constructing the Genealogies of Communication Networks," *Society for Social Studies of Science Conference*, Milwaukee, November 7-9, 2002.

Conference presentation, "The World Bank's Informational Turn", *Union for Democratic Communication Conference*, Ottawa, May 17-19, 2001.

Conference presentation, "Technopoles and Development in a 'Borderless World': Boundaries Erased, Boundaries Constructed," *Annual Meeting of the International Boundaries Research Unit*, Vancouver, August 25-28, 1999.

RESEARCH GRANTS

Funded:

Co-PI (w Carl Lagoze), "Scientific Collaboration in Time," National Science Foundation Science of Science and Innovation Policy Program, 2012-2014. Peer review: Yes. Amount: **$250,000.**

Co-PI (w Dourish et. al.), Intel Science and Technology Center for Social Computing, Intel Research, 2012-2017. Peer review: no (reviewed within Intel). Amount: **$12,500,000**.

PI, "Building Broadband Infrastructure: Mapping Process and Impacts of the BTOP and BIP Initiatives," Ford Foundation, 2010-2012. Peer review: No (reviewed within foundation). Amount: **$250,000**.

PI, "Governing Collaborative Science: Cyberinfrastructure, Scale, and Governance in the Networked Ecological Sciences," National Science Foundation CAREER award, 2009-2014. Peer review: Yes (full external). Amount: **$463,000**.

Co-PI (w David Ribes and Tom Finholt,) "VOSS: Delegating Organizational Work to Virtual Organization Technologies," National Science Foundation, 2009-2011. Peer review: Yes (full external). Amount: **$395,685**.

Co-PI (w Paul Edwards, Chris Borgman, Geof Bowker, David Ribes, and Leigh Star) "Monitoring Modeling Memory: Dynamics of Data in Scientific Cyberinfrastructure," National Science Foundation, 2008-2011. Peer review: Yes (full external). Amount: **$1,200,000**.

PI (w Paul Wright), "Prison Phone Service Provider Contracts, Commissions, and Fiscal Impact on Prison Families," Social Science Research Council, 2008-2009. Peer review: Yes (full external). Amount: **$8,000**.

PI (w Leigh Star and Paul Edwards,) "Knowledge Infrastructures for Development in Africa." World Bank Knowledge for Development Program, Summer 2007. Peer review: No (reviewed within agency). Amount: **$24,000**.

PI, "Extending and Integrating a Digital Government Research Program." Rackham Faculty Research Grant, 2007-2008. Peer review: No (reviewed within Rackham Board). Amount: **$18,020**.

PI (w Ginny Rezmierski), "Developing and Piloting a Case-Based Curriculum for Instruction in Information Policy Analysis and Design." Center for Research on Learning and Teaching, Summer 2007. Peer review: No (reviewed within CRLT). Amount: **$9,600**.

Co-PI (w Paul Edwards and Geoffrey Bowker) "History and Theory of Infrastructure: Lessons for New Scientific Cyberinfrastructures." National Science Foundation Human and Social Dynamics Program, 2006-2007. Peer review: Yes (full external). Amount: **$91,000**.

Co-PI (w Robert Horwitz) "Data, Models, and Environmental Policy in the American Southwest and U.S.-Mexico Border Region." National Science Foundation Dissertation Improvement Grant, Science, Technology, and Society Program, 2004-2005. Peer reviewed: Yes (full external). Amount: **$7,950**.

TEACHING AND ADVISING

Courses taught:

At Cornell University:
IS6210: Information, Technology and Society
IS4200: Information Policy

Previously at University of Michigan:
SI507/703: Foundations of Information Policy Analysis and Design
SI532: Digital Government I: Information Technology and Democratic Politics
SI533: Digital Government II: Information Technology and Democratic Administration

SI648/748: InfoCulture: Theory and Method in the History and Sociology of Information
    Technology
SI 657/757: Information Technology and Global Development
SI719: Knowledge / Power / Practice in Science, Technology, and Medicine

Students advised:

Current:
Stephanie Steinhardt (Cornell)
Leo Kang (Cornell)
Radaphat Chongthammakun (Michigan)

Past:
Dana Walker (Michigan – now University of Pennsylvania)
Ayse Buyuktur (Michigan)
Rahmad Dawood (Michigan)
Matt Burton (Michigan)
Alissa Centivany (Michigan)

SELECTED PROFESSIONAL SERVICE

Cornell:
Co-Director of Graduate Studies, Information Science (2012-)
Member, University Faculty Senate (2011-)
Member of the Information Science, Communication, Science and Technology Studies, and
Public Affairs Graduate Fields (2011-)

Michigan (past):
Founder and Coordinator, Information Policy Specialization (2007-2011)
Member, Faculty Strategic Planning Committee (2006-2007)
Member, Dean's Advisory Committee (2005-2006, 2008-2009)
Steering Committee, Science, Technology, and Public Policy Program, Ford School of Public
    Policy (2005-2011)
Steering Committee, Science, Technology, and Society Program, LS&A (2005-2011)
Chair, Speaker Series Committee, Science, Technology, and Society Program, LS&A (2006-
    2008)

External:

Editorships:

Editorial Board, *Journal of Information Policy* (2010-)
Editorial Board, *Journal of Information Technology and Politics* (2009-)
Editorial Board and Technology Editor, *Metascience* (2007-2009)
Editorial Board, *Journal of Community Informatics* (2007-)

Program Committees:

Information and Communication Technologies for Development (ICTD), 2010
iConference 2010, 2011.
Computer-Supported Cooperative Work, 2011, 2012.

Journal reviewing activities:

Manuscript review for *Social Studies of Science*, *Computer Supported Cooperative Work*,
    Journal of Information Technology and Politics, *Social Science Computing Review*,
    Information Technologies and International Development, *Journal of the Association of
    Information Systems, Science Technology and Human Values*, *The Information Society* and
    Governance (ongoing)

Conference reviewing activities:

Digital Government Mini-track, Hawaii International Conference on Systems Science (HICSS)
(2008-2010)
Computer Supported Cooperative Work (2009-)
Computer-Human Interaction (2009-)
iConference (2010-)

Grant reviewing activities:

National Science Foundation CDI-II (Large) Review Panel, February 2009.
National Science Foundation CISE-III (Medium) Review Panel, February 2007.

Panel, conference, and workshop organizing:

"Reclaiming Repair" (w Daniela Rosner, Garnet Hertz, Lara Houston, and Nimmi
    Rangaswamy), Computer-Human Interaction (CHI) Conference, Paris, April 27-30, 2013.
"Study of Sociotechnical Systems Workshop," (w David Ribes and Sean Goggins), 2010
    iConference one-day pre-workshop
"Understanding Infrastructure: dynamics, tensions, design, and data," Workshop for the Third
    International e-Social Science Conference, Oct 7-9, 2007 (w co-organizers Paul Edwards,
    Paul Wouters, and David Ribes).
"Degrees of Freedom: Infrastructures After Control," 2-panel conference session for Society for
    Social Studies of Science Annual Meeting, 2006 (w co-organizer Paul Edwards).
Community Informatics Workshop – one-day workshop meeting prior to 2006 i-Conference (w
    co-organizers Joan Durrance, Maurita Holland, and Paul Resnick)
"Reimagining Community Informatics" – plenary panel at the 2006 i-Conference (w co-
    organizers Ann Bishop and Nadia Caidi).
Mediating Environments, 2-panel joint session of the Canadian Communication Association and
    the Environmental Studies Association of Canada, London, June 2-4, 2005 (w co-organizer
    Jody Berland).
 "Communication Meets STS: Thinking Through the Interface," 2-panel sequence for the 2004
    Canadian Communication Association Conference, Winnipeg, June 3-5, 2004.

Organizer, *The Infrastructures of Digital Design*, international graduate conference held at the University of California, San Diego, January 31st-Feb 2, 2003 (w co-organizers Olga Kucinskaya, Marie Judd, Jon Phillips, and David Ribes).

CONSULTING AND OTHER WORK

Associate Editor, Open Development Workshop, International Development Research Centre (2010)

Expert witness in *Chanelle Linet Alexander v. Marion County Sheriff* et. al. (class action suit challenging monopoly prison telephone contracts in Marion County and State of Indiana; testified for the plaintiffs) (2006)

Prior art search in *Lucent v. Gateway et. al.* (a suit attempting to assert Lucent / AT&T patents from the 1980s on techniques for translating computer graphics to RGB color displays; research for the defendants) (2007)