

## CURRICULUM VITA

**Eric W. Welch**

- ADDRESS** Department of Public Administration (M/C 278)  
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E-mail: [ewwelch@uic.edu](mailto:ewwelch@uic.edu)
- EDUCATION** Ph.D., *Public Administration* (1997), The Maxwell School, Syracuse University  
M.A., *International Studies* (1991) University of Oregon  
M.A., *Asian Studies* (1991) University of Oregon  
B.A., *History* (1985) University of Washington; extensive coursework in biology.
- PROFESSIONAL EXPERIENCE**
- Current Position** Associate Professor, Department of Public Administration, University of Illinois at Chicago, 2005-  
Director, Science, Technology and Environment Policy Lab, University of Illinois at Chicago, 2008-
- Prior Positions** Research Fellow, Japan Society for the Promotion of Science, National Institute of Environmental Studies, Ministry of the Environment, Japan, 2009  
Director of Graduate Studies, Department of Public Administration, University of Illinois at Chicago, 2004-2006  
Assistant Professor, Department of Public Administration, University of Illinois at Chicago, 1998-2005  
Faculty Scholar, Great Cities Institute, University of Illinois at Chicago, 2003-2004  
Research Fellow, Science the Technology Association, National Institute of Environmental Studies, Ministry of the Environment, Japan, 1998-1999  
Post Doctoral Fellow, Center for Technology & Information Policy, Syracuse University, 1997-1998  
External Researcher, Center for Economic Studies, US Bureau of the Census, 1996-1997  
Researcher, Young Scientists Summer Program, International Institute of Applied Systems Analysis, 1996  
International Technology Business Management Consultant, Rubicon International, Portland, Oregon, 1990-1993
- Research Areas** Science and Technology Policy; Environment Policy; Social Network Analysis; Social, Professional and Knowledge Networks in Science and Policy; Scientific Workforce Policy; Public Management; Information Technology and Electronic Government; Transportation Behavior and Management

## **FUNDED RESEARCH (\*indicates current)**

- \*Access & Benefit Sharing for Genetic Resources Used in US Food and Agriculture Exports US Department of Agriculture, Foreign Agricultural Service (2009-2012), PI.
- \*Exchange and Use of Genetic Resources Used in French Agricultural Research, CIRAD (2010-2011), PI.
- \*Science in Action: The Negotiation of a Multilateral Access and Benefit Sharing Agreement for Genetic Resources for Food and Agriculture, US Department of Agriculture, Foreign Agricultural Service (2008-2011), PI.
- \*National Study on State Government Technology and Civic Engagement. Institute for Policy and Civic Engagement, PI, 2011.
- \*Establishment of the CcIT Lab: Tracking Creative and Collaborative Information Technology, Co-PI, 2011-2013, UIC College of Business.
- \*Breaking through the Reputational Ceiling: Professional Networks as a Determinant of Advancement, Mobility, and Career Outcomes for Women and Minorities in STEM (2009-2012). Grant # REESE-0910191. National Science Foundation, Co-PI.
- \*Evaluating the Center for Clinical and Translational Science (2009-2014) National Institutes of Health, Senior Researcher (Co-Director).
- \*Assessing the Kansas NSF EPSCoR Program Phase VI: Climate Change and Energy: Basic Science, Impacts, and Mitigation (2009-2014), PI.
- \*Continued Collaboration among the CTA and UIC (2005-2013). Chicago Transportation Authority, Co-PI.
- \*Patenting Behavior of Academic Scientists and Engineers: A Micro-level Analysis of the Factors that Determine the Production of University Patents (2008-2011). National Science Foundation, Grant # SES-0750613, PI. Supplement awarded August 2010, PI.
- Evaluation of the Landscape, Ecological and Anthropogenic Processes, National Science Foundation Integrative Graduate Education and Research Traineeship (NSF-IGERT) (2008-2011), PI.
- National Study on City and Town Government Technology and Civic Engagement. Institute for Policy and Civic Engagement, PI, 2010.
- Japan Society for the Promotion of Science, Short-term Fellowship, National Institute for Environmental Studies, 2009, Patterns of Access, Use and Benefit Sharing for US Agribusiness: A Framework for Analysis of Seven Sectors.
- Positioning the Institute for Policy and Civic Engagement as a Leader for Using Technology to Enhance Collaborative Governance in the Greater Chicago Region. Institute for Policy and Civic Engagement, PI, 2009.
- Women in Science and Engineering: Network Access, Participation, and Career Outcomes (2005-2010). Grant # REC-052964. National Science Foundation, Co-PI; supplement awarded 2008.
- Evaluation of the Mid-America Earthquake (MAE) NSF Engineering Research Center (2005-2008). Co-PI.
- From E-government to E-governance: A Study of the Impact of E-government in Hong Kong (2006-2008). Hong Kong Research Grants Council, Co-PI.
- Institute for Environmental Science and Policy (2004-2005) Modeling and Assessing the Effectiveness of Alternative Fuel Vehicle Fleet Replacement in Local Government: A Multidisciplinary Analysis of DuPage County Forest Preserve's Mandate.
- Effect of Ozone Warning Days on Public Transportation Ridership (2003-2005). Chicago Transit Authority.
- Linking Technology and Democracy: A Study of Government Use of the Internet to Facilitate Public Discourse (2003-2004). Great Cities Institute Faculty Scholar.

- Public Administration in the Age of Globalization: Studying the Effect of Interaction between Global Pressures and Domestic Contexts on Public Bureaucracy (2002-2004). Hong Kong Research Grants Council, Co-PI.
- Global Environmental Research Fund. Comparative analysis of Japanese and US Voluntary Environmental Policies (2002-2005). Ministry of the Environment, Japan, Co-PI.
- Global Environmental Research Fund. Feasibility Study for Comparative Environmental Policy Analysis (2001-2002). Japan Environment Agency, Co-PI.
- A Study of the Process of Transformation toward an Industrial Society with Minimum Environmental Burden (2000-2003). Japan Environmental Agency, Global Environmental Research Fund, Co-PI.
- Science & Technology Agency of Japan, Short-Term Fellow (2000), National Institute for Environmental Studies.
- Science & Technology Agency of Japan, Long-Term Fellow (1998-1999), National Institute for Environmental Studies.
- Industrial Metabolism & Long Term Environmental Policy Project (1996). National Science Foundation. Grant # INT-9302944. Young Scientists Summer Program, Vienna, Austria, International Institute for Applied Systems Analysis (IIASA).

## BIBLIOGRAPHY

### Refereed Articles

#### Environment Policy

- Factors Determining the Transparency of Air Pollution Information?: Factors affecting Internet information transparency of local government (forthcoming), *Public Administration Review* (with S Grimmelikhuijsen).
- Joint Environmental and Cost Efficiency Analysis of Electricity Generation (2009) *Ecological Economics*, 68(8-9): 2336-2343 (with D Barnum).
- End User Acceptance of Alternative Fuel Vehicles in Du Page County, Illinois (2009) *Environmental Behavior*, 41(3): 402-426 (with K Khovanova and K Johns).
- Emergent Management Strategies in a Public Agency: A Case Study of Alternative Fuel Vehicles (2009) *Public Organization Review*, 9(3): 213-234 (with B Jacob and T Simms).
- The ISO 14001 Environmental Management Standard in Japan: Results from a National Survey of Facilities in Four Industries (2008) *Journal of Environmental Planning and Management*, 51(3): 421-445 (with Y Mori).
- Certification of ISO 14001 on Small and Medium-sized Firms: Incentives and Reduction Targets (2007) *Kankyo Kagaku Kaishi* (Environmental Science Journal, in Japanese), 20(2): 87-94 (with Y Mori).
- The Effects of Ozone Action Day Public Advisories on Train Ridership in Chicago. (2005) *Transportation Research. Part D, Transport and Environment*, 10(6) (with G Gu and L Kramer).
- Effects of Environmental Management Tools Including ISO 14001 on Emission Control in Facilities (2005) *Kankyo Kagaku Kaishi* (Environmental Science Journal, in Japanese), 18(3): 277-289 (with Y Mori and S Yoshida).
- Promises and Pitfalls of ISO 14001 for Competitiveness and Sustainability: A Comparison of Japan and the United States (2004), *Greener Management International: The Journal of Corporate Environmental Strategy and Practice*, 44: 59-73 (with A Rana and Y Mori).

- An Institutional Framework for Analysis of Voluntary Policy: The Case of Voluntary Pollution Prevention Agreements in Kita Kyushu, Japan (2003), *Journal of Environmental Planning and Management*, 46(4): 523-543 (with A Hibiki).
- Japanese Voluntary Environmental Agreements: Bargaining Power and Reciprocity as Contributors to Effectiveness (2002), *Policy Sciences*, 35(4): 401-424 (with A Hibiki).
- Voluntary Adoption of ISO 14001 in Japan: Mechanisms, Stages, and Effects (2002), *Business Strategy and the Environment*, 10(1): 43-62 (with Y Mori and M Aoyagi).
- Determinants of Farmer Behavior: Adoption of and Compliance with Best Management Practices for Non-point Source Pollution in the Skaneateles Lake Watershed (2001), *Lake & Reservoir Management*, 17(3): 233-245 (with F Marc-Aurele).
- Voluntary Behavior of Electric Utilities: Contribution of the Climate Challenge Program to the Reduction of CO<sub>2</sub> (2000), *Journal of Policy Analysis & Management*, 19(3): 407-425 (with A Mazur & SI Bretschneider).
- The Geography of American Environmentalism (1999), *Environmental Science & Policy*, 2: 389-396 (with A Mazur).
- Implementation of Environmental Policy in Katowice, Poland: Is There Cause for Concern?" (1999), *The International Journal of Environmental Studies* 56: 259-284.

#### Science Policy and Administration

- Realized Publicness at Public and Private Research Universities (forthcoming) *Public Administration Review* (with MK Feeney).
- Individual and Organizational Determinants of Patent Production of Academic Scientists and Engineers in the United States (2011) *Science and Public Policy*, (with MK Feeney and WL Huang).
- Relational Mechanisms Governing Multifaceted Collaborative Behavior of Academic Scientists in Six Fields of Science and Engineering (2010) *Research Policy*, 39(9):1174-1184 (with Y Jha).
- Assessing the Outcomes of Student Involvement in Research: Educational Outcomes in an Engineering Research Center (2009) *Research Evaluation*, 18(4): 313-322 (with B Ponomariov and J Melkers).

#### Electronic Government

- Multiple Measures of Website Effectiveness and their Effect on Service Quality in Health and Human Service Agencies (August 2010) *Advances in Management Information Systems, Volume 17* (SK Pandey and N Yavuz).
- Intranet Technology and Red Tape: Interactive Effects of Online Information Quality, Technology Implementation and Excessive Bureaucratization (2007) *Journal of Public Administration Research and Theory*, 17(3): 379-404 (with SK Pandey).
- Linking Citizen Satisfaction with e-Government with Trust in Government (2005), *Journal of Public Administration Research and Theory*, 15(3): 371-391 (with C Hinnant and MJ Moon).
- Virtual Interactivity between Government and Citizens: The Chicago Police Department's Citizen ICAM Application Demonstration Case (2005) *Political Communication*, 22(2): 215-236 (with S Fulla).
- Same Bed, Different Dreams?: A Comparative Analysis of Citizen and Bureaucrat Perspectives on E-government (2005), *Review of Public Personnel Administration*, 25: 243-264 (with MJ Moon).
- Does E-Government Promote Accountability? A Comparative Analysis of Website Openness and Government Accountability in Fourteen Countries (2004) *Governance*, 17(2) 275-298 (with W Wong).

Global Information Technology Pressure and Government Accountability: The Mediating Effect of Domestic Context on Web Site Openness (2001), *Journal of Public Administration Research & Theory*, 11(4): 509-538 (with W Wong).

#### Transportation Policy and Management

Customer Loyalty and the CTA Bus: Results from the 2008 CTA Customer Satisfaction Survey (forthcoming) *Transportation Research Record, Journal of the Transportation Research Board* (with S Figler, PS Sriraj, and N Yavuz).

Measuring and Assessing Perceptions of Success in a Transit Agency Stakeholder Involvement Program (2010) *Transportation Research Record, Journal of the Transportation Research Board*, 2174: 89-98 (with M Mattingly, PS Sriraj, and B Bojraj).

Addressing Fear of Crime in Public Space: Gender Differences in Reaction to Safety Measures in Train Transit (2010) *Urban Studies*, 47(12):2491-2515. (with N Yavuz).

Individual and Neighborhood Determinants of Perceptions of Bus and Train Safety in Chicago: An Application of Hierarchical Linear Modeling (2007) *Transportation Research Record, Journal of the Transportation Research Board*, 2034: 19-26 (with N Yavuz and PS Sriraj).

Economic Costs and Environmental Impacts of Alternative Fuel Vehicle Fleets in Local Government: An Interim Assessment (2007) *Transportation Research. Part D, Transport and Environment*, 12: 219-230 (with MK Haller, S Fulla, and J Lin).

#### Other Policy and Management

Beyond Stereotypes: A Multistage Model of Managerial Perceptions of Red Tape (2005), *Administration and Society* 37: 542-575 (with SK Pandey).

Policy Feedback and Political Participation: Effects of the G.I. Bill for World War II Veterans over the Life Course (2004), *British Journal of Political Science*, 34: 497-518 (with S Mettler).

Effects of Global Pressures on Public Bureaucracy: Modeling a New Theoretical Framework (2001), *Administration & Society*, 32(5): 371-402 (with W Wong).

Managerial Adaptation through the Market in the Public Sector: Theoretical Framework and Four Models (2000), *International Review of Public Administration*, 5(2): 129-141 (with MJ Moon).

Public Administration in a Global Context: Bridging the Gaps of Theory and Practice between Western and Non-Western Nations (1998), *Public Administration Review*, 58(1): 40-49 (with W Wong).

Accuracy of Judgmental Extrapolation of Time Series Data: Characteristics, Causes, and Remediation Strategies for Forecasting (1998), *The International Journal of Forecasting*, 14: 95-110 (with SI Bretschneider and J Rohrbaugh).

Intraindustry Trade and R&D Intensities: An Empirical Exploration of the Assumptions and Relationships Using Nonparametric Statistics (1996), *The Maxwell Review*, 4(1): 71-78.

#### **Book Chapters**

Welch, Eric (forthcoming) The rise of interactive communication technologies in government. In *Transformational Government through eGov Practice: Socio-economic, Cultural, and Technological Issues*. Edited by M.A. Shareef, N. Archer, Y.K. Dwivedi, A. Mishra, and S.K. Pandey, pp# ( ), Bingley, United Kingdom: Emerald Publishers.

Environmental Auditing and Compliance, *Handbook of Sustainable Management*, CN Madu and CH Kuei, Editors (forthcoming), World Scientific Publishing (with EJ Shin).

Leaping Forward: Building Resilience by Communicating Vulnerability (forthcoming) In *Planning for the Unthinkable: Building Resilience through Collaboration*, Bruce Goldstein, ed. MIT Press (with M Zellner and C Hoch).

- What Drives Global E-governance: An Exploratory Study at a Macro Level (2007) In, K. Meier, G. Boyne and R. Walker, eds. *Public Service Performance, Perspectives on Measurement and Management*, Cambridge University Press (with MJ Moon & W Wong).
- Promises and Pitfalls of ISO 14001 for Competitiveness and Sustainability: A Comparison of Japan and the United States (2006) In, *Managing the Business Case for Sustainability: The Integration of Social, Environmental and Economic Performance*, S. Schaltegger, M. Wagner and W. Wehrmeyer, eds. Sheffield, UK: Greenleaf Publishing, 554-568 (with A Rana and Y Mori).
- ISO 14001 and the Greening of Japanese Industry (2005) In MT Hatch, ed. *Environmental Policymaking: Assessing the Use of Alternative Policy Instruments*. Albany, NY: SUNY Press, pp. 71-96 (with M Schreurs).
- State Policies to Improve Air Quality. (2002) In A.P.J. Mol and F.H. Buttel, eds. *The Environmental State Under Pressure*. Research in Social Problems and Public Policy, Vol. 10. Amsterdam: Elsevier, pp. 67-84 (with A Mazur).
- Managerial Adaptation through the Market in the Public Sector: Theoretical Framework and Four Models (2002) In SP Osborne, ed. *Public Management: Critical Perspectives, Volume III*. London: Routledge, pp. 229-320.
- Contracting In: Can Government Be a Business? (1999) In HG. Frederickson & J Johnson, eds. *Public Management Reform & Innovation: Research, Theory and Application..* Tuscaloosa: University of Alabama Press, pp.259-279 (with SI Bretschneider).

### **Invited Professional Papers and Panels**

- United Nation's Food and Agriculture Organization (FAO), Commission on Genetic Resources for Food and Agriculture (CGRFA), 13<sup>th</sup> Regular Session, July 2011. Side Event on Current Practices of Exchange and Benefit Sharing in the United States. Sponsored by USDA through a Cooperative Grant with UIC. Organized by UIC, July 20, 2011.
- Current GRFA Exchange and Benefit Sharing Practices in the United States: Findings from a National Survey, Eric W. Welch.
  - Exchange of Animal Genetic Resources and the Implications for ABS, Harvey Blackburn, Y. Plante, Samuel Paiva; Y. Toishbekov.
- Current GRFA Exchange and Benefit Sharing Practices in the United States: Findings from a National Survey
- Senior Staff Meeting, Foreign Agricultural Service, USDA, Washington DC, June 22, 2011.
  - Special Presentation, Foreign Agricultural Service, USDA, Washington DC, June 22, 2011.
- The relationship between transparent and participative government: A study of local governments in the United States, Workshop 'Government Transparency', Utrecht University, School of Governance, Utrecht, Netherlands, November 19, 2010.
- Agricultural Genetic Resource Patterns and Practices of Exchange: Preliminary Findings from a Study of US Agricultural Stakeholders, Side Event, Tenth meeting of the Ad Hoc Open-ended Working Group on Access and Benefit-sharing (WG ABS 9 continued), Convention on Biodiversity, Montreal, Canada, July 2010 (with V Long).
- Factors Determining the Transparency of Air Pollution Information?: Factors affecting Internet information transparency of local government, Yonsei University, Public Management Symposium, April 2010 (with S Grimmelikhuisen),
- Evaluating Medical Science: the Case of the UIC Center for Clinical & Translational Science, Rathenau Institute, Netherlands, March 2010 (with M Feeney).
- Women in Science & Engineering: Network Access, Participation, & Career Outcomes, Rathenau Institute, Netherlands, March 2010 (with M Feeney).
- Current Benefit Sharing Practices within the Diverse Community of GRFA Users, Side Event, Ninth

meeting of the Ad Hoc Open-ended Working Group on Access and Benefit-sharing (WG ABS 9), Convention on Biodiversity, Cali, Colombia, March 2010, Panel Organizer (with V Long).

Attributes, Access and Use of GRFA in the US: Preliminary Information and Methods, Foreign Agricultural Organization (UN FAO) Commission on Food and Agriculture, October 2009, Rome Italy (with V Long and M Haller).

From Yeasts to Beasts: non-Plant Genetic Resources for Food and Agriculture, Patterns and Determinants of Access, Use and Benefit Sharing in US Agribusiness. Presented:

- Nagoya University, Japan, May 14, 2009.
- National Institute for Environmental Studies, Japan, May 22, 2009

Science and Technology Program Evaluation. National Research Council, National Academy of Sciences, June 27, 2007

Multiple Measures of Website Effectiveness and their Effect on Service Quality in Health and Human Service Agencies (2008), *HICSS-41 Conference* (with S. Pandey).

What every MPA should know about IT and E-Government, National Association of School of Public Affairs and Administration, 2003.

Internet Use, Transparency, and Interactivity Effects on Trust in Government. Korean Association of Public Administration, 2002 Conference. Seoul, Korea.

Voluntary Environmental Policies: Prospects for the Reduction of CO<sub>2</sub>. National Renewable Energy Laboratories, Invited Seminar, Washington, DC. February, 2002.

Integrating IT Management in the MPA Curriculum in Small Public Administration Departments. National Association of Schools of Public Affairs and Administration. Washington, D. C. October, 2001.

Environmental Self-regulation of Firms: Theoretical and Empirical Research to Date. Japan National Institute for Environmental Studies. Invited Seminar. July, 1999.

Organizational Analysis for Environmental Policy and Management. Japan National Institute for Environmental Studies. Invited Seminar. Tsukuba, Japan. November, 1998.

### **Recent Conference Presentations and Panels**

Developing Collaborative Capacity: Blending Bibliometric and Social Network Analysis, Atlanta Conference on Science and Innovation Policy, September 15-17, 2011.

Hierarchy within Informal Networks as Predictors of Productive Outcomes in Academic Science, Public Management Research Conference, June 2-4, 2011 (with Y Jha).

The Effects of Proactive Applications of ICTs on E-Governance Performance, Public Management Research Conference, June 2-4, 2011 (with MJ Moon).

E-Government and Perceived Outcomes for Local Government Managers, XV IRSPM Conference Value, Innovation and Partnership 11th – 13th April 2011 (with MK Feeney).

Leadership in Science and Engineering: Differences and Predictions across Disciplines, Rank and Gender (with M Parker).

- Atlanta Conference on Science and Innovation Policy, September 15-17, 2011
- Midwest Political Science Association Conference, April 2011
- UIC Public Administration Research Symposium, March 2011

Gender Disparity in Academic Science: A Study of the Determinants of Salary and Satisfaction with Rewards (with Y Jha).

- Midwest Political Science Association Conference, April 2011
- UIC Public Administration Research Symposium, March 2011

The Relationship between Transparent and Participative Government: A Study of Local Governments in the United States, Midwest Political Science Association Conference, April 2011.

Technical and Social Determinants of Information Security in Local E-government, Public Administration Research Symposium, March 2011 (with EJ Shin and L Bowman).

Bridges and Barriers to Nurturing Interdisciplinary Research: Evaluating the Social Networks of Integrative Graduate Education and Research Trainees and Their Comparative Peers Over Time, Presentation, American Evaluation Conference, San Antonio, Texas, November 12, 2010 (with M Haller).

Factors Affecting Scientists' Attitudes towards University Patenting? The Society for Social Studies of Science's 35<sup>th</sup> Annual Meeting, Tokyo, Japan. August 25-29, 2010 (with WL Huang).

Customer Loyalty and the CTA Bus: Results from the 2008 CTA Customer Satisfaction Survey, Transportation Research Board, Washington DC, 2011 (with S Figler, PS Sriraj, and N Yavuz).

Collaborative and Career Development Social Networks of Women and Men in Academic Science: Are They Different? American Association for the Advancement of Science, February 2010, San Diego California (with J Melkers).

Measuring and Assessing Perceptions of Success in a Transit Agency Stakeholder Involvement Program Transportation Research Board Conference 2010, Washington DC (with M Mattingly and PS Sriraj).

Relational Mechanisms Governing Multifaceted Collaborative Behavior of Academic Scientists in Six Fields of Science and Engineering, Atlanta Science and Technology Conference 2009, Atlanta Georgia (with Y Jha).

The Effect of Slow Zones on Ridership: An Analysis of the Chicago "El" Blue, Transit Chicago, June 2010, Chicago, Illinois (with MG Bernal and PS Sriraj).

The Effects of Network and Non Network Resources on Work Satisfaction of Academic Scientists in Six Fields of Science and Engineering, Midwest Political Science Conference 2010, Chicago Illinois (with Y Jha).

Realized publicness at public and private research universities, Public Management Research Conference 2009, Columbus, Ohio (with MK Feeney).

Exploring Multiplex Relationships in Science and Engineering Fields: A Social Network Perspective, Midwest Political Science Association Conference, April 2009 (with Y Jha).

Leaping Forward: Building Resilience by Communicating Vulnerability, Planning the Unthinkable: Building Resilience through Collaboration. Symposium on Resilience Planning, November, 2008; 39<sup>th</sup> Annual Meeting of the Urban Affairs Association, March 2009; 50<sup>th</sup> Anniversary ACSP Conference, October 2009 (with C Hoch and M Zellner).

Public Sector Voluntary Initiatives: The Adoption of the Environmental Management System for Biosolids by Public Waste Water Treatment Facilities in the United States, Midwest Political Science Association Conference, April 2009 (with W Huang and EA Corley).

Barriers and Motivators for the Adoption of Public Sector Environmental Management Systems, Western Social Science Association Conference, April 2009 (with J Wang and EA Corley).

Effects of Network Size and Gender on Research Grant Awards to Scientists and Engineers: An Analysis from a National Survey of Six Fields, PRIME Conference Presentation, Mexico City, September 2008 (with J Melkers).

Extent and implications of "institutional homophily" in scientific collaborations – an exploratory study, Association of Public Policy and Management Annual Conference, November 2008 (with B Ponomariov).

Institutions and Emerging Technologies: The Role of Research Universities in the Governance of Emerging Science & Technology, Gordon Research Conference on Science and Technology Policy, Big Sky, MT, July 2008 (with MK Feeney).

Effects of Network Participation and Access on Career Outcomes for Women Scientists: A National Social Network Analysis, American Academy for the Advancement of Science, February 2008. (with J Melkers).

## **COURSES TAUGHT**

Research Design (PhD); Environmental Management; Science and Technology Policy (PhD); Technology and Innovation Theory (PhD); Research Topics; Business, Government & the Environment; Science, Technology & Environment; Computer Applications in Public Administration; Electronic Government; Bureaucracy & the Policy Process (PhD); Public Decision Analysis; Organization Theory & Public Management; Intergovernmental Management; Statistics; Internship and Professional Development Course; Public Administration Capstone.

## **AWARDS & HONORS**

Best Paper, Electronic Government, HICSS Conference, 2007  
Pi Alpha Alpha, Honor Society in Public Administration  
Roscoe Martin Award. Syracuse University (1997).  
Syracuse University Graduate Fellowship (1996); Syracuse University, Graduate School, Creative Research Project Grant (1996); Syracuse University Scholarship (1993; 1994; 1995); Syracuse University Travel Grants (1995; 1996 (2))  
Pi Gamma Mu, International Honor Society in Social Science

## **ADVISORY COMMITTEES AND US NATIONAL DELEGATIONS**

USDA Invited Participant, Expert on Access and Benefit sharing for Food and Agriculture, Nagoya, Japan, Conference of the Parties 10, Convention on Biodiversity, October 2010.  
US State Department Delegation, Expert on Access and Benefit Sharing for Food and Agriculture, Ninth meeting of the Ad Hoc Open-ended Working Group on Access and Benefit-sharing (WG ABS 9), Convention on Biodiversity, Montreal, Canada, July 2010.  
US State Department Delegation, Expert Access and Benefit Sharing for Food and Agriculture, Ninth meeting of the Ad Hoc Open-ended Working Group on Access and Benefit-sharing (WG ABS 9), Convention on Biodiversity, Cali, Colombia, March 2010.  
US State Department Delegation, US State Department, United Nations Commission on Genetic Resources for Food and Agriculture, Academic Expert on Access and Benefit Sharing for Food and Agriculture, Rome, Italy 2009.  
American Association for the Advancement of Science, Technical Review Panel, R&D Evaluation Expert, NIH funded Maine IDeA Network of Biomedical Research Excellence (INBRE), 2009-2014.  
National Research Council National Academy of Sciences Panel, Social Science Representative for the Board of Mathematical Sciences Review of the National Science Foundation's VIGRE program, 2007-2008.  
American Association for the Advancement of Science, Technical Review Panel, R&D Evaluation Expert, NSF funded Maine EPSCoR Forest Bioproducts Research Program, 2007-2009.  
American Association for the Advancement of Science, Technical Review Panel, R&D Evaluation Expert, NSF funded Kansas EPSCoR Forecasting Ecological Change in the Central Plains Program, 2007-2009.