

Laurel Smith-Doerr
Department of Sociology
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POSITIONS

Director of the Institute for Social Science Research; University of Massachusetts at Amherst, 2013-present.

Professor of Sociology; University of Massachusetts at Amherst, 2013-present.

Associate Professor of Sociology (with tenure); Boston University, 2007-2013.
Associate Chair 2011-12.

Visiting Scientist; US National Science Foundation (NSF), 2007-2009.
NSF Program Director in:
Science, Technology & Society Program (Directorate of Social, Behavioral and
Economic Sciences; Division of Social and Economic Sciences)
Ethics Education in Science and Engineering (Chair, Cross-NSF Program)

Assistant Professor of Sociology; Boston University, 1999-2007.

Graduate Teaching Associate; Dept. of Sociology, University of Arizona, 1994-1997.

EDUCATION

University of Arizona (Tucson, AZ)
Doctor of Philosophy, Sociology, May 1999. Dissertation: "Career Paths in the Life Sciences: Processes and Outcomes of Organizational Change."

University of Arizona
Master of Arts, Sociology, December 1993.

Pomona College (Claremont, CA)
Study abroad, University College, Oxford, UK, 1989.
Bachelor of Arts, Sociology, Cum Laude, Phi Beta Kappa, May 1991.

BOOK

Smith-Doerr, Laurel. *Women's Work: Gender Equality vs. Hierarchy in the Life Sciences*. 2004. Boulder, CO: Lynne Rienner Publishers.

JOURNAL ARTICLES

Noyes, Erik, Candida Brush, Kenneth Hatten, and Laurel Smith-Doerr. "Firm Network Position and Corporate Venture Capital Investment." Forthcoming in *Journal of Small Business Management*.

Smith-Doerr, Laurel, Gintare Kemekliene, Rita Teutonico, Lene Lange, Lydia Villa-Komaroff, Line Matthiessen-Guyader and Fiona Murray. 2011. "A Global Need for Women's Biotech Leadership." *Nature Biotechnology* 29(10): 948-949.

Smith-Doerr, Laurel and Jennifer L. Croissant. 2011. "A Feminist Approach to University-Industry Relationships: Integrating Theories of Gender, Politics and Capital." *Journal of Women and Minorities in Science and Engineering* 17(3): 261-269.

Smith-Doerr, Laurel. 2010. "Flexible Organizations, Innovation, and Gender Equality: Writing for the US Film Industry, 1907-1927." *Industry and Innovation* 17(1): 5-22.

McQuaid, James, Laurel Smith-Doerr and Daniel J. Monti. "Expanding Entrepreneurship: Female and Foreign-born Founders of New England Biotechnology Firms." 2010. *American Behavioral Scientist* 53(7): 1045-1063.

Smith-Doerr, Laurel. "Discourses of Dislike: Responses to Ethics Education Policies by Life Scientists in the UK, Italy and the US." 2009. *Journal of Empirical Research in Human Research Ethics* 4: 49-57.

Smith-Doerr, Laurel. "Decoupling Policy and Practice: How Life Scientists in Three Nations Respond to Policies Requiring Ethics Education." 2008. *Minerva* 46: 1-16.

Whittington, Kjersten and Laurel Smith-Doerr. "Women Inventors in Context: Effects of Organizational Context on Disparities in Patenting." 2008. *Gender & Society* 22(2): 194-218.

Smith-Doerr, Laurel. "Stuck in the Middle: Doctoral Education Ranking and Career Outcomes for Life Scientists." 2006. *Bulletin of Science, Technology and Society* 26(3): 243-255.

Smith-Doerr, Laurel. "Institutionalizing the Network Form: How Life Scientists Legitimate Work in the Biotechnology Industry." 2005. *Sociological Forum* 20(2): 271-299.

Whittington, Kjersten Bunker and Laurel Smith-Doerr. "Gender and Commercial Science: Women's Patenting in the Life Sciences." 2005. *Journal of Technology Transfer* 30: 355-370.

Smith-Doerr, Laurel. "Flexibility and Fairness: Effects of the Network Form of Organization on Gender Equity in Life Science Careers." 2004. *Sociological Perspectives* 47(1): 25-54.

Smith-Doerr, Laurel, Ivan Manev and Polly Rizova. "The Meaning of Success: Network Position and the Social Construction of Project Success in an R&D Lab." 2004. *Journal of Engineering and Technology Management* 21(1-2): 51-81.

Powell, Walter W., Kenneth W. Koput, James I. Bowie, and Laurel Smith-Doerr. "The Spatial Clustering of Science and Capital: Accounting for Biotech Firm-Venture Capital Relationships." 2002. *Regional Studies* 36 (3): 291-305.

Powell, Walter W., Kenneth W. Koput, and Laurel Smith-Doerr. "Interorganizational Collaboration and the Locus of Innovation: Networks of Learning in Biotechnology." 1996. *Administrative Science Quarterly* 41: 116-45.

Republished in 2005 in *Markets*, Chapter 7, edited by M.Y. Abolafia. Cheltenham, UK: Edward Elgar.

Republished in 2005 in *Networks*, Vol. II, Chapter 5, edited by G. Grabher and W. Powell. Cheltenham, UK: Edward Elgar.

Republished in 2005, Pp. 247-290 in *Collection of the Administrative Science Quarterly Award-Winning Papers*, edited and translated into Chinese by A.S. Tsui and W. Zhang. China: Peking University Press.

Republished in 2006 in *The Economics of Biotechnology*, Vol. II, Chapter 3, edited by M. Mc Kelvey and L. Orsenigo. Cheltenham, UK: Edward Elgar.

BOOK CHAPTERS (PEER REVIEWED)

Vardi, Itai and Laurel Smith-Doerr. "Women in the Knowledge Economy." Forthcoming chapter in *Routledge Handbook of Science, Technology and Society*, edited by D. Kleinman and K. Moore.

Powell, Walter W., Jason Owen-Smith and Laurel Smith-Doerr. 2011. "Sociology and Science of Science Policy." Pp. 56-84 in *Handbook of the Science of Science Policy*, edited by K.H. Fealing, J. Lane, J.H. Marburger, S. Shipp, and B. Valdez. Stanford, CA: Stanford University Press.

Smith-Doerr, Laurel. 2011. "Contexts of Equity: Thinking about Organizational and Technoscience Contexts for Gender Equity in Biotechnology and Nanotechnology." Pp. 3-22 in *Nanotechnology and the Challenges of Equity, Equality and Development: Yearbook of Nanotechnology in Society 2*, S. Cozzens and J. Wetmore (eds.). Springer.

Croissant, Jennifer and Laurel Smith-Doerr. "Organizational Contexts of Science: Boundaries and Relationships between University and Industry." 2007. Pp. 691-718 in *The Handbook of Science and Technology Studies, Third Edition*, edited by E. Hackett, O. Amsterdamska, M. Lynch and J. Wajcman. Cambridge, MA: MIT Press.

Smith-Doerr, Laurel. "Learning to Reflect or Deflect? U.S. Policies and Graduate Programs' Ethics Training for Life Scientists." 2006. Pp. 405-431 in *The New Political Sociology of Science: Institutions, Networks, and Power*, edited by S. Frickel and K. Moore. Madison, WI: University of Wisconsin Press.

Smith-Doerr, Laurel and Walter W. Powell. "Networks and Economic Life." 2005. Pp. 379-402 in *Handbook of Economic Sociology, Second Edition*, edited by N.J. Smelser and R. Swedberg. Princeton, NJ: Russell Sage Foundation/Princeton University Press. (All new chapter for second edition).

Powell, Walter W., Kenneth W. Koput, Jason Owen-Smith, and Laurel Smith-Doerr. "Network Position and Firm Performance: Organizational Returns to Collaboration in the Biotechnology Industry." 1999. Pp. 129-59 in *Networks in and Around Organizations*, Volume 16 of *Research in the Sociology of Organizations*, edited by S.B. Andrews and D. Knoke. Greenwich, CT: JAI Press.

Smith-Doerr, Laurel, Jason Owen-Smith, Kenneth W. Koput and Walter W. Powell. "Networks and Knowledge Production: Collaboration and Patenting in Biotechnology." 1999. Pp. 390-408 in *Corporate Social Capital and Liability*, edited by R.T.A.J. Leenders and S. Gabbay. Norwell, MA: Kluwer Academic Publishers.

Koput, Kenneth W., Laurel Smith-Doerr and Walter W. Powell. "Strategies of Learning and Industry Structure: The Evolution of Networks in Biotechnology." 1997. Pp. 229-54 in *Organizational Learning and Strategic Management*, Volume 14 of *Advances in Strategic Management Research*, edited by J.P. Walsh and A.S. Huff. Greenwich, CT: JAI Press.

Powell, Walter W. and Laurel Smith-Doerr. "Networks and Economic Life." 1994. Pp. 368-402 in *The Handbook of Economic Sociology*, edited by N.J. Smelser and R. Swedberg. Princeton, NJ: Princeton University Press.

BOOK REVIEWS AND OTHER SCHOLARLY PUBLICATIONS

Smith-Doerr, Laurel. "Networked Organizations." 2013. Pp. 621-623 in *Sociology of Work: An Encyclopedia*, edited by V. Smith. Sage.

Smith-Doerr, Laurel, Lydia Villa-Komaroff, and Susan Windham-Bannister. 2012. "Panel I: From Bench to Business: Career Paths for Ph.D.s." Pp. 5-12 in *From Science To Business: Preparing Female Scientists and Engineers for Successful Transition into Entrepreneurship, Summary of a Workshop*. Washington, DC: National Academies Press.

Smith-Doerr, Laurel. Book review of *The Mathematics of Sex: How Biology and Society Conspire to Limit Talented Women and Girls*, by Stephen J. Ceci and Wendy M. Williams. 2012. *Gender & Society* 26: 530.

Paletz, Susannah, Laurel Smith-Doerr and Itai Vardi. 2011. *National Science Foundation Workshop Report: Interdisciplinary Collaboration in Innovative Science and Engineering Fields*. <https://sites.google.com/site/interdisciplinary2010/>

Smith-Doerr, Laurel and Andrea Stith. "Questions and Methods for Investigating Barriers in Educational Systems." 2009. Concept paper published in workshop report *Intergenerational Voices: Advancing Research and Policy for Women in Science, Technology, Engineering and Math*, edited by P. Rayman et al. Center for Women and Work, University of Massachusetts, Lowell, MA.

Smith-Doerr, Laurel. Book review of *The Politics of Working Life*, by Paul Edwards and Judy Wajcman. 2008. *American Journal of Sociology* 113: 1443-5.

Walske, Jennifer, Laurel Smith-Doerr and Andrew Zacharachis. "Effects of Venture Capital Syndication Networks on Entrepreneurial Success." *Frontiers for Entrepreneurship Research 2007: Proceedings of the 27th Annual Entrepreneurship Research Conference*. Babson Park, MA: Arthur M. Blank Center for Entrepreneurship at Babson College.

Smith-Doerr, Laurel and Courtney Feldscher. Book review of *Women, Gender and Technology*, edited by M.F. Fox, S. Rosser, and D. Johnson. 2007. *Contemporary Sociology* 36(5): 439.

Monti, Daniel J., Laurel Smith-Doerr and James McQuaid. 2007. *Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry*. Report prepared for and published by the Immigrant Learning Center, Inc. Malden, MA.

Smith-Doerr, Laurel. "Network Analysis." 2005. Entry in *International Encyclopedia of Economic Sociology*, edited by J. Beckert and M. Zafirovski, p. 469-475. London: Routledge.

Smith-Doerr, Laurel. Book review of *Everyday Bioethics: Reflections on Bioethical Choices in Daily Life*, by Giovanni Berlinguer. 2004. *Contemporary Sociology* 33(1): 106-107.

Smith-Doerr, Laurel. Book review of *Social Structure and Organizations Revisited, Vol. 19, Research in the Sociology of Organizations*, edited by Michael Lounsbury and Marc J. Ventresca. 2003. *Contemporary Sociology* 32(6): 710-11.

Smith-Doerr, Laurel and Morton S. Isaacson. Syllabus for "Technology and Society." 2003. Pp. 145-149 in *Science, Knowledge, & Technology: Syllabi and Instructional Materials, Fourth Edition*, edited by J. L. Croissant. Washington, DC: American Sociological Association.

Smith-Doerr, Laurel. Book review of *Beyond the Bottom Line: The Search for Dignity at Work*, by Paula M. Rayman. 2002. *Journal of Comparative Family Studies* 33(2): 313-15.

WORK IN PROGRESS

Smith-Doerr, Laurel, Itai Vardi and Jennifer Croissant. "Doing Gender and Responsibility: Scientists and Engineers Talk about their Work". Manuscript under review.

Smith-Doerr, Laurel and Itai Vardi. "Mind the Gap: Formal Ethics Policies and Chemical Scientists' Everyday Practices in Academia and Industry." Manuscript under review.

COURSES

Undergraduate:

Introduction to Sociology
Sociological Research Methods
Business and Society
Technology, Society and Policy
Social Networks
Sociology of Religion
Complex Organizations
Gender Stratification

Graduate seminars:

Gender Stratification
Research Methods Proseminar
Formal Organizations
Social Networks

GRANTS

"Women in Science and Technology Policy (WiSP)." National Science Foundation grant (\$133,766). PI on collaborative grant with Kaye Husbands Fealing, University of Minnesota and Susan Cozzens, Georgia Institute of Technology (total grant: \$485,805). 2012-14.

"The Social Organization of Collaboration in the Chemical Sciences." National Science Foundation grant (\$421,272). Lead PI on collaborative grant with Jennifer Croissant, University of Arizona (total grant: \$589,586). 2011-2013.

"Collaborative Grant: A Workshop on Interdisciplinary Collaboration in Innovative Science and Engineering Fields." National Science Foundation grant (\$50,718). PI on collaborative grant with Susannah Paletz, University of Pittsburgh (total grant: \$57,354). Workshop held at Boston University, November 2010.

“Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry.” Co-PI with Daniel Monti. Grant from Immigrant Learning Center, Inc. Malden, MA. 2006-2007.

Boston University Humanities Foundation Grant for supporting archival research at Widener library at Harvard University. 2002-2003.

Summer Seed Grant, Social and Behavioral Sciences Research Institute, University of Arizona, 1996.

Dissertation Proposal Award, Department of Sociology, University of Arizona, 1996.

Graduate Research Grant, Social and Behavioral Sciences Research Institute, University of Arizona, 1996.

Summer Research Grant, Program on Nonprofit Governance, Center on Philanthropy, Indiana University, Aspen Institute, 1993.

FELLOWSHIPS AND AWARDS

National Science Foundation, Director’s Award for Collaborative Integration. For leadership of Ethics Education in Science and Engineering program and coordination with NSF Policy Office on implementing policies in America COMPETES Act. 2009.

Jean Monnet Fellowship to the Robert Schuman Centre for Advanced Studies at the European University Institute. Fellow in the European Forum on Universities and Innovation Systems. Florence, Italy. 2004-2005.

Award for Scholarly Contribution from *Administrative Science Quarterly*, for “Interorganizational Collaboration and the Locus of Innovation: Networks of Learning in Biotechnology,” as the best article published in the five years previously. With Walter W. Powell and Kenneth W. Koput. 2002.

William Lincoln Honnold Fellowship for graduate study, Pomona College, 1991.

INVITED LECTURES AND PRESENTATIONS

“Upstream/Downstream in the Gendered Organization of Science.” Presentation at invited Program Thematic Session, annual meetings of the American Sociological Association. August 2013. New York, NY.

“Organizing Collaboration: Women and Men Chemical Scientists in Academic and Industry Contexts.” Keynote address to Centre of Excellence conference, Hamburg University. April 2013. Hamburg, Germany.

“Doing Gender and Responsibility: Scientists and Engineers Talk About their Work.” Invited presentation to the Department of Sociology seminar series. Rice University. September 2012. Houston, TX.

“Understanding Contexts of Inequality: Women in Science.” Invited presentation to the Department of Sociology seminar series, University of California, San Diego. May 2012. La Jolla, CA.

“Context Matters: How Organizations Shape Scientific Work for Women and Men.” Presentation at invited Mini-Conference on women and underrepresented minorities in science, Eastern Sociological Society annual meetings. February 2012. New York, NY.

“Organization in a Gendered Profession: Science, Commercialism in the University, and Women’s Place in Research.” Presentation at invited Special Session on “Professional Authority, Bureaucracy and the Market,” annual meetings of the American Sociological Association. August 2011. Las Vegas, NV.

“Gender Equity in Science: Lessons from the Life Sciences.” Invited keynote presentation at Southern Illinois University-Edwardsville. February 2011. Edwardsville, IL.

“Recruiting and Retaining Women Faculty Members (especially in Science and Engineering).” Invited presentation to Deans and Department Chairs/Directors, Southern Illinois University-Edwardsville. February 2011. Edwardsville, IL.

“The Intersecting Production of Scientific Knowledge, Gender, and Ethical Issues.” Invited presentation to Women’s Studies program seminar series, Southern Illinois University-Edwardsville. February 2011. Edwardsville, IL.

“Gendering Science, Gendering Ethics: The Intersecting Production of Knowledge, Gender, and Ethical Issues.” With Itai Vardi and Jennifer Croissant. Invited presentation by Smith-Doerr at Brown University, Department of Sociology, Seminar series. November 2010. Providence, RI.

“Whose Interdisciplinarity? Gendered Organization in Science and Questions about Interdisciplinary Collaboration.” Presentation to NSF funded workshop, “Interdisciplinary Collaboration in Innovative Science and Engineering Fields,” Boston University. November 2010. Boston, MA.

“A Feminist Approach to University-Industry Research Relations: Integrating Theories of Gender, Knowledge and Capital.” With Jennifer Croissant. Invited presentation given by Smith-Doerr at Gender/IP conference, Washington College of Law, American University, April 2010. Washington, DC.

“The Accidental Policymaker: Adventures in Studying and Doing Science Policy.” Department of Sociology seminar series. January 2010. Boston University.

“A Sociological Perspective on Studying Organizations and Innovation: Qualitative and Quantitative Methods and Ethical Issues.” Invited presentation at workshop on “Confidential Data Collection for Innovation Analysis in Organizations,” Microsoft Research, September 2009. Redmond, WA.

“Understanding Career Contexts for PhDs in the Life Sciences,” Invited presentation at workshop on “From Science to Business: How to Prepare Female Scientists and Engineers to Successfully Transition into Entrepreneurship,” National Research Council of the National Academies of Science, Committee on Women in Science, Engineering and Medicine, National Academies’ Beckman Center, August 2009. Irvine, CA.

“Ethics Education in the US: What Role for Social Science?” Invited presentation at the World Social Science Forum, May 2009. Bergen, Norway.

“Contexts of Equity: Thinking about Organizational and Technoscience Contexts for Gender Equity in Biotech and Nanotech.” Invited presentation at workshop “Nanotechnology, Equity, and Equality,” Arizona State University, November 2008. Tempe, AZ.

“Ethics, Schmethics: Thoughts on Conducting (and Developing Policy) on Ethics Education in Science and Engineering.” Invited seminar to Rensselaer Polytechnic Institute, Department of Science/Technology Studies, October 2008. Troy, NY.

“Gender Equity in Science: Lessons from the Life Sciences.” Invited keynote address for workshop on “Diversity in Physics,” at annual meeting of Relativistic Heavy Ion Collider (RHIC) /Alternating Gradient Synchrotron (AGS) Users' Meeting, Brookhaven National Laboratories. May 2008. Long Island, NY.

“The Status of Women Scientists in Knowledge Based Biotechnology Firms.” Presentation at invited panel on “New Frontiers in the Knowledge Economy” at the annual meetings of the American Association of Geographers, April 2008. Boston, MA.

“Network vs. Hierarchy: Organizational Form and Equity in Innovative Workplaces.” University of Oregon, Lundquist College of Business, March 2008. Eugene, OR.

“Theory at the Meso-Level: Women’s (Interdisciplinary) Work in the Life Sciences.” Invited presentation at workshop on “Women, Minorities and Interdisciplinarity,” Columbia University, November 2007. New York, NY.

“Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry.” Invited presentation at the “Can We Compete? Trends in America’s Scientific and Technical Workforce” conference, Commission on Professionals in Science and Technology and AAAS, November, 2007. Washington, DC.

“Immigrant Entrepreneurs in the Massachusetts Biotechnology Industry.” Report prepared for the Immigrant Learning Center, Inc. Presented at Boston Private Bank, with Daniel J. Monti and James McQuaid. June 2007. Boston, MA.

“Getting Past Ethics Requirements: Life Scientists and Ethics Education Policies in the US and Europe.” Invited presentation to workshop “Exploring Innovation Processes in Healthcare: The Challenges of Collaboration and Governance,” Bentley College. May 2006. Waltham, MA.

“Getting Past Ethics Requirements: Life Scientists and Ethics Education Policies in the US and Europe.” Invited presentation to the Center for Research in Higher Education, University of Arizona. March 2006. Tucson, AZ.

“Getting Past Ethics Requirements: Life Scientists and Policies for Ethics Education in the US, the UK, and Italy.” Invited presentation to the MIT/Harvard Organizations Studies Group Seminar Series, Sloan School of Management, Massachusetts Institute of Technology. February 2006. Cambridge, MA.

“How Do Life Scientists Learn about the Ethical Implications of Innovation?” Invited paper presented at Sociology of Bioethics Mini-conference (concurrent with ESS meetings). March 2005. Washington, DC.

“University-Industry Collaboration in Biotechnology and Career Paths for Life Science PhDs.” Invited presentation at University-Industry Research Relationships workshop, Haas School of Business, University of California-Berkeley, August 1998. Berkeley, CA.

CONFERENCE PAPERS

“Over-subscribing to Norms on the Margins: Young Women Doing Gender and Science.” With Claire Duggan. Presented at the annual meetings of the Eastern Sociological Society. March 2013. Boston, MA.

“Interrogating Collaboration: How Chemical Scientists Define Collaboration and Responsibilities to Collaborators.” With Jennifer Croissant. Presented at the annual meetings of the Society for Social Studies of Science. October 2012. Copenhagen, Denmark.

“Mind the Gap: Formal Ethics Policies and Chemical Scientists’ Everyday Practice of Science.” With Itai Vardi. Presented at the annual meetings of the American Sociological Association. August 2012. Denver, CO.

“Interrogating Collaboration: How Chemical Scientists Produce Collaborative Knowledge in Academic and Industry Settings.” With Itai Vardi. Paper presented at the annual meetings of the Eastern Sociological Society. February 2012. New York, NY.

“Negotiating the STS Reading List: Fuzzy Dragons, God Tricks and Syphilis.” With Wenda Bauchspies. Paper presented at the annual meetings of the Society for Social Studies of Science. November 2011. Cleveland, OH.

“Gendering Science, Gendering Ethics: The Intersecting Production of Knowledge, Gender, and Ethical Issues.” With Jennifer Croissant. Paper presented at the annual meetings of the Society for Social Studies of Science. August 2010. Tokyo, Japan.

“Gendered Networks: Professional Connections of Men and Women University Faculty.” With Deborah Belle and Lauren M. Groves. Paper presented by Smith-Doerr at the annual meetings of the American Sociological Association. August 2010. Atlanta, GA.

“Three sociological insights into issues for women in science and gender equity in the US.” Presentation at annual meeting of the Eastern Sociological Society. March 2010. Boston, MA.

“Are Ethics Gendered? Exploring Women and Men Researchers’ Approaches to Science and Engineering.” Presentation at annual meeting of the American Association for the Advancement of Science. February 2010. San Diego, CA.

“Comparing Gender Equity in Industrial and Academic Biotechnology.” Presentation to European Union-United States Taskforce on Biotechnology Research sponsored workshop, “A Global Look at Women’s Leadership in Biotechnology Research,” University of California at San Francisco. June 2009. San Francisco, CA.

“The National Science Foundation and the Congressional Mandate on Education for Ethical Research Conduct.” Presentation at annual meetings of the Association for Practical and Professional Ethics, March 2009. Cincinnati, OH.

"A Feminist Approach to University-Industry Relationships: Integrating Theories of Gender, Politics and Capital." With J. Croissant. Presentation at annual meetings of the Society for Social Studies of Science. August 2008. Rotterdam, Netherlands.

"Expanding Entrepreneurship: Women and Foreign-Born Founders of Massachusetts Biotechnology Firms." With James McQuaid and Daniel J. Monti. Paper presented at the American Sociological Association annual meetings, August 2008. Boston, MA.

"Discourses of Dislike: Scientists' Responses to Ethics Education Policies in the United Kingdom, European Union and the United States." Paper presented at the American Sociological Association annual meetings. August 2007. New York, NY.

"A Feminist Approach to University-Industry Relationships: Integrating Theories of Gender, Politics and Capital." With Jennifer Croissant. Paper presented in session on "Economy and Science" at the annual meetings of the American Sociological Association, August 2006, Montreal, Canada.

"Herding Cats: Bioethics education policies, unruly life scientists and anomalous local narratives in the US, Italy and the UK." Presented at the annual meetings of the Society for the Social Study of Science. October 2005. Pasadena, CA.

"Quality vs. Quantity: Women's Patenting in the Life Sciences." With Kjersten Bunker Whittington. Presented at the annual meetings of the Technology Transfer Society, Kauffman Foundation for Entrepreneurship. September 2005. Kansas City, MO.

"Globalized Science Ethos, Localized Ethics Training: Policies for Life Scientists in the US, Italy and the UK." Presented at the annual meetings of the American Sociological Association. August 2005. Philadelphia, PA.

"The Ethics of Innovation: How Life Scientists Learn to Think About the Broader Contexts of Their Research." Presented at the final symposium of the European Forum on Universities and Innovation Systems, Robert Schuman Centre for Advanced Studies, European University Institute. June 2005. Florence, Italy.

"Gender and Commercial Science: Is there a Gap and What are the Effects of Academic and Commercial Contexts?" With Kjersten Bunker Whittington. Presented at the annual meetings of the American Sociological Association. August 2004. San Francisco, CA.

"Incentive to Change or Rational Myth?: U.S. Policies Tying Funding to Research Ethics and the Effects on Life Science Ph.D. Programs." Paper presented at the annual meetings of the Society for the Social Study of Science. October 2003. Atlanta, GA.

"A New Productivity Puzzle? The Effects of Blurred Boundaries between Academic and Commercial Science on Gender Stratification in Life Science Careers." With Kjersten Bunker Whittington. Paper presented at the annual meetings of the Society for the Social Study of Science. October 2003. Atlanta, GA.

"The Meaning of Success: Network Position and the Social Construction of Project Success in an R&D Lab." With Polly Rizova and Ivan Manev. Presented at the annual meetings of the American Sociological Association. August, 2003. Atlanta, GA.

“Teaching Dilemmas: The Visibility of Ethics Training in Life Science Ph.D. Programs.” Presented at the annual meetings of the Society for the Social Study of Science. November, 2002. Milwaukee, WI.

“Flexible Organizations and Gender Equality: Writing for the Movies, 1907-1927.” Presented at annual meetings of American Sociological Association, August 2002. Chicago, IL.

“Where’d You Get Your PhD?: Education Ranking and Inequality Among Life Scientists.” Presented at the annual meetings of the Society for the Social Study of Science, November, 2001, Cambridge, MA.

“Ethics at the Bench?: The Provision of Ethics Training in Life Science PhD Programs.” Presented at the annual meetings of the American Sociological Association, August 2001. Anaheim, CA.

“Stuck in the Middle: Effects of Education Rank on the Careers of Life Science PhDs.” Presented at the annual American Sociological Association meetings, August 2000. Washington, DC.

“Not Just for Old Boys: Forms of Economic Organization and Gender Inequality in Life Science Careers.” Presented at the annual American Sociological Association meetings, August 1998. San Francisco, CA.

“Interorganizational Relations and Elite Sponsorship: Mobilizing Resources in Biotechnology.” With Kenneth W. Koput and Walter W. Powell. Presented at the annual American Sociological Association meetings, August 1998. San Francisco, CA.

“Framing Scientific Careers: Biotechnology as Legitimate Science.” Presented at the annual meetings of the Society for Social Studies of Science, October 1997. Tucson, AZ.

“The Emergence of the Biotechnology Industry and the Changing Labor Market for Biomedical PhDs.” Presented at the annual meetings of the American Sociological Association, August 1997. Toronto, Canada.

“Science Within Organizations: Differences in the Organization of Work between a Biotechnology Firm and a University Laboratory.” Presented at the annual meetings of the American Sociological Association, August 1994. Los Angeles, CA.

ELECTED OFFICES

Elected to Council, American Sociological Association. 2012-14.

Elected to Council. Society for Social Studies of Science. 2011-13.

Elected to the Council of the Science, Knowledge and Technology section of the American Sociological Association, 2007-09.

Elected as student member to the Council of the Science, Knowledge and Technology Section of the American Sociological Association, 1997-99.

ADVISORY BOARDS

Science of Science and Innovation Policy steering committee member for meeting at National Academies of Science, Washington DC. 2012.

RASIC advisory board member, Rice University, Houston, TX. 2012-.

Advisory Board member, Ethics education center, NSF-funded national on-line ethics resource, University of Illinois-Urbana Champaign, 2010-11.

Advisory Board member, Graduate Women in Science and Engineering (G-WISE), Boston University, 2010-12.

Advisory Committee member, Commonwealth Alliance for Information Technology Education (CAITE), NSF-funded Broadening Participation Alliance, University of Massachusetts, Amherst, 2009-10.

OTHER PROFESSIONAL SERVICE

Co-Editor, Handbook of Science and Technology Studies future 4th edition, 2012-present. Appointed by the Society for Social Study of Science.

External letter writer, 2009-present. Letters for promotion and tenure cases in Sociology and STS departments at research universities, and for full professors of sociology competing for special recognition professorships (i.e., named) at two research universities.

Organizer and Discussant for session “Translating STS: The Role of STS in Addressing Major Challenges Faced by the Global Community”. Society of Social Studies of Science 2011 annual meeting. Cleveland, OH.

PhD Dissertation opponent, Aalto University, Helsinki, Finland, June 2011.

NSF Site review committee member, ADVANCE Program. March 2011.

Appointed to prize committee for selecting the Edge award for the best article in social studies of science in two years previous. Society for Social Studies of Science. 2010.

Chair, Women in Science and Engineering (WISE), Boston University, 2010-11; Co-Chair 2009-10.

Organizer for “Conversations with” session on Women in Science, Industry and Government. Eastern Sociological Society 2010 annual meeting. Boston, MA.

Discussant for panel on “The Evolving Research Enterprise” at the 2008 meetings of the Association for Public Policy Analysis and Management. Los Angeles, CA.

Organizer and presider for regular sessions on “Organizations” at the 2008 meetings of the American Sociological Association. Boston, MA.

Discussant for roundtable on “Gender in Science and Engineering”, Sex and Gender section, 2008 meetings of the American Sociological Association, Boston, MA.

Discussant for panel on “Transnational Processes,” at the 2007 meetings of the American Sociological Association. New York, NY.

Discussant for panel on “Organizational Processes and Individual Inequality: Contexts, Careers, and Change,” at the 2006 meetings of the Eastern Sociological Society. Boston, MA.

Advisory Panelist for US National Science Foundation programs. 2005. 2007. 2010. 2011. 2012. Arlington, VA.

Session Organizer and Presider for an Organizations, Occupations and Work section panel on “Network Organizations: Synthesizing Instrumentalism and Trust” at the 2002 meetings of the American Sociological Association. Chicago, IL.

Member of the selection committee for the Robert K. Merton award for best book, Science, Knowledge and Technology section of the American Sociological Association, 1997, 2001, 2007.

Member of the Awards committee for Hacker-Mullins award for best student paper, for the Science, Knowledge and Technology section of the American Sociological Association, 1997, 2009.

Graduate student intern, *Contemporary Sociology*, 1992-93.

PEER REVIEW

Journals:

Academy of Management Journal; Academy of Management Review; American Journal of Sociology; American Sociological Review; British Journal of Sociology; Industrial Relations; Industry and Innovation; International Journal of Innovation and Technology Management; Journal of Higher Education; Journal of Technology Transfer; National Women’s Study Association Journal; Nonprofit and Voluntary Sector Quarterly; Organization Science;; Research Policy; R&D Management; Science and Public Policy; Science, Technology & Human Values; Sex Roles: A Journal of Research; Social Forces; Social Politics: International Studies in Gender, State and Society; Social Problems; Social Studies of Science; Sociological Forum; Sociological Theory;

Funding bodies:

ASA Fund for the Advancement of the Discipline; Netherlands Research Organization (NWO); U.K. Economic and Social Research Council; U.S. National Science Foundation (programs: ADVANCE; Cyberinfrastructure; Ethics Education in Science and Engineering; Gender in Science and Engineering; Information Technology Research; Innovation and Organizational Change; Innovation and Organizational Science; National Center for Science and Education Statistics; Science of Science and Innovation Policy; Science, Technology and Society; Sociology; Transforming Undergraduate Education in Science);

Presses:

Oxford University Press; Routledge Publishers; Springer Press; Worth/St. Martin’s Publishers

PROFESSIONAL MEMBERSHIPS

American Sociological Association, 1991-present. (Section member in Organizations, Occupations and Work; Science, Knowledge and Technology; Sex and Gender; Economic Sociology).

Eastern Sociological Society, 2004-present

Society for Social Studies of Science, 1997-present.

PUBLIC INTELLECTUAL ROLE

Smith-Doerr's research on U.S. ethics training requirements for scientists (subsequently published in *The New Political Sociology of Science*) referenced in "Ethical Conflicts Plague NIH," by Sarah Webb in *Discover* magazine, Vol. 26, No. 1. January 2005.

Smith-Doerr and Powell's 2005 *Handbook of Economic Sociology* chapter, "Networks in Economic Life" was quoted in the *Boston Globe* on Sunday July 24, 2005 in Ideas section (p. D1) article headlined as "Market Share Economists have Long Used their Tools to Study Social Phenomena. Now Sociologists are Learning to Stop Worrying and Love—or at Least Study—the Market," by Virginia Postrel.

Television interview on "Liz Walker Sunday" a Boston newsmagazine show, aired on CBS on August 7, 2005. Smith-Doerr, asked to reflect on technology and society, discussed how the ways that we organize technology affect our work and home lives.

Smith-Doerr, Laurel. "Women Scientists Also Work Outside Academia." E-letter published in *Science* magazine responding to "More Women in Science" by Handelsman et al. 13 September 2005.

Television interview on "New England Business Day" show on New England Cable News, June 23, 2006. Discussion on internet technology and society.

Bunker Whittington and Smith-Doerr's 2005 *Journal of Technology Transfer* article on the gender gap in patenting cited on August 31, 2006 in article entitled "Mothers of Invention?," by Emma Marris in *Nature* 442: 973.

Smith-Doerr's 2006 *Bulletin of Science, Technology and Society* article on how doctoral education ranking affects career outcomes featured in November 2006 article entitled "Third Tier Grads Do Better than Mid-ranked Grads," by Kathleen McGowan in *The Scientist* 20: 78.

Smith-Doerr's 2006 Bulletin of Science, Technology and Society article on doctoral ranking and career outcomes featured in Commission on Professionals in Science and Technology's *Comments* Vol. 44, December 2006.

Smith-Doerr quoted and her research on gender equity in the biotechnology industry published in her book *Women's Work* referenced in article "The Gender Gap in Biotech", by Gareth Cook in the *Boston Globe* on May 6, 2007 in special Biotech section for the BIO convention.

Television interview on “Neighborhood Network News,” live show on Boston local access cable station, June 13, 2007. Discussion with Monti, about Monti, Smith-Doerr and McQuaid report on immigrant entrepreneurs in Massachusetts biotechnology industry.

Smith-Doerr quoted on issues for immigrant entrepreneurs, from presentation at Framingham State College of research report published by Immigrant Learning Center, in article, “Asian Entrepreneurs Need Support,” by Cory Hopkins in *Worcester Business Journal*, June 15, 2007.

Smith-Doerr research featured in article, “The Biotech Advantage: Why women start biotech firms at higher rates than they start other kinds of high-tech firms.” By Jill Priluck at Slate.com (Washington Post-Newsweek Interactive Co), October 18, 2010.

Smith-Doerr and Croissant’s NSF grant on collaboration in the Chemical Sciences summarized and Smith-Doerr quoted in article, “Measuring Chemistry’s Impact: NSF Program Strives to put a Value on Federally Funded Research.” By Susan R. Morrissey in *Chemical & Engineering News*, Vol. 89 (26): 24-26, June 27, 2011.

Smith-Doerr’s research with McQuaid and Monti linked in article on “Women-Helmed Biotechs in Massachusetts.” By Catherine Arnst in Xconomy, December 19, 2012.
http://www.xconomy.com/boston/2012/12/19/promedior-joins-ranks-of-woman-helmed-biotechs-in-massachusetts/?single_page=true

Listed in *Who’s Who in America*, 2007-; *Who’s Who of American Women*, 2010-.