

JASON OWEN-SMITH

Associate Professor
Sociology & Organizational Studies
University of Michigan
August 27, 2009

CONTACT

Department of Sociology
500 S. State St., # 3001
Ann Arbor, MI 48103-1382
O: 734.936.0700
F: 734.763.6887
jdos@umich.edu
<http://www.umich.edu/~jdos>

EDUCATION

2000	Ph.D. Sociology, University of Arizona
1997	M.A. Sociology, University of Arizona
1995	B.A. Sociology & Philosophy, New College of Florida

EMPLOYMENT

2008-Present	Associate Professor, Sociology & Organizational Studies, University of Michigan
2002-2008	Assistant Professor, Sociology & Organizational Studies, University of Michigan
2000-2002	Postdoctoral Fellow, School of Education, Stanford University

HONORS & AWARDS

2008	Henry Russel Award The Russel Award, which recognizes “exceptional scholarship and conspicuous ability as a teacher,” is one of the highest honors the University of Michigan bestows on junior faculty.
2007	Viviana Zelizer Distinguished Scholarship Award For “Network Dynamics and Field Evolution: The Growth of Interorganizational Collaboration in the Life Sciences.” From the Economic Sociology Section of the American Sociological Association

- 2006 National Science Foundation Faculty Early Career Development Award
- 2006 Alfred P. Sloan Foundation Industry Studies Fellowship
- 2000 Fellow, Social Science Research Council
Program on the Corporation as a Social Institution
- 1998 Hacker-Mullins Graduate Student Paper Award
For “The Social Organization of Scientific Skepticism.” From the Science, Knowledge, & Technology section of the American Sociological Association.

RESEARCH INTERESTS

Institutional Change, Network Dynamics, Innovation, High-Technology Industries, University Research Commercialization, Regional Economic Development

JOURNAL ARTICLES

- 2009 Scott, Christopher Thomas, Jennifer McCormick, & Jason Owen-Smith. “And Then There Were Two: Use of hESC Lines.” *Nature Biotechnology*. 27(8): 696-697.
- 2009 Bunker Whittington, Kjersten, Jason Owen-Smith, & Walter W. Powell. “Networks, Proximity, & Innovation in Knowledge-Intensive Industries.” *Administrative Science Quarterly*. 54(1): 90-122.
- 2009 McCormick, Jennifer, Jason Owen-Smith, & Christopher Thomas Scott. “Distribution of Human Embryonic Stem Cell Lines: Who, When, and Where.” *Cell Stem Cell*. 4: 107–110.
- 2007 Powell, Walter W., Jason Owen-Smith, & Jeannette Colyvas. “Innovation and Emulation: Lessons From the Experiences of U.S. Universities in Selling Private Rights to Public Knowledge.” *Minerva*. 45: 121–142.
- 2006 Owen-Smith, Jason & Jennifer McCormick. “An International Gap in Human Embryonic Stem Cell Research.” *Nature Biotechnology*. 24(6): 391–392.
- 2005a Owen-Smith, Jason. “Dockets, Deals, and Sagas: Commensuration and the Rationalization of Experience in University Licensing.” *Social Studies of Science*. 35(1): 69–97.
- Reprinted** S.A. Silbey (ed.) 2008. *Law and Science (II): Regulation of Property, Practices, and Products*. Ashgate.
- 2005b Owen-Smith, Jason. “Trends and Transitions in the Institutional Environment of Public and Private Science.” *Higher Education*. 49(1): 91–117.

- 2005 Powell, Walter W., Douglas R White, Kenneth W. Koput, & Jason Owen-Smith. "Network Dynamics and Field Evolution: The Growth of Interorganizational Collaboration in the Life Sciences." *American Journal of Sociology*. 110(4): 1132–1205.
- Winner** Viviana Zelizer Award for Distinguished Scholarship
- Reprinted** McKelvey M. and L. Orsenigo (eds.) 2007. *The Economics of Biotechnology*. Edward Elgar.
- 2004 Owen-Smith, Jason & Walter W. Powell "Knowledge Networks as Channels and Conduits: The Effects of Formal Structure in the Boston Biotechnology Community." *Organization Science*. 15(1): 5–21.
- 2004 White, Douglas R., Jason Owen-Smith, James Moody & Walter W. Powell. "Networks, Fields, and Organizations: Scale, Topology, and Cohesive Embeddings." *Computational and Mathematical Organization Theory*. 10: 95–117.
- 2003 Owen-Smith, Jason. "From Separate Systems to a Hybrid Order: Accumulative Advantage Across Public and Private Science at Research One Universities." *Research Policy*. 32(6): 1081–1104.
- 2003 Owen-Smith, Jason & Walter W. Powell. "The Expanding Role of University Patenting in the Life Sciences: Assessing the Importance of Experience and Connectivity." *Research Policy*. 32(9): 1695–1711.
- 2002 Owen-Smith, Jason, Massimo Riccaboni, Fabio Pammolli, & Walter W. Powell. "A Comparison of U.S. and European University-Industry Relations in the Life Sciences." *Management Science*. 48(1): 24–43.
- Reprinted** McKelvey M. and L. Orsenigo (eds.) 2007. *The Economics of Biotechnology*. Edward Elgar.
- 2001 Owen-Smith, Jason. "Managing Laboratory Work Through Skepticism: Processes Evaluation and Control." *American Sociological Review*. 66(3): 427–452.
- 2001a Owen-Smith, Jason & Walter W. Powell. "To Patent or Not: Faculty Decisions and Institutional Success at Technology Transfer." *Journal of Technology Transfer*. 26(1): 99–114.
- Reprinted** Siegel, D.S. (ed.) 2007. *Technological Entrepreneurship*. Edward Elgar.
- 2001b Owen-Smith, Jason & Walter W. Powell. "Careers and Contradictions: Faculty Responses to the Transformation of Knowledge and Its Uses in the Life Sciences." *Research in the Sociology of Work*. 10: 109–140.
- Translated** Owen-Smith, Jason & Walter W. Powell. 2004. "Carrieres et contradictions en sciences de la vie: reponses du corps academique aux transformations de la connaissance et de ses utilisations." *Sociologie du travail*. 46(3): 347–377.

- Reprinted** Owen-Smith, Jason & Walter W. Powell. 2002. "Standing on Shifting Terrain: Faculty Responses to the Commercialization of Knowledge and its Uses in the Life Sciences." *Science Studies*. 15(1): 3–28.
- 1999 Powell, Walter W., Kenneth W. Koput, Laurel Smith-Doerr & Jason Owen-Smith. "Network Position and Firm Performance: Organizational Returns to Collaboration in the Biotechnology Industry." *Research in the Sociology of Organizations*. 16: 229–254.
- 1998 Powell, Walter W. & Jason Owen-Smith. "Universities and the Market for Intellectual Property in the Life Sciences." *Journal of Policy Analysis and Management*. 17(2): 253–277.
- Reprinted** Powell, Walter W. & Jason Owen-Smith. 1998. "Universities as Creators and Retailers of Intellectual Property." Pp. 169-194 in Burton Weisbrod (ed.) *To Profit or Not to Profit*. Cambridge University Press.
- Reprinted** S.A. Silbey (ed.) 2008. *Law and Science (II): Regulation of Property, Practices, and Products*. Ashgate.

CHAPTERS

- 2008 Owen-Smith, Jason & Walter W. Powell. "Networks and Institutions." Pp. 594–621 in R. Greenwood et. al (eds.) *Handbook of Organizational Institutionalism*. New York: Sage.
- 2006 Owen-Smith, Jason & Walter W. Powell. "Accounting for Emergence and Novelty in Boston and Bay Area Biotechnology." Pp. 61–86 in P. Braunerhjelm & M. Feldman (eds.) *Cluster Genesis: The Emergence of Technology Clusters and Their Implications for Government Policy*. Oxford: Oxford University Press.
- 2006 Owen-Smith, Jason. "Commercial Imbrolios: Proprietary Science and the Contemporary University." Pp 63–90 in S. Frickel & K. Moore (eds.) *The New Political Sociology of Science: Institutions, Networks, and Power*. Madison: University of Wisconsin Press.
- 2002 Powell, Walter W. & Jason Owen-Smith. "The New World of Knowledge Production in the Life Sciences." Pp. 107–132 in Steven Brint (ed.) *The Future of the City of Intellect: The Changing American University*. Palo Alto: Stanford University Press.
- 2001 Owen-Smith, Jason. "New Arenas for Academic Competition: Accumulative Advantage and Stratification in University Patenting." Pp. 23–54 in Jennifer Croissant & Sal Restivo (eds.) *Degrees of Compromise: Industrial Interests and Academic Values*. SUNY Press.

- 1999 Smith-Doerr, Laurel, Jason Owen-Smith, Kenneth W. Koput, & Walter W. Powell. "Networks and Knowledge Production: Collaboration and Patenting in Biotechnology." Pp. 390-408 in Roger Th.A.J. Leenders & Shaul Gabbay (eds.) *Corporate Social Capital & Liability*. Kluwer Academic Publishers.
-

REVIEWS & ESSAYS

- 2009 Scott, Christopher Thomas, Jason Owen-Smith, & Jennifer McCormick. "We must reverse the Bush legacy of stem-cell problems." *Nature* 460:33.
Invited Correspondence
- 2006 Owen-Smith, Jason. Review of Johann Peter Murmann's *Knowledge and Competitive Advantage*. *American Journal of Sociology*. 112: 646–648.
- 2006 Owen-Smith, Jason. "Examining the Worldly University: Ambivalence, Paradox, and the Future of Academe." *American Journal of Education*. 112: 301–306.
Invited review essay.
- 2005 Owen-Smith, Jason. Review of Daniel Lee Kleinman's *Impure Cultures*. *American Journal of Sociology*. 110: 815–816.
- 2004 Owen-Smith, Jason. Review of Sheldon Krinsky's *Science in the Private Interest*. *Academe*. 90: 59–60.
- 2002 Pammolli, Fabio, Massimo Riccaboni, Jason Owen-Smith & Walter W. Powell. "Europe and the United States: The Power of Networks." *Biofutur* 222: 26–29.
- 2002 Owen-Smith, Jason. "Between the Ivory Tower and the Market." Review of Corynne McSherry's *Who Owns Academic Work?* *Science*. 295: 1840.
- 2002 Owen-Smith, Jason. Review of Andrew Chan's *Critically Constituting Organizations*. *Contemporary Sociology*. 31: 282–283.
- 2001 Owen-Smith, Jason. "Stabilising Technology Through Talk." Review of Charles Bazerman's *The Languages of Edison's Light*. *Meta-Science*. 10: 232–234.
- 1995 Smith, Jason D. "Pedagogy and Practice in Academic Sociology." *Proceedings: Ninth National Conference on Undergraduate Research*. University of North Carolina at Asheville Press.
-

WORKING PAPERS

- 2009 Owen-Smith, Jason. "Structural Components of Institutional Change: The Field of Play for Science and Commerce in Academe."
- 2009 Owen-Smith, Jason & Walter W. Powell. "Molecules & Money"

- 2008 Owen-Smith, Jason. “Where Does Professional Knowledge Come From? Licensing Talk, Problem Resolution, and Rationalization in University Technology Transfer.”
- 2008 Owen-Smith, Jason, Helena Buhr, & Natalie Cotton. “Know when to fold ’em: Multiple Networks, Market Sentiment, & IPO Decisions.”
- 2008 Owen-Smith, Jason & Mariana Craciun. “Funding Human Embryonic Stem Cell Research: Science & Scientists in Congress.”

NATIONAL GRANTS

- 2006-2011 “CAREER: The Emergence and Ramifications of the U.S. Knowledge Economy.” National Science Foundation. \$402,000
- 2009-2010 “From Bench, to Bank, to Breakthrough: Selection, Access, and Use of Human Embryonic Stem Cell Research Materials.” National Science Foundation. \$199,795.
- 2007-2010 “Spatial and Social Networks in Organizational Innovation.” National Science Foundation. \$540,000 (Co-PI w/ Jean Wineman, Jerry Davis, Judith Olson, & Sophia Psarra)
- 2006-2008 Industry Studies Fellowship in Biotechnology. Alfred P. Sloan Foundation. \$45,000
- 2001-2002 “Paths to Commercial Accomplishment at American Universities: Examining Multiple Indicators of Technology Transfer Success.” National Science Foundation. \$79,000 (Co-PI w/ Walter W. Powell)
- 1999-2001 “Public Science, Private Science: The Causes and Consequences of University Patenting.” Association for Institutional Research, \$37,500

INSTITUTIONAL GRANTS

- 2007 “Political Debates Surrounding Human Embryonic Stem Cells.” Horace Rackham School Of Graduate Studies Spring/Summer Research Grant. \$4,000 (w/ Mariana Craciun)
- 2004 “Policy, Controversy, and the Anti-Commons in Human Embryonic Stem Cell Research” Office of the Vice President for Research, University of Michigan. \$14,500
- 2003 “Universities and Industry Networks in the Life Sciences.” Office of the Vice President for Research/Life Science, Values and Society Program, University of Michigan. \$7,700

INVITED PRESENTATIONS (LAST 3 YEARS)

- 2009 “Funding Human Embryonic Stem Cell Research.”
Canadian Stem Cell Research Network
- 2008 “Networks & Innovation: Theory & Measurement”
OECD
- 2008 “Networks & Institutions in the Utilization of Knowledge”
National Institutes of Health
- 2008 “Molecules & Money”
Wharton Business School – University of Pennsylvania
- 2008 “Funding Human Embryonic Stem Cell Research: Science & Scientists in Congress.”
Georgia Institute of Technology
- 2008 “Know when to fold ’em: Multiple Networks, Market Sentiment, & IPO Decisions.”
McGuire Center For Entrepreneurship–University of Arizona
- 2007 “Structural Components of Institutional Change: Science and Commerce in Academe.”
Stanford University, London Business School, Indiana University, Harvard/MIT Economic Sociology Seminar, Northwestern University–Kellogg School of Management
- 2006 “Epochal Institutional Change and Academic Research Commercialization.”
University of Chicago–Graduate School of Business
- 2006 “Where Does Professional Knowledge Come From? Inference and Rationalization in University Licensing.”
University of California at Irvine.
- 2006 “The Changing Institutional Environment For Public and Private Science.”
Association of University Technology Managers
- 2006 “Institutional Change and Expert Knowledge: Collective Decision-Making in University Technology Transfer.”
University of Illinois at Chicago

CONFERENCE PRESENTATIONS (LAST 3 YEARS)

- 2009 “Toward a Behavioral Network Theory: Networks, Institutions, and Space.”
American Sociological Association
- 2009 “Science for Fun and/or Profit”
University of Alberta conference on Institutions, Networks & Space

2008	“Molecules & Money” <i>American Sociological Association</i>
2008	“Funding Human Embryonic Stem Cell Research: Science & Scientists in Congress” <i>American Sociological Association</i>
2008	“Organizational Identity Claims, Audience Responses, & Change in High-Tech Industries” <i>Sloan Foundation Industry Studies Conference</i>
2008	“Know when to fold ’em: Multiple Networks, Market Sentiment, & IPO Decisions.” <i>INSNA–Sunbelt Meetings</i>
2007	“Protect or Prospect: The Organizing Logic of an Open Elite in the Life Sciences” <i>Academy of Management</i>
2007	“Structural Components of Institutional Change” <i>American Sociological Association</i>

TEACHING INTERESTS

Organization Theory, Economic Sociology, Social Networks, Sociology of Science & Technology, Innovation, Entrepreneurship, Research Methods

UNDERGRADUATE COURSES

Soc/OrgStudy 215: Organization & Society
 Sociology 420: Complex Organizations.
 Organizational Studies 310: Formal Organizations and Environments
 Organizational Studies 495: Research Seminar in Organizations and Innovation
 Organizational Studies 490: United States Knowledge Economy (USKE)

PH.D. COURSES

Sociology 595: Science, Technology, & Society
 Sociology 507: Logics and Strategies of Social Research
 Sociology 515: Economic Sociology and Organizations
 Sociology 595: Networks, Institutions, & Identities

INTERNATIONAL TEACHING

“Social Networks v. Business Networks” - Swedish School of Economics (Finland)

“Knowledge, Networks, and Innovation.” - University College (Norway)

“Sociological and Economic Approaches to Networks.” - Sant’Anna School for Advanced Studies (Italy)

DISSERTATION COMMITTEES

Chris Marquis, Jeremy Birnholtz, Matthew Bietz, David Sommerfeld, Louise Dobish, Airong Luou, Eric Neuman, Erica Ryu, Ella Paneyahk, Anne Fleischer, Rebecca Henn, Danielle Molina, Pete Bacevice, Jennifer Day, Helena Buhr (Chair), Mariana Craciun (Chair), Steph Osbaken

EDITORIAL BOARDS & EDITORSHIPS

2009-Present Editorial Board, *Administrative Science Quarterly*

2007-Present Editorial Board, *Organization Science*

2007-Present Advisory Editor, *Research Policy*

AD HOC REVIEWING

Academy of Management Journal; Administrative Science Quarterly; American Economic Review; American Journal of Sociology; American Sociological Review; Journal of Policy Analysis & Management; Management Science; National Science Foundation (Multiple Programs); Organization Science; Organizational Studies; Research Policy; Science, Technology, & Human Values; Social Forces; Social Problems; Social Studies of Science; Sociological Forum; Sociological Methodology; Sociology of Education; Work & Occupations

PROFESSIONAL AFFILIATIONS

American Sociological Association (ASA)

Society for the Social Studies of Science (4S)

International Network for Social Network Analysis (INSNA)

American Association for the Advancement of Science (AAAS)