

## VITA

JOHN P. WALSH  
School of Public Policy  
685 Cherry Street  
Georgia Institute of Technology  
Atlanta, GA 30332-0345 USA  
Ph: (404) 385-0400 Fx: (404) 385-0504  
Email: john.walsh@pubpolicy.gatech.edu

### EDUCATION

1988 Ph.D., Sociology, Northwestern University  
1984 M.A., Sociology, Northwestern University  
1983 B.A., Sociology, summa cum laude, University of Cincinnati

### AREAS OF SPECIALIZATION

Technological innovation, organization theory, science and technology policy, university-industry relations, Japanese economy, economic sociology, research methods

### POSITIONS

2008-present	Professor, School of Public Policy, Georgia Institute of Technology
2006-2008	Associate Professor, School of Public Policy, Georgia Institute of Technology
2002-05	Visiting Professor, Research Center for Advanced Science and Technology, University of Tokyo
1996-2006	Associate Professor, Sociology, University of Illinois at Chicago
2000-01	Visiting Associate Professor, Institute of Innovation Research, Hitotsubashi University
1993-94	Postdoctoral Research Associate, Social and Decision Sciences, Carnegie Mellon University
1989-90	Postdoctoral Research Associate, Social and Decision Sciences, Carnegie Mellon University
1988-96	Assistant Professor, Sociology, University of Illinois at Chicago
1987-88	Research Fellow, Center for Urban Affairs and Policy Research, Northwestern University

### AWARDS AND FELLOWSHIPS

2010	International Center for Economic Research Fellowship, Turin, Italy
2002-03	Social Science Research Council/Japan Foundation Abe Fellowship
1997	Japan Science and Technology Agency Short-term Research Fellowship
1989-90	National Institute of Mental Health Postdoctoral Fellowship
1984-1987	National Science Foundation Graduate Fellowship
1983	Northwestern University Presidential Fellowship
1983	Phi Beta Kappa, University of Cincinnati

## WORKING PAPERS

Taehyun Jung and John P. Walsh. "Organizational paths of commercializing patented inventions: The effects of transaction costs, firm capabilities, and collaborative networks." Under review.

John P. Walsh and Hsin-I Huang. "Research tool access in the age of the IP Society: Results from a survey of Japanese scientists." Under review.

Nagaoka, Sadao and John P. Walsh. "Commercialization and other uses of patents in Japan and the US" RIETI Discussion Paper 09-E-11.

Walsh, John P. and Sadao Nagaoka. "How "open" is innovation in the US and Japan?" RIETI Discussion Paper 09-E-022.

Nagaoka, Sadao and John P. Walsh. "The R&D process in the US and Japan." RIETI Discussion Paper Series 09-E-010.

Walsh, John P. and Sadao Nagaoka. "Who invents? Evidence from the Japan-US inventor survey." RIETI Discussion Paper 09-E-034.

Walsh, John P. and Wesley Cohen. "Does the golden goose travel?: A comparative analysis of the influence of public research on industrial R&D in the U.S. and Japan."

Cohen, Wesley M, Richard R. Nelson and John P. Walsh, "Protecting Their Intellectual Assets: Appropriability Conditions and Why U.S. Manufacturing Firms Patent (Or Not)." NBER Working Paper W7552.

## PUBLICATIONS

2010. Tang, Li and John P. Walsh. "Bibliometric fingerprints: name disambiguation based on approximate structure equivalence of cognitive maps." *Scientometrics* 84(3): 763-784.

2010. Clark, Jennifer, Hsin-I Huang and John P. Walsh. "A typology of 'innovation districts': what it means for regional resilience." *Cambridge Journal of Regions, Economy and Society* 3(1): 121-137.

2010. Baba, Yasunori and John P. Walsh. "Embeddedness, social epistemology and breakthrough innovation: the case of the development of statins." *Research Policy* 39(4): 511-522.

2010. No, Yeonji and John P. Walsh. "The Importance of Foreign-Born Talent for US Innovation." *Nature Biotechnology* 28(3): 289-291.

2009. Hong, Wei and John P. Walsh. "For Money or Glory?: Commercialization, Competition and Secrecy in the Entrepreneurial University." *Sociological Quarterly* 50:145-171.

2008. Cohen, W.M. and J.P. Walsh. "Real impediments to biomedical research." *Innovation Policy and the Economy* 8:1-30.

2008. Walsh, John P., Yasunori Baba, Akira Goto, Yoshihito Yasaki. 2008. "Promoting University-Industry Linkages in Japan: Faculty Responses to a Changing Policy Environment." *Prometheus* 26: 39-54.

2007. Walsh, John P., Wesley M. Cohen and Charlene Cho. "Where excludability matters: material versus intellectual property in academic biomedical research." *Research Policy* 36:1184-1203.
2007. Walsh, J.P. and N.G. Maloney. "Collaboration Structure, Communication Media and Problems in Scientific Work Teams." *Journal of Computer Mediated Communication* 12(2), article 19.
2007. Walsh, John P. and Anne Zacharias-Walsh. "Working Longer, Living Less." Pp. 5-40 in Peter Kivisto, ed. *Illuminating Social Life*. Thousand Oaks, CA: Pine Forge Press, 4th ed. [Substantial update and revision from 3rd ed.] [1st ed., 1998; 2nd ed., 2001; 3rd ed., 2005]
2007. Baba, Y. and J.P. Walsh. "Hairisku inobeishon ni okeru kenkyusha nettowaaku no yakuwari: souyaku ni okeru nichibei hikaku" [The role of researcher networks for high-risk innovation: A comparison of drug discovery in Japan and the US.] *Journal of Science Policy and Research Management* 22: 45-55.
2007. Baba, Y. J.P. Walsh, Y. Yasaki, J. Suzuki, A. Goto. "*Seido henkaku ni okeru sangakurenkei to kenkyuukatsudo:shitsumonhyou chousa ni yoru bunseki*" ["University-industry linkages and research activity during the reform era: survey analysis"] in A. Goto and Y. Baba, eds. *Sangaku-renkei no jishou kenkyuu* [Empirical Research on University-Industry Linkages in Japan]. Tokyo: Tokyo University Press.
2007. Walsh, J.P. and N.G. Maloney. "Collaboration Structure, Communication Media and Problems in Scientific Work Teams." *Journal of Computer Mediated Communication* 12(2), article 19. <http://jcmc.indiana.edu/vol12/issue2/walsh.html>
2006. Caulfield T., Cook-Deegan R.M., Kieff F.S., Walsh J.P. "Evidence and anecdotes: an analysis of human gene patenting controversies." *Nature Biotechnology* (2006 Sep) 24(9):1091-4.
2005. Baba, Yasunori, J.P. Walsh, Yoshihito Yasaki, Jun Suzuki, and Akira Goto. *Seido Henkakuki ni okeru Sangakurenkei—Tokyo Daigaku Kyoukan he no Shitsumonhyou Chousa no Kekka*. [University industry linkages in the era of reform: Results from a survey of University of Tokyo faculty.] *Kagaku* (October, 2005) 75(10):1199-1203.
2005. Walsh, John P., Charlene Cho and Wesley M. Cohen. "The View from the Bench: Patents, Material Transfers and Biomedical Research" *Science* (23 September 2005) 309:2002-2003.
2003. Cohen, Wesley M., Akira Goto, Akiya Nagata, Richard Nelson and John Walsh. "R&D information flows and patenting in Japan and the United States." In O. Grandstrand, ed. *Economics, Law and Intellectual Property*. Kluwer Academic Publishers.
2003. Walsh, J.P. and M. Saegusa. "Broadening 'Academic' Research: Adapting to University Reforms in Japan." *Journal of Science Policy and Research Management* 18:47-58.

2003. Walsh, John P., Wesley M. Cohen and Ashish Arora. "Patenting and licensing of research tools and biomedical innovation." Pp. 285-340 in W.M. Cohen and S. Merrill, eds. *Patents in the Knowledge-Based Economy*. Washington: National Academies Press.
2003. Walsh, John P. and Wei Hong. "Secrecy is increasing in step with competition." *Nature* (24 April 2003) 422:801-802.
2003. Walsh, John P., Wesley M. Cohen and Ashish Arora. "Working through the patent problem." *Science* (14 Feb 2003) 299:1021.
2002. Cohen, Wesley M. and John P. Walsh. "Public research, patents and implications for industrial R&D in the drug, biotechnology, semiconductor and computer industries." Pp. 223-243 in C.W. Wessner, ed. *Capitalizing on New Needs and New Opportunities: Government-Industry Partnerships in Biotechnology and Information Technologies*. Washington, DC: National Academies Press.
2002. Cohen, Wesley M., Akira Goto, Akiya Nagata, Richard Nelson and John Walsh. "R&D spillovers, patents and the incentives to innovate in Japan and the United States." *Research Policy* 31:1349-1367.
2002. Walsh, John P. and Nancy G. Maloney. "Computer Network Use, Collaboration Structures and Productivity." Pp. 433-458 in P. Hinds & S. Kiesler, eds. *Distributed Work*. Cambridge, MA: MIT Press.
2002. Cohen, Wesley M., Richard R. Nelson and John P. Walsh. "Links and Impacts: Survey Results on the Influence of Public Research on Industrial R&D." *Management Science* 48:1-23. [Reprinted, pp. 109-146 in A. Geuna, A.J. Salter and W.E. Steinmeuller, eds. 2003. *Science and Innovation: Rethinking Rationales for Funding and Governance*. Cheltenham, UK: Edward Elgar.]
2001. Cohen, Wesley M. and John P. Walsh. "R&D Information Flows, Appropriability and R&D Intensity." Pp. 22-29 in R.N. Spivack, ed. *Papers and proceedings of the Advanced Technology Program's International Conferences on the Economic Evaluation of Technological Change*. June 15-16, 1998, Washington, DC. NIST Special Publication 952. Washington: USGPO.
2000. Walsh, John P., Stephanie Kucker, Nancy Maloney and Shaul M. Gabbay. "Connecting Minds: CMC and Scientific Work." *Journal of the American Society for Information Science* 51(14): 1295-1305.
1999. Walsh, John P. and Ann Roselle. "Computer Networks and the Virtual College." *Science, Technology Industry Review* 24:49-78. (Reprinted in *Encyclopedia of Library and Information Sciences* 65 (1999): 22-42.)
1998. Walsh, John P. "Scientific Communication and Scientific Work: A Survey of Four Disciplines." *Internet Research* 8(4): 363-366.
1998. Cohen, Wesley M., Richard Florida, Lucien Randazzese and John Walsh. "Industry and the Academy: Uneasy Partners in the Cause of Technological Advance." Pp. 171-200 in Roger Noll, ed. *Challenges to Research Universities*. Washington: Brookings.

1998. Walsh, John P. and Shu-fen Tseng. "The Effects of Job Characteristics on Active Effort at Work." *Work and Occupations* 25:74-96.
1996. Walsh, John P. and Todd Bayma. "The Virtual College: Computer-Mediated Communication and Scientific Work." *The Information Society* 12:343-363.
1996. Walsh, John P. and Todd Bayma. "Computer Networks and Scientific Work". *Social Studies of Science* 26:661-703 [Reprinted in Sara Kiesler, ed. *Culture of the Internet*. Lawrence Erlbaum Associates.]
1994. Zetka, James R. and John P. Walsh. "A Qualitative Protocol for Studying Technological Change in the Labor Process." *Bulletin de Methodologie Sociologique* 45: 37-73.
1993. Walsh, John P. *Supermarkets Transformed: Understanding Organizational and Technological Innovation*. American Sociological Association Rose Monograph Series. New Brunswick, NJ; Rutgers University Press.
1993. Hesse, Bradford W., Lee S. Sproull, Sara Kiesler and John P. Walsh. "Returns to Science: Computer Networks in Oceanography." *Communications of the ACM [Association for Computing Machinery]* 36(8): 90-101.
1992. Walsh, John P., Sara Kiesler, Lee S. Sproull and Bradford W. Hesse. "Self-Selected and Randomly-Selected Respondents in a Computer Network Survey." *Public Opinion Quarterly* 56:241-244.
1992. Kiesler, Sara, John P. Walsh and Lee S. Sproull. "Computer Networks in Field Research." Pp. 239-268 in F. B. Bryant, et al., eds. *Methodological Issues in Applied Psychology*. New York: Plenum.
1991. Walsh, John P. "The Social Context of Technological Change". *Sociological Quarterly* 32:447-468.
1991. Maltz, Michael D., Andrew C. Gordon and Warren Friedman with Marc Buslik, Robert K. LeBailley, Paul Schnorr, Douglas R. Thomson and John P. Walsh. *Mapping Crime in Its Community Setting*. New York: Springer-Verlag.
1989. Walsh, John P. and Andrew C. Gordon "Intellectual Property and New Technology." Pp. 33-46 in G. Blank, J. L. McCartney and E. Brent, eds. *New Technology in Sociology*. New Brunswick, NJ: Transaction.
1989. Walsh, John P. "Technological Change and the Division of Labor." *Work and Occupations* 16:165-183.

#### REPORTS

ETAN (European Technology Assessment Network). 1999. "Transforming European Science through Information and Communication Technologies: Challenges and Opportunities of the Digital Age." European Commission, Directorate General for Research, Directorate AP-RTD Actions: Policy Co-ordination and Strategy. [report available at <http://www.cordis.lu/etan/src/topic-8.htm>]

National Science Foundation. "Connecting and Collaborating: Issues for the Sciences". National Science Foundation, Division of Social and Economic Sciences. [report available at <http://www.nsf.gov/sbe/ses/social/works2.htm>]

#### BOOK REVIEWS

2006. Walsh, J.P. Review of Organizational Learning from Performance Feedback: A Behavioral Perspective on Innovation and Change by Henrich R. Greve. *American Journal of Sociology* 111:1969-1971.
2003. Walsh, J.P. Review of Youth at Work by S. Tannock. *Contemporary Sociology* 32(1):45-46.
1999. Walsh, John P. "You're Looking at the Labor Board in This Plant Right Now," Review essay on R. Halpern, Down on the Killing Floor, and J. Stepan-Norris and M. Zeitlin, Talking Union. *Qualitative Sociology* 22:375-382.
1996. Walsh, J.P. Review of Technological Change at Work, by I. McLoughlin and J. Clark. *Management Learning* 27: (1) 146-147 March, 1996.
1995. Walsh, J.P. Review of The New Telecommunications, by R. Mansell. *Social Science Computer Review* 13: (4) 591-593 Winter, 1995.
1995. Walsh, J.P. Review of The American Grocery Store: The Business Evolution of an Architectural Space, by J. M. Mayo. *Sociological Inquiry* 65: (1) 87-89 Winter, 1995.
1994. Walsh, J.P. Review of Women's Paid and Unpaid Labor, by N.Y. Glazer. *American Journal of Sociology* 99: (6) 1647-1649 May, 1994.
1990. Walsh, J.P. Review of Beneath the Miracle, by F.C. Deyo. *Contemporary Sociology* 19: (5) 694-695 September 1990.

#### RECENT COURSES

Complex Organizations [cross-listed Sociology/Management], Economic Sociology, Comparative Organizations, Networks and Organizations, Research Methods, Introduction to Sociology

#### RESEARCH FUNDING

- 2010 "The American Scientists Survey: Phase II" (PI). Japan Society for the Promotion of Science (subcontract from Hitotsubashi University), \$69,360.
- 2010 "US-Japan Workshop on Scientific Collaboration and Productivity: Tokyo, Japan" (PI) National Science Foundation, \$24,382.
- 2009 "The American Scientists Survey: planning grant" (PI). Japan Society for the Promotion of Science (subcontract from Hitotsubashi University), \$32,500.
- 2009 "Open Innovation and Competitive Advantage: Comparing the US and Japan" (PI), Georgia Institute of Technology, Center for International Business Education and Research, \$2000.
- 2008-10 "The Division of Innovative Labor" Kauffman Foundation (co-PI), \$338,415.

- 2008-10 "The Division of Innovative Labor" National Science Foundation (co-PI), \$399,980.
- 2008-09 "Uses and non-uses of patented inventions: dissertation enhancement grant" (PI, Taehyun Jung, co-PI), National Science Foundation, \$8,000.
- 2007-08 "Immigration Policy and Entrepreneurship" Georgia Research Alliance (P.I.), \$13,310.
- 2007-08 "Open innovation in a global perspective: from invention to innovation in the US and Japan." Georgia Research Alliance (P.I.) \$10,380.
- 2007-08 "Web-based Inventor Survey." Japanese Research Institute for Economics, Technology and Industry (P.I.) \$13,630.
- 2007-08 "Information flows, collaboration and markets for technology: survey of American inventors." Japanese Research Institute for Economics, Technology and Industry (P.I.) \$51,366.
- 2006-07 "Research tool access in Japan: a survey of Japanese scientists." American Association for the Advancement of Science (P.I.) \$24,000.
- 2004-05 "Patenting and information sharing in biomedical research." National Academy of Science (P.I.) \$120,000.
- 2003 "Is a "Pro-Patent" Policy Justified? Empirical Evidence from Japan and the U.S." Matsushita Foundations (P.I.) \$5200.
- 2003-06 "The Sword and the Shield: Comparing American and Japanese Patenting Strategies in a Strong Patent Environment." Japan Society for the Promotion of Science (P.I.). \$33,000.
- 2002-03 "Patenting and Innovation in the U.S. and Japan." Social Science Research Council/Japan Foundation Abe Fellowship (P.I.). \$47,882.
- 2000-02 "Patents and Innovation in Pharmaceuticals and Related Biotech Industries." National Academy of Sciences, Science Technology & Economic Policy Board (P.I.). \$33,000, plus \$9,000 supplement.
- 1999-2002 "Patenting and Its Impact on Innovation." National Science Foundation SES9976384 (co-P.I.). \$225,950 plus \$25,800 supplement.
- 1999-2000 "Social Capital in the Personal Injury Bar." National Science Foundation, Dissertation enhancement grant SES9905218 (P.I.). \$8,373.
- 1998 "The Virtual College." Office of Social Science Research, UIC. (P.I.) \$3,000.
- 1998 "Computer Networks and the Virtual College." Campus Research Board, UIC. (P.I.) \$8,880.
- 1997 "Information Sharing across Geographically-Dispersed Work Teams." Center for Human Resource Management, UIC. (P.I.) \$8,625.

- 1996-98 "Within and Cross-Industry Spillovers and Appropriability." Advanced Technology Program, Department of Commerce. (co-P.I.). \$57,000.
- 1996-97 "International Information Flows Affecting Industrial Innovation," Carnegie Bosch Institute (co-P.I.), \$9,600.
- 1996 "Information Technology and the Science System." Organization for Economic Co-operation and Development (OECD), Directorate for Science, Technology and Industry. (P.I.) \$2500.
- 1996 "Intra- and Inter-Organizational Bridges in R&D Organizations." Office of Social Science Research, UIC. (P.I.) \$2450.
- 1995 "Development of Hands on Learning Tasks for Introductory Sociology." Council for Effective Teaching and Learning, UIC. (co-P.I.). \$1,500.
- 1993 "Worker Empowerment, Team Reward Systems and Work Group Productivity." Center for Human Resource Management, UIC. (co-P.I.) \$10,000.
- 1992 "Electronic Networks in Science." Campus Research Board, UIC. (P.I.) \$7,454.
- 1991 "Computer Mediated Communication in Science." Office of Social Science Research, UIC. (P.I.). \$1200.
- 1991 "Electronic Networks in Science." Midwest Sociological Society Scholarship Development Fund. (P.I.) \$497.
- 1990 "Declining Productivity and the Relation between Individual and Organizational Productivity." National Research Council. (P.I.) \$1000.

PRESENTATIONS [\*Invited presentations]

- \*John P. Walsh and Sadao Nagaoka. "Open innovation and patent value in the US and Japan." Eindhoven Technical University, Invited Seminar, October 28, 2010.
- \*Sotaro Shibayama, John P. Walsh and Yasunori Baba. "Academic Entrepreneurship and Forms of Exchange: Material Transfer in Life Science and Material Science in Japanese Universities." Workshop on *Careers, Wages and Productivity in Higher Education and Research*. Ministère de l'Enseignement Supérieur et de la Recherche, Paris, October 21, 2010.
- \*Taehyun Jung and John P. Walsh, "What drives strategic patenting? Evidence from the Georgia Tech Inventor Survey." International Center for Economic Research/Prague, Invited Seminar, Prague, Oct 18 2010.



- \*John P. Walsh and Sadao Nagaoka. "Open innovation and patent value in the US and Japan." Collegio Carlo Alberto, Invited Seminar, Turin, Italy.
- \*Taehyun Jung and John P. Walsh, "What drives strategic patenting? Evidence from the Georgia Tech Inventor Survey." Bocconi University, Invited Seminar, Milan, September 29, 2010.
- \*Taehyun Jung and John P. Walsh, "What drives strategic patenting? Evidence from the Georgia Tech Inventor Survey." 5<sup>th</sup> Annual Conference of the EPIP Association, Maastricht, the Netherlands, September 20-21, 2010
- Sotaro Shibayama, John P. Walsh and Yasunori Baba. "Academic Entrepreneurship and Forms of Exchange: Material Transfer in Life Science and Material Science in Japanese Universities." American Sociological Association Annual Meeting, Atlanta, August 16, 2010
- You-Na Lee and John P. Walsh. "Intra-Organizational Integration and Innovation: Organizational Structure, Environmental Contingency and R&D Performance." American Sociological Association Annual Meeting, Atlanta, August 15, 2010
- \*Taehyun Jung and John P. Walsh, "What drives strategic patenting? Evidence from the Georgia Tech Inventor Survey." Georgia Institute of Technology, Strategic Management, Invited Seminar, April 15, 2010
- \*John P. Walsh and Sadao Nagaoka. "Open innovation and patent value in the US and Japan". Institute for the Science and Technology Studies, Tsinghua University, Beijing, January 29, 2010.
- \*John P. Walsh. "Science Policy in the Obama Administration." Tokyo University Research Center for Advanced Science and Technology, Invited Seminar. Tokyo, January 27, 2009.
- John P. Walsh and Sadao Nagaoka. "How "open" is innovation in the US and Japan?". Atlanta, Georgia Tech Roundtable on Engineering Entrepreneurship Research, November 15, 2009.
- \*Wesley M. Cohen and John P. Walsh. "Real impediments to academic biomedical research." Health Law Institute Seminar, University of Alberta, Edmonton. November 2, 2009.
- \*Li Tang and John P. Walsh, "Bibliometric fingerprints and name disambiguation". RIETI Seminar, Tokyo, October 3, 2009.
- \*John P. Walsh and Sadao Nagaoka. "How "open" is innovation in the US and Japan?". Hong Kong University of Science and Technology Seminar, June 29, 2009
- \*Wesley M. Cohen and John P. Walsh. "Real impediments to academic biomedical research." CASIMIR Workshop on Data Sharing, Rome, May 21, 2009.
- \*John P. Walsh and Sadao Nagaoka. "Inventors and the Invention Process in the US and Japan: Results from the US-Japan inventor survey" February 22, 2008. Emory/Georgia Tech Innovation Seminar.

- \*John P. Walsh and Taehyun Jung. "The use and non-use of patented inventions: evidence from a survey of American inventors." International Workshop on the "Innovation Process and Performance," Research Institute for Economy, Trade and Industry International Workshop, Tokyo, January 11, 2008.
- \*John P. Walsh. "Invention process - knowledge resources and collaborations". Innovation Process and Performance: findings from inventors surveys in Japan, the US and Europe. Research Institute for Economy, Trade and Industry International Symposium, Tokyo, January 11, 2008.
- \*John P. Walsh. "The US Inventor Survey." Organization for Economic Cooperation and Development [OECD]/European Patent Office Conference on Patent Statistics for Policy Decisionmaking, Venice, Italy, October 2-3, 2007.
- \*John P. Walsh. "Understanding the Innovation Process: Evidence from the American Inventor Survey, with some comparisons with Japan". Georgia Research Alliance/Kauffman Foundation, Atlanta, GA, September 26, 2007.
- \*John P. Walsh. "Inventors and their Inventions: Understanding the Innovation Process." Research Institute of Economy, Trade and Industry, Tokyo, September 4, 2007.
- \*Cohen, Wesley M. and John P. Walsh. "Real impediments to academic biomedical research." Workshop on Corporate R&D, Kogakuin University, Tokyo, May 23, 2007.
- \*Walsh, John P., Yoshihito Yasaki, Yasunori Baba, Akira Goto, and Jun Suzuki. "The entrepreneurial university in Japan." Workshop on Exploring and Mapping University-Industry Relationships. Imperial College London, 21 May, 2007.
- \*Cohen, Wesley M. and John P. Walsh. "Real impediments to academic biomedical research." NBER Symposium on Innovation Policy and Economics, Washington, DC, 12 April 2007.
- \*Walsh, John P. and Hsin-I Huang. "Research tool access in the age of the IP society: results from a survey of Japanese scientists." Research Tools and Academic Research: An International Symposium. Tokyo. 19 March 2007.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "Where excludability matters: material v. intellectual property in academic biomedical research." Georgia Tech Biotechnology Policy Forum, 12 March 2007.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "Where excludability matters: material v. intellectual property in academic biomedical research." Social Science and Technology Seminar Series, Stanford University 7 March 2007.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "Patents, Material Transfers and Access to Biomedical Research Tools" Presentation to Genome Canada, Program 2020 Vision, Quebec, Canada, October 25-27, 2007.
- Walsh, John P., Yoshihito Yasaki, Yasunori Baba, Akira Goto, and Jun Suzuki. "Faculty Responses to University-Industry Policy Reforms." Technology Transfer Society, Annual Meeting, September 28-29, 2007.

- Walsh, John P., Charlene Cho, Wesley M. Cohen. "Roadblocks to accessing biomedical research tools: patents, commercial activity, or scientific competition?" International Schumpeter Society Annual Meeting, Sophia-Antipolis, France, 21-24 June 2006.
- Walsh, John P., Yoshihito Yasaki, Yasunori Baba, Akira Goto, and Jun Suzuki. "University-industry relations on the reform era: evidence from a survey of Japanese university faculty." International Schumpeter Society Annual Meeting, Sophia-Antipolis, France, 21-24 June 2006.
- \*Walsh, John P. "Research Tool Patents and Biomedical Research: Findings and Implications." Biotechnology Patents and Policy: What's the evidence?, May 26-27, 2006, Banff, Canada.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "Roadblocks to Accessing Biomedical Research Tools OECD Conference, "Research Use of Patented Inventions" Madrid, Spain, 18-19 May 2006.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "The View from the Bench: Patents, Material Transfers and Biomedical Research." University of Michigan Law School, Ann Arbor, MI, May, 2006.
- \*Walsh, John P., Yoshihito Yasaki, Yasunori Baba, Akira Goto, and Jun Suzuki. "The Entrepreneurial University in Japan: Faculty Responses to University-Industry Policy Reforms." University of Chicago Workshop on the Sociology and Cultures of Globalization. Chicago, May 2, 2006.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "The View from the Bench: Patents, Material Transfers and Biomedical Research." Intellectual Property Study Group, Graduate Research Institute for Policy Studies, Tokyo, August 8, 2005.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "The View from the Bench: Patents, Material Transfers and Biomedical Research." Advanced Economic Engineering, Research Center for Advanced Science and Technology, University of Tokyo, Tokyo, July 28, 2005.
- \*Walsh, John P., Charlene Cho and Wesley M. Cohen. "The View from the Bench: Patents, Material Transfers and Biomedical Research." Institute for Innovation Research, Hitotsubashi University. Kunitachi (Tokyo), July 11, 2005.
- \*Walsh, John P. "Research Tool Patents and Biomedical Research: Issues and Findings." Intellectual Property Association of Japan, Tokyo, May 28, 2005.
- \*Walsh, John P. "Research Tool Patents and Biomedical Research: Issues and Findings." Committee on Intellectual Property Rights, Innovation and Public Health, World Health Organization, Geneva, May 30-31, 2005.
- \*Walsh, John P. and Wesley M. Cohen. "The View from the Bench: the impact of patents and scientific competition on upstream biomedical research." Workshop on Research Tool Patenting and Academic Research, Hitotsubashi University. Tokyo, March 7, 2005.

- \*Walsh, John P. and Wesley M. Cohen. "The View from the Bench: the impact of patents and scientific competition on upstream biomedical research." National Academy of Sciences, Committee on Intellectual Property Rights in Genomic and Protein-Related Inventions. Washington, DC, February 11, 2005.
- \*Walsh, John P. "*Biomedikaru kenkyuu oyobi tokkyou: ronsou to kekka*" [Patents and biomedical research: Issues and Findings]. Advanced Inter-Disciplinary Seminar, Research Center in Advanced Science and Technology, University of Tokyo, Tokyo, December 9, 2004.
- \*Walsh, John P. "*Biomedikaru kenkyuu oyobi tokkyou: ronsou to kekka*" [Patents and biomedical research: Issues and Findings]. Invited speaker. International symposium "Building on Intellectual Property Systems: Are strengthening the system and technological innovation related?" Kogakuin University, Tokyo, November 24, 2004.
- Walsh, John P., Yoshihito Yasaki, Yasunori Baba, Jun Suzuki, Akira Goto. "*Toukyou Daigaku no Sangakurenkei: Atarashii Seisakukankyuu he no Daigakuyouin no Taiou.*" [Tokyo University's University-Industry Linkage: University faculties' responses to the new policy environment.] *Kenkyuu-gijutsu Keikaku Gakkai no Nenji Gakujutsu Daikai*, October 15-16, 2004, Tokyo, Japan.
- \*Walsh, John P. "Economic Development and the Academy." [Panel discussion.] AUTM Executive Forum, October 8-9, 2004, Couer d'Alene, ID.
- \*Walsh, John P. "Patents and Biomedical Research: Issues and Findings." Bioethical Issues of Intellectual Property Rights, September 6-7, 2004. Tokyo, Japan.
- Walsh, John P. and Wesley Cohen. "Does the golden goose travel?: A comparative analysis of the influence of public research on industrial R&D in the U.S. and Japan." American Sociological Association Annual Meeting, August 14-17, 2004 San Francisco.
- Walsh, John P. and Wei Hong. "For Money or Glory: Secrecy, Competition and Commercialization in Science." American Sociological Association Annual Meeting, August 14-17, 2004 San Francisco.
- Walsh, John P. and Wesley Cohen. "Does the golden goose travel?: A comparative analysis of the influence of public research on industrial R&D in the U.S. and Japan." International Schumpeter Society Annual Meeting, June 9-12, Milan, Italy.
- \*Walsh, John P., Wesley Cohen and Ashish Arora, "Patenting and Licensing of Research Tools and Biomedical Innovation: Where Do We Go from Here?" Intellectual Property Rights in Genomic and Protein Research and Innovation, National Academy of Sciences, Washington, DC, February 27-28, 2004
- \*Walsh, John P. and Wesley Cohen. "Does the golden goose travel?: A comparative analysis of the influence of public research on industrial R&D in the U.S. and Japan." NISTEP Research Seminar: "R&D Strategy and Science and Technology Policy", Tokyo, February 13, 2004.
- \*Walsh, John P. and Wesley Cohen. "Does the golden goose travel?: A comparative analysis of the influence of public research on industrial R&D in the U.S. and

- Japan.” Interdisciplinary Studies on Science, Technology and Medicine Seminar, University of Tokyo, Research Center for Advanced Science and Technology, December 15, 2003.
- Walsh, John P., Wesley Cohen and Ashish Arora. “Research tool patenting and licensing and biomedical innovation.” 2nd EPIP (European Policy for Intellectual Property) Workshop. Maastricht, November 24-25, 2003.
- \*Walsh, John P. and Nancy G. Maloney. “Problems in Scientific Collaboration: Does E-mail Hinder or Help?” Graduate School of Information Sociology, Yuan Ze University, Taiwan, November 14, 2003.
- Walsh, John P. and Wesley Cohen. “Does the golden goose travel?: A comparative analysis of the influence of public research on industrial R&D in the U.S. and Japan.” Third Annual Roundtable for Engineering Entrepreneurship Research. Georgia Institute of Technology, Atlanta, November 7-9, 2003.
- \*Walsh, John P., Wesley Cohen and Ashish Arora. “Effects of research tool patents and licensing on biomedical innovation.” OECD Conference on IPR, Innovation and Economic Performance. Paris, August 28-29, 2003.
- \*Cohen, Wesley M. and John P. Walsh. “Lessons from the Carnegie Mellon Survey.” National Academy of Sciences Workshop on Measurement of Research and Development. Washington, July 24-25, 2003.
- \*Walsh, John P. and Wesley M. Cohen. “The Influence of University Research on Industrial R&D: Comparing the U.S. and Japan.” Presented at “University-Industry Linkages: Beginning from an Empirical Foundation,” Research Center for Advanced Economic Engineering, University of Tokyo, June 30, 2003.
- \*Walsh, John P. “Doing empirical research on the uses of intellectual property.” Didactic seminar, University of Tasmania, School of Law, March 4, 2003. Hobart, Australia.
- Walsh, John P. and Nancy G. Maloney. “Problems in Scientific Collaboration: Does E-mail Hinder or Help?” American Association for the Advancement of Science Annual Meeting, Denver, CO, February 13-18, 2002.
- \*Walsh, John P., Wesley Cohen and Ashish Arora. “The implications of patenting and licensing of biomedical innovations and research tools for research institutions.” Ascension, October 16, 2002. Munich, Germany.
- \*Walsh, John P., Wesley Cohen and Ashish Arora. “Patenting and Licensing of Research Tools and Biomedical Innovation.” Institute for Intellectual Property Research, September 17, 2002, Tokyo, Japan.
- \*Walsh, John P., Wesley Cohen and Ashish Arora. “The Patenting and Licensing of Research Tools and Biomedical Innovation.” GLOCOM/GETI Emerging Technology Seminar Series, June 26, 2002. Tokyo, Japan.
- \*Walsh, John P., Wesley Cohen and Ashish Arora. “Patenting and Innovation in Pharmaceuticals and Related Biotech Industries.” University of Tokyo, Research Center for Advanced Economic Engineering, Departmental Seminar, June 1, 2002.

- \*Walsh, John P., Wesley Cohen and Ashish Arora. "The Patenting of Research Tools and Biomedical Innovation." University of Michigan, School of Information, Departmental Seminar, March 15, 2002.
- \*Walsh, John P., Wesley Cohen and Ashish Arora. "Patenting and Innovation in Pharmaceuticals and Related Biotech Industries." OECD Workshop on Genetic Inventions, Intellectual Property Rights and Licensing Practices, January 24-25, 2002, Berlin, Germany.
- \*Walsh, John P. "The Internet and Durkheim: Integration and Regulation in a Virtual Society." Academia Europaea Workshop, Virtuality II, 16-18 November 2001, Venice, Italy.
- \*Walsh, John P., Wesley Cohen and Ashish Arora. "Patenting and Innovation in Pharmaceuticals and Related Biotech Industries." National Academy of Sciences Board on Science, Technology and Economic Policy Conference on New Research on the Operation and Effects of the Patent System, October 22, 2001, Washington, DC.
- Cohen, Wesley M., Akira Goto, Akiya Nagata, Richard Nelson and John Walsh. "R&D Spillovers, Appropriability and Patenting: A Comparative Study of the Japanese and U.S. Manufacturing Sectors." American Sociological Association Annual Meeting, August, 2001, Anaheim, CA.
- Walsh, John P. and Nancy G. Maloney. "Computer Network Use, Collaboration Structures and Productivity." American Sociological Association Annual Meeting, August, 2001, Anaheim, CA.
- Cohen, Wesley M. and John P. Walsh. "R&D Information Flows, Appropriability and R&D Intensity." National Bureau of Economic Research Summer Institute, July 24, 2001.
- \*Cohen, Wesley M., Akira Goto, Akiya Nagata, Richard Nelson and John Walsh. "R&D Spillovers, Patents and Incentives to Innovate in Japan and the United States." Presented to Institute of Intellectual Property, February 13, 2001, Tokyo Japan.
- \*Cohen, Wesley M., Richard R. Nelson and John P. Walsh. "Survey Results on the Influence of University Research on Industrial R&D." Presented to METI, April 6, 2001, Tokyo, Japan.
- Walsh, John P. "Disciplinary Communication Practices with E-Media." American Association for the Advancement of Science annual meeting, Washington, DC, February, 2000.
- \*Walsh, John P. Invited colloquium: "R&D Spillovers, Patents and Incentives to Innovate in Japan and the United States." Purdue University, Department of Economics Seminar, W. Lafayette, IN, 1999.
- \*Walsh, John P. "Computer Networks and the Virtual College." Université Libre de Bruxelles, Research Group on Informatics in the Human Sciences [GRISH], Brussels, Belgium., 1999

Walsh, John P, Nancy Maloney, and Stephanie Kucker. "Gender Differences in Scientific Productivity: Paradox or No?" American Sociological Association Annual Meeting, Chicago, IL, August, 1999.

Walsh, John P. and Shaul Gabbay "Virtual Colleges: The Transformation of Scientific Work" European Association for the Study of Science and Technology annual meeting, Lisbon, Portugal, October, 1998.

\*Walsh, John P. "Computer Networks and the Virtual College", OECD Workshop, Global Research Village II, Sintra, Portugal, September, 1998.

\*Walsh, John P. "Computer Networks and the Virtual College."  
University of Michigan, School of Information Seminar, 1998.

Cohen, Wesley, Akira Goto, Akiya Nagata, Richard Nelson and John Walsh. "R&D Spillovers, Appropriability and Patenting: A Comparative Study of the Japanese and U.S. Manufacturing Sectors." National Bureau of Economic Research Summer Institute. Cambridge, MA, July, 1998.

\*Cohen, Wesley and John Walsh. "Development of a Framework for Evaluating the Private and Social Economic Returns to ATP Projects." The Economic Evaluation of Technological Change Workshop. Advanced Technology Program, National Institute of Standards and Technology. Washington, DC. June 15-16, 1998.

Walsh, John P. "Virtual Colleges: The Transformation of Scientific Work." American Association for the Advancement of Science annual meeting, Philadelphia, PA, Philadelphia, 1998.

\*Walsh, John P. "Telescience: The Effects of Computer Networks on Scientific Work." European Information Technology Conference (EITC '97), Brussels, Belgium, 1997.

\*Cohen, Wesley M., Richard R. Nelson and John P. Walsh. "Appropriability Conditions and Why Firms Patent and Why They Do Not in the American Manufacturing Sector." Presented at "New Indicators for the Knowledge-Based Economy," Organization for Economic Co-operation and Development (OECD). Paris, France, August, 1996.

\*Cohen, Wesley M., Richard R. Nelson and John P. Walsh. "Appropriability Conditions and Why Firms Patent and Why They Do Not in the American Manufacturing Sector." Presented at "Appropriability and Technological Opportunity in a Global Economy: Innovation Surveys in Japan, United States and Europe." Hosted by National Institute of Science and Technology Policy. Tokyo, Japan, February, 1996.

Walsh, John P. and Wesley Cohen. "Intra-Organizational Bridges in R&D Organizations" Presented at the American Sociological Association Annual Meeting. Washington, DC, August, 1995.

\*Walsh, John P. "Social Structure and Technology." Presented at Computing for the Social Sciences, 1994. College Park, MD, 1994.

- \*Walsh, John P. "Theories of Organizational Change Relevant to Health Care Administrators." (Invited seminar) W.K. Kellogg Foundation Community Partnerships: Leadership Development Program Meeting. Seattle, WA, September, 1993.
- Walsh, John P. and Shu-fen Tseng. "The Effects of Job Characteristics on Active Participation at Work." American Sociological Association Annual Meeting. Miami, FL, August, 1993.
- Walsh, John P. and Shu-fen Tseng. "Combining Qualitative and Quantitative Methods in a Research Project" Midwest Sociological Society Annual Meeting, Chicago, IL, April, 1993.
- Walsh, John P. "Computer Mediated Communication in Science." American Sociological Association Annual Meeting, Pittsburgh, PA, August, 1992.
- Walsh, John P. and Todd Bayma. "The Effects of Social Structure on Technology," Midwest Sociological Society Annual Meeting, Kansas City, MO, April, 1992.
- \*Walsh, John P. Invited seminar: "Industrial Sociology: Eighty Years of Management Theory and Practice." UIC China Management Program. Chicago, IL, 1992.
- Walsh, John P. "Computer Networks in Science." American Sociological Association Annual Meeting, Cincinnati, OH, August, 1991.
- \*Walsh, John P., Tom Finholt and Chuck Huff. Invited seminar "Tools for Assessing the Impact and Use of Computer Systems," with. Computers and the Quality of Life, 90. Washington, DC, 1990.
- \*Walsh, John P. "The Social Context of Technological Change." Department of Social and Decision Sciences Colloquium Series, Carnegie Mellon University, 1990.
- Walsh, John P. "The Social Context of Technological Change." American Sociological Association Annual Meeting, Washington, DC.. August, 1990.
- Walsh, John P. "Problems of Information Flow in Professional Bureaucracies," with A.C. Gordon, D. Thomson, and M. Maltz. Midwest Sociological Society Annual Meeting, St. Louis, MO, April, 1989.
- Walsh, John P. "Privatization of Public Space: The Case of the 'Public House'." Midwest Sociological Society Annual Meeting, St. Louis, MO, April, 1989.
- Walsh, John P. "Organizational Change and the Division of Labor: The Effects of 'Supermarketism' on the Organization of Work." Presented at the American Sociological Association Annual Meeting, Atlanta, GA, 1988.
- Walsh, John P. and Andrew C. Gordon. "Lucky Detectives: Organizational Redundancy as a Response to Uncertainty." Presented at the American Sociological Association Annual Meeting, Atlanta, GA, 1988.



\*Walsh, John P. "Technological Change and the Division of Labor: Management Theory and Shop Floor Practice" Sociology Colloquium Series, Purdue University, April, 1988.

Walsh, John P. "How Well Do Unions Do it?: Monopoly and Voice in a Two-Tiered Union." Presented at the Midwest Sociological Society Annual Meeting, Minneapolis, MN, 1988.

\*Walsh, John P. "The Effects of New Technology on Information Impactedness: The Case of Police Detectives." Presented at the Criminal Justice Forum, Chicago, IL, January, 1988.

Walsh, John P. "Skill and Deskilling in Retail Meat." Presented at the American Sociological Association Annual Meeting, Chicago, IL, 1987.

Walsh, John P. "The Internationalization of Capital." Presented at the Midwest Sociological Society Annual Meetings, Des Moines, IA, 1986.

#### RECENT PROFESSIONAL SERVICE

Editorial Board, Journal of Engineering and Technology Management, 2003-present.

Ad Hoc reviewer for a variety of sociology, management, and science and technology policy journals and funding agencies, including *Science*, *Nature*, *Research Policy*, *American Sociological Review*, *American Journal of Sociology*, *Sociological Quarterly*, National Science Foundation, European Commission, Economic and Social Research Council, UK

#### *Expert Workshops (see also Recent Presentations)*

Symposium on Knowledge Environments for Science and Engineering: Past, Present and Future (SKESE) November 25-26, 2002, National Science Foundation, Arlington, Virginia [Invited to participate in an expert workshop to produce an agenda setting white paper to guide NSF funding priorities related to Information Technology.]

Science of Collaboratories: Comparative Investigation of Collaboration. University of Michigan, School of Information, September 25-27, 2002. [Invited to participate in an expert workshop to address the issues of comparisons across different forms of scientific and technical collaboration using cutting edge information technology tools.]

Science of Collaboratories: The Social Underpinnings of Collaboration. University of Michigan, School of Information, June 4, 2001. [Invited to participate in an expert workshop to address the issues of how to study new forms of scientific collaboration.]