

Ari B. Goelman, Ph.D.: Curriculum Vitae

July, 2008

University Education

Ph.D. in Urban Studies (2005), Department of Urban Studies and Planning, Massachusetts Institute of Technology.

M.Sc. in Planning (1999), School of Community and Regional Planning, University of British Columbia.

B.A. in Economics (1995), Department of Economics, New College of Florida.

Dissertation Title:

A Spatial Structuring Approach to IT Use and Workplace Change (Defended June, 2005)

Research Interests:

- Communication technologies, organizational change and the space of work;
 - ICTs in health care and the medical work force;
- Communication technologies and society;
- Communication technologies, social networks and political mobilization.

Academic Awards:

Honorable Mention, Outstanding Dissertation in Urban Studies and Planning, MIT (2006)

First Prize, Sloan Industries Studies Dissertation Award (2005)

Industrial Performance Center Doctoral Fellow, Massachusetts Institute of Technology (2004-5)

Presidential Graduate Fellow, Massachusetts Institute of Technology (2001-2002)

University Graduate Fellowship, University of British Columbia (1998-1999)

Severnian Scholarship in Community & Regional Planning, UBC (1999)

Grant from the Consortium in Sustainable Community Development & Planning, UBC (1998)

Vancouver Real Estate Foundation Research Grant, UBC (1998)

Publications:

Goelman Ari. "Changing Work's Boundaries: Information Technology and the Extension of Radiology Work in Time and Space." Forthcoming in *The Journal of Architectural and Planning Research*.

Goelman, Ari. 2005. "Technology in Context: Mediating Factors in the Utilization of Planning Technologies." *Environment and Planning A*. 37(5): 895-907.

Goelman, Ari. 2005. "Spatial Structuring at Work: Comparing Physician Use of Computer Mediated Communication." Cambridge: MIT Workplace Center, Working Paper.

Goelman, Ari. 2003. "The Process of Changing Process: Planning Technologies and Variance Review." *Plan Canada* 43(4): 28-30.

Goelman, Ari. 2004. Joint book review of *Wired to the World: Chained to the Home* and *The Co-Workplace: Teleworking in the Neighborhood*. *Journal of the American Planning Association*. Winter.

Levy, Frank and Ari Goelman. 2006. "Offshoring and Radiology." in *Offshoring of White Collar Work: Issues and Implications*, edited by Lael Brainard and Susan Collins. Washington D.C.: Brookings Institute.

Levy, Frank, Ari Goelman and Kyoung-Hee Yu. 2006. "Well, Dr. Pradip, Does the Patient Need Back Surgery?: Radiology as a Case Study in Sending Skilled Jobs Offshore." *Milken Institute Review*.

Under Review:

Goelman, Ari. 2007. "Telework That Works: Teleradiology and the Emergence of Nighthawk Radiology Firms." New York: Sloan Industry Studies Working Paper, Number WP-2007-18. Under review at *The Journal of Computer Mediated Communication*.

Recent Conference Papers and Presentations:

Facing Up To Facebook: The Real Consequences of Virtual Communities. Technological Hip Speaker Series. January, 2008; Burnaby, BC.

Telework that Works. Sloan Foundation Industry Studies. April, 2007; Cambridge, MA.

Changing Work's Boundaries. Work Without Boundaries: Information Technology and the Extension of Radiology Work in Time and Space. Work Beyond Boundaries. June, 2006; Vancouver.

A Spatial Structuring Approach to Organizational Change. American Sociological Association. August 2005; Philadelphia.

What's Space Got To Do With It? Information Technology, Power and Medical Work. Association of Collegiate Schools of Planning. October 2004; Portland.

The Cure for What Ails You? Urban Affairs Association. April 2004; Washington D.C.

Information Technology and the Changing Work of Urban Health Care Professionals. Urban Affairs Association. April 2004; Washington D.C.

The Northtown Planning Compass: Finding our way around a new planning technology. Canadian Institute of Planners. July, 2003; Halifax, NS.

Starting the Town Meeting Early: the potential of digital technologies to augment town meetings. Computer Professionals for Social Responsibility. May, 2002; Seattle, WA.

Research Experience:

- June 2007-
Present **'A Map With Wheels'** (Research Faculty, BCIT)
Evaluates the use of a collaborative virtual map to facilitate social connections, changes in mobility patterns and encourage political action among a community of cyclists. Data collection planned to begin October, 2008.
Funding and Support Agencies: Western Economic Diversification Canada, BCIT TEK Initiative
- March, 2007-
Present **E-health Evaluation** (Research Faculty, BCIT)
Leads a team of researchers, working with health care professionals and local IT vendors to conduct organizational and usability analyses

of electronic medical records. Data collection includes interviews, surveys and simulation research.

Funding and Support Agencies: National Research Council Canada, Industrial Research Assistance Program

September, 2005-
August, 2006

Teleradiology, Organizational Change and Work-Family Balance
(Postdoctoral Associate, MIT)

Investigated the use of communication technologies in enabling additional workforce flexibility, particularly examining consequences in terms of work-family balance. Conducted interviews, site visits, regression analyses.

Funding and Support Agency: MIT Sloan Workplace Center

September, 2005-
August, 2006

Health Care Policy, Technology and Workforce Outcomes
(Postdoctoral Associate, MIT)

Worked with multi-disciplinary team to initiate cross-national study of use of medical and information technologies. Conducted interviews of U.S. and Canadian radiologists and other health care professionals.

Funding and Support Agency: Department of Urban Studies

January, 2003-
May, 2005

Communication Technology and Organizational Change in Health Care (Doctoral Candidate, Dissertation Research, MIT)

Researched use of communication technologies in the healthcare workplace, exploring and contrasting the use by radiologists and outpatient physicians. Evaluated electronic medical records (EMRs) and teleradiology applications in multiple sites. Mixed method analysis, including interviews of doctors, administrators and support staff; focus groups; site visits; survey research; and regression analysis.

Funding and Support Agencies: MIT Industrial Performance Center, MIT Department of Urban Studies and Planning, Sloan Foundation

September, 2001-
May, 2002

E-neighbors Research Project (Research Assistant, MIT)

Aided Professor Keith Hampton in research design; finding a suitable study area; writing survey questions; supervising undergraduate research team in formatting and distributing survey questions. Provided assistance in writing successful grant proposal to the National Science Foundation.

Funding and Support: National Science Foundation, MIT Department of Urban Studies and Planning

Teaching Experience:

- September, 2008- **Sessional Instructor**, Urban Research Methods (Simon Fraser University, BC).
Teaching graduate course on urban research methods. Course will introduce a range of quantitative and qualitative approaches to social inquiry, providing students with hands-on experience in using these methods.
- January, 2007-
Present **Sessional Instructor**, The City and the Computer: Community, Surveillance and Urban Change (Simon Fraser University, BC).
Taught upper level communications undergraduate course covering topics on information and communication technologies and urban / community change.
- Fall Term, 2003
Fall Term, 2002 **Instructor**, Introduction to Economics for Planners & Planning Economics (MIT)
Planned and taught sectionals for urban planning masters students in core economic classes; aided Professor Frank Levy in writing and grading problem sets and exams; held weekly office hours.
- Fall Term, 1994
Fall Term, 1992 **Teaching Assistant**, Introduction to Economics (New College of FL)
Planned and taught sectionals for undergraduate economic students at the New College of Florida. Sarasota, FL.

Other Professional Experience:

- June, 1999-
April, 2000 **Planning Assistant**, City of Vancouver (CityPlans Division)
Financing Growth Review: researched & wrote background papers, contributed to policy discussions, constructed criteriae for municipal finance.

Contact Information:

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