

FRANCISCA M. ROJAS

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EDUCATION

Massachusetts Institute of Technology Cambridge, MA
Department of Urban Studies and Planning, City Design and Development program
PhD Candidate, 2005-present.
Master in City Planning, June 2000. Thesis: *Cyberpunk Visions of the Future City*

University of Michigan Ann Arbor, MI
The Residential College. Bachelor of Science in Social Science with a concentration in Urban Studies, May 1998.

Universidad Católica de Chile Santiago, Chile
Foreign exchange student. Coursework in the Department of Architecture (1996 –1997)

FELLOWSHIPS & AWARDS

MIT Presidential Fellowship (2005-2006), Urban Design Certificate (2000), MCP Full Tuition Award (1998-2000)

RESEARCH INTERESTS

Research focuses on relationship between information and communications technologies (ICTs) and urban development. Interests include ICTs and globalization; Digital Media City development projects; networked technologies and public spaces; open source participatory processes; and security design.

RESEARCH EXPERIENCE

Digital Mile Research Workshop: Zaragoza, Spain, MIT DUSP & Media Lab. 2005
The Open Source City, in conjunction with the Zaragoza Digital Mile. 2006.
New Century Cities case studies, MIT DUSP & Center for Real Estate. 2006-2008.
Real Time Rome, MIT SENSEeable City Lab for the 10th International Architecture Exposition, La Biennale di Venezia. <http://senseable.mit.edu/realtimerome/>. 2006.
Metro 2.0, MIT Design Lab with Paris RATP. <http://mobile.mit.edu/~metro/>. 2007.
New York Talk Exchange, MIT SENSEeable City Lab for Museum of Modern Art exhibit "Design and the Elastic Mind." <http://senseable.mit.edu/nyte>. 2008.

TEACHING EXPERIENCE

MIT, Department of Urban Studies and Planning Cambridge, MA
Introduction to Urban Design and Development, Instructor with Dennis Frenchman.
Lectures on Urban Nature and Security Design. Lead recitations, assist students individually with assignments, grade assignments. (Fall 2005, 2006, 2007)
Crisis Cities Symposium, Teaching Assistant.
Prepared teaching materials and assisted instructor on logistics. (Spring 1999)

Universidad Católica de Chile, Dept. of Architecture Santiago, Chile
Urbanism III, Instructor with Alejandro Gutierrez.
Instructed lecture on globalization and urban development. Assisted students with questions and needs in the advanced study of urbanism. (March – August 2001)

PUBLICATIONS

"Zaragoza's Digital Mile: Placemaking in a new public realm," with Dennis Frenchman, *Places*, 18.2, special issue on Media and the City.
"Real Time Rome," with Francesco Calabrese, Filippo Dal Fiore, Sriram Krishnan, Carlo Ratti for Holcim Foundation Conference proceedings, 2007.
"Virtues of the Virtual: New Directions for Urban Design," *Projections*, vol.2, Spring 2001.

PRESENTATIONS “Understanding Urban Hotspots: Wireless networks and public spaces in Lower Manhattan.”
47th Annual Conference of the Association of Collegiate Schools of Planning, Fort Worth, TX.
November, 2006.
“The Anacostia Waterfront Initiative and Transit-Oriented Development.” Railvolution
Conference in Atlanta, GA. September, 2003.

ACADEMIC SERVICE MIT DUSP PhD Committee, 2005-present.
Kevin Lynch Award Committee, 2007
MIT DUSP Student Council, 2006
MIT Graduate Resident Tutor, Spanish House (New House dorm), 2006 - present
Managing Editor for *Projections*, the MIT Student Journal of Planning, v.I, 1999-2000.

LANGUAGES Fluent in Spanish and proficient in French.

PROFESSIONAL EXPERIENCE **American Institute of Architects** Washington D.C.
Program Manager, Center for Communities by Design, June 2004 – August 2005.
Responsible for research and development of resources on livable communities. Coordinated the
AIA’s Disaster Assistance program.

District of Columbia Office of Planning Washington D.C.
Project Planner, Anacostia Waterfront Initiative (AWI), February 2002 – June 2004.
Involved in coordination for planning and implementation of AWI. Prepared project materials and
presentations on environmental, transportation, cultural, housing and open space issues in AWI.
Participated in writing and production of the award-winning AWI Framework Plan, six Target
Area Plans, and other promotional materials.

Chilean Ministry of Housing and Urbanism Santiago, Chile
Member, team of advisors to Minister, August 2000 – April 2001.
Advised Minister on housing and urban development policy. Activities included managing a
working group to update the national urban development and housing policies, and briefings on
institutional reform and information technology and cities.

ALTA Planning and Design San Rafael, CA
Intern, June – August 2000.
Participated in research for bicycle and pedestrian transportation plans in the West Coast.

PACT ARIM 93 Paris, France
Intern, May – August 1999.
Assisted in the social and economic assessment of affordable housing redevelopment projects in
the multi-ethnic neighborhoods of Seine-St.Denis.

REFERENCES Professor Dennis Frenchman Uwe Brandes
Director, City Design and Development Urban Land Institute, Research
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