

# Polina S. Bakhteiarov

185 Beacon St, Apt 2, Somerville, MA 02143 | (617) 794-9472 | [psb2010@mit.edu](mailto:psb2010@mit.edu)

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## EDUCATION

Massachusetts Institute of Technology, Cambridge, MA

*Bachelor of Science in Planning*, June 2010

*Candidate for Bachelor of Science in Civil Engineering*, June 2011

*Candidate for Master in City Planning*, June 2011

Minor in Applied International Studies in Latin America

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## WORK EXPERIENCE

U.S. Army Corps of Engineers, Engineer Research and Development Center, Concord, MA

June 2010-August 2010

*Risk and Decision Sciences Intern*

Designed a cumulative, state-wide environmental impact assessment for non-permitted projects in Connecticut, developed performance metrics for ecosystem restoration, examined and reported on environmental enhancements for navigation infrastructure, and performed a needs assessment for mitigating the effects of climate change on military installations. Tasks included assisting the principal investigators in developing models, supporting environmental modeling research, reviewing literature and preparing research summaries, preparing papers and reports, maintaining accurate data records, and helping in calculations. Research aims to improve environmental decision-making and risk assessment practices and to inform environmental benefits analysis.

Urban Habitat Initiatives, Boston, MA

January 2010

*Sustainable Technologies Research Intern*

Collaborated with architects, LEED consultants, and a community developer to enhance a multi-family mixed-use building with sustainable technologies. Researched options for a green roof, underground rainwater cistern, and solar thermal panels. Results were presented to the developer and were used to identify appropriate and affordable manufacturers for the construction stage of the project.

Federal Secretariat of the Environment and Natural Resources, Mexico City, Federal District, Mexico

June 2009-August 2009

National Institute of Ecology, Department of Land Use Planning and Ecosystem Conservation Research

*Sustainable Development Research Intern*

Worked as part of an inter-disciplinary team to prepare ecological ordinances to control future development in the Maria Islands of Mexico, an internationally protected biological reserve and federal penal colony. Investigated strategies for sustainable development, including green construction, renewable energy solutions for the home, and non-contaminating agricultural techniques. Generated action items for development for the Federal Secretariat of Public Safety. Produced a sustainable housing and agricultural plan to accommodate projected increases in island population.

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## LEADERSHIP

MIT Career Fair 2008, Cambridge, MA

April 2008-September 2008

*Director*

Served as logistics head for the day of the annual MIT Career Fair, hosting 318 companies and more than 1200 professional recruiters, serving over 5,000 undergraduate and graduate students. Responsibilities included management of a \$180,000 budget, contract negotiations for exhibition and catering services, space layout, logistics, shipping and transportation planning, and volunteer management.

MIT Latino Cultural Center, Cambridge, MA

September 2006-present

*Co-Social Chair (2006-2007), Latino Heritage Month ("Mes Latino") Co-Chair (2007-2008), Faculty/Academic Chair (2008-2009), Co-President (2009-2010), Graduate Assistant (2010-2011)*

As Co-President, revised and updated the organization's constitution, managed the redesign of the organization's website, initiated space renovations with library and storage space reorganization, computer replacements, more efficient group office allocations, additional advertising space, and lounge remodeling, and streamlined the organization's governance structure by establishing a fixed meeting schedule and incorporating student leaders other than group presidents, co-chairs, and vice presidents in event planning, decision-making, and leadership development.

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## SKILLS

**Computer:** Windows operating systems, Microsoft Office, Java, MATLAB, ArcGIS

**Languages:** Native Russian speaker, fluent in English, proficient in Spanish

**Communication:** strong written and oral communication skills, extensive experience with leadership, teamwork, and task delegation

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## RECOGNITION

*MIT Albert G. Hill Prize (2010)* for maintaining high academic standards and making continued contributions to the improvement of the quality of life for minorities at MIT

*Xerox Hispanic College Liaison Program Scholarship (2009-2010, 2010-2011)* for most improved GPA and for extraordinary academic performance and exceptional service to the MIT Chapter of the Society of Hispanic Professional Engineers

*Distinguished Emerging Leader* for the 2009 Womensphere Emerging Leaders Global Summit

*AmeriCorps Student Leader in Service (2008)* for successful completion of 300 hours of public service over a period of six months