

# Miguel A. Paredes Sadler

## EDUCATION

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May 2009	Massachusetts Institute of Technology	Cambridge, MA
	<b>Master's in International Development</b> - Program that focuses on developing countries and the problems that they face, concentrating on the institutional actors and the projects and programs that these actors put in place to fight poverty.	
	<b>Master's of Science in Technology and Policy</b> - Program that focuses on the design of policies, programs, and projects that have a strong technological component and that address private and social problems.	
July 2004	Universidad de Lima	Lima, Perú
	Bachelor of Science in Systems Engineering GPA: 4.0/4.0, 2 <sup>nd</sup> place in the graduating class.	

## RELEVANT GRADUATE COURSES

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### **Project Appraisal and Planning for Developing Countries -**

Evaluation and Appraisal of Development Projects from the World Bank, Inter-American Development Bank, USAID, and Non-profit organizations using Cost-Benefit Analysis (CBA)

### **Analyzing Projects and Organizations -**

Analysis of organizational behavior and project implementation in developing countries

### **Microeconomics for Public Policy -**

Application of microeconomic principles to the public sector and analysis of the economic aspects of development programs.

### **Lawrence Practicum -**

Client-based course working for the city of Lawrence, Massachusetts' Housing and Economic Development office. Evaluation of current housing policies and programs and job generating activities in a predominantly US Hispanic city

### **Institutional Processes and Planning in Developing Countries -**

Analysis of institutional arrangements and processes that influence the development process of developing nations

### **Technology and Economic Development -**

Application of technology as a way to foster economic development in developing countries

### **Water and Sanitation Infrastructure in Developing Countries -**

Analysis and evaluation of water and sanitation technologies, programs, projects and policies in developing countries

## RELEVANT WORK EXPERIENCE

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Sep. 2006 -	<b>Researcher Assistant, Massachusetts Institute of Technology</b>	Lima, Perú &	Cambridge, US
	Current Engineering Systems Division and Department of Urban Studies and Planning		
	<ul style="list-style-type: none"><li>• Research on Telecommunications and Economic Development in Rural Peru</li><li>• Evaluation of Rural Telecommunications Development Projects (FITEL program)</li><li>• Conducted fieldwork research in rural communities in Peru on rural telephone usage and socioeconomic impacts</li></ul>		

Feb 2008 - **Teaching Assistant, Massachusetts Institute of Technology** Cambridge, US  
May 2008 Water and Sanitation Infrastructure in Developing Countries Course  
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Lead/support class discussions and teaching  
Design and grade evaluations (midterm, policy papers, quizzes)

May. 2007 - **Visiting Researcher, Centro de Investigación de Economía USMP** Lima, Perú  
Aug. 2007 Economics Research Institute

- Research on Telecommunications and Economic Development in Rural Peru
- Participated in a World Bank State Reform Project Evaluation
- Conducted fieldwork research on property rights in shanty towns and slums in Peru

July 2004- **Miami, Caribbean, and Latin America Intranet Webmaster, American Airlines** Lima, Perú  
April 2006 American Airlines' MCLA Division

- Automated American Airlines' MCLA (Miami, Caribbean and Latin America) corporate processes
- Designed and implemented Web Projects to support the Sales, Reservation and Ticket Sales Counter operations
- Maintained the Intranet to ensure employees could carry out their duties and had updated Information

#### **LEADERSHIP/SERVICE**

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August 1998 - **Volunteer Church Youth Leader. Junior High and Senior High Youth Group** Lima, Perú  
August 2005 Christian Missionary Alliance Church

- Developed and ran a youth development plan for teenagers
- Led a group of 7 volunteers in organizing and conducting Friday night activities for 30-50 teenagers
- Organized Junior High and Senior High summer and winter camps at diverse locations in Perú such as the beach, the woods, and out in the field

July 2005 **Team Leader. Holiday Trip to Orphanages in the Mountains of Perú** Huancayo, Perú

- Led a group of 12 professionals, all of whom participated in a comprehensive assistance program at two orphanages in Huancayo where kids received dental treatment, saw a clown presentation, played games, and receive donations such as clothes and toys
- Managed the logistics of the trip such as purchasing the bus tickets, securing housing, ensuring safety, and providing recreational and sightseeing opportunities

July 2003 **Team Member. Trip to an Indigenous Shipibo Community in Peru's Jungle** Pucallpa, Perú  
Local Church Youth Group

- Traveled to the Jungle of Perú along with 15 young people in order to take food, clothes, and medical donations to a remote native Shipibo community in the Jungle of Perú
- Participated in learning experiences of the Shipibo culture by living among them for a week and adapting to their way of life

Jan. 2001- **Volunteer. Good News Club** Los Angeles, CA  
March 2001 Christian outreach program to Hispanic inner city kids

- Helped students with their homework
- Provided at risk Hispanic teenagers with support and guidance
- Engaged teenagers in discussions about various difficult issues they were facing and struggling with such as drug abuse, gang violence, school problems, etc.
- Collaborated with the Good News Club director to set up a Computer Lab for the after-school club

#### **SCHOLARSHIPS, HONORS & AWARDS**

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April 2007 Sponsored by the National Academy of Sciences to travel to Germany  
for an International Young Scientist Conference on Science and Technology Lindau, Germany

October 2006 National Academy of Sciences and Pugwash Travel Conference Fellowship  
2006-2008 Massachusetts Institute of Technology Graduate Tuition Fellowship  
2006-2008 Massachusetts Institute of Technology, TPP Full Stipend Fellowship  
2006 World Bank International Essay Competition, Honorable Mention Award  
2006 National Science Foundation, Honorable Mention Award  
1999-2004 Universidad de Lima Partial Tuition Scholarship

Washington, DC  
Cambridge, MA  
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Washington, DC  
Arlington, VA  
Lima, Perú