

Rebecca J. Heywood
rheywood@mit.edu - (720)878-5664
355 Massachusetts Avenue, Cambridge, MA 02139

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA *June 2012*
Candidate for Bachelor of Science in Civil Engineering
Concentration in Urban Studies and Planning
Relevant Coursework: Urban Transportation Planning, Engineering Management, Mechanics of Soil and Structures, Engineering Mechanics, Statistics and Probability
GPA: 4.7/5.0

LEADERSHIP AND EXPERIENCE

Engineers without Borders, Cambridge, MA
President *June 2009- Present*

- Oversee 40 people on water, energy and fund-raising teams of Engineers Without Borders at MIT
- Communicate and coordinate with other student groups and offices at MIT to facilitate on campus collaboration and funding
- Contact and communicate with corporate donors to raise \$40,000 per project
- Increased chapter membership from seven to 40 people

Water Team Project Lead and Founding member *December 2008- August 2009*

- Led and organized eight-person team working on sustainable water technology and sanitation for Ddegeya, Uganda
- Traveled to Uganda for initial assessment trip in order to conduct water tests and surveys on eight water sources, hold a community meeting with 70 attendants and meet with 25 households

MIT Admissions Office, Cambridge, MA
Admissions Blogger *August 2010-Present*

- Write twice monthly posts on various aspects of MIT life for daily readership of 7,000

Office Assistant *September 2009-Present*

- File and assemble admissions materials for freshman applicants to MIT

Institute of Engineering, National Autonomous University of Mexico, Mexico City, Mexico *May – August 2010*
Student Researcher

- Developed a model to assess the relative vulnerability of different neighborhoods in Mexico City to waterborne disease
- Collaborated to develop a community survey on water usage and health issues to be implemented in one neighborhood

Energy, Water and the Environment Field Course, São Paulo, Brazil *January 2010*
Participant

- 3- week collaborative field course with students from MIT, Harvard and Universidade de São Paulo
- Learned about hydropower, urban water, fossil fuels and biofuels from industry leaders and government officials
- Presented to industry representatives and professors on future of biofuels in the United States and Brazil

AFS Youth Exchange, Czech Republic *August 2006-July 2007*

- Participated in a 10-month exchange program that involved living with local families and attending a local high school
- Gained conversational fluency in Czech

ACTIVITIES

MIT Women's Varsity Openweight Crew *August 2008- Present*
Engineers without Borders *September 2008-Present*

SKILLS

Languages: Conversationally fluent in German, Czech and Spanish
Computer: Microsoft Office Programs, experience with MATLAB, SolidWorks, SketchUp, AutoCAD, EPAnet

HONORS AND AWARDS

Robert C. Byrd Scholarship, Thomas J. Watson Memorial Scholarship, National Merit Finalist, AP Scholar with Distinction, Member of Mensa Czech Republic, MIT Public Service Center Grant, MIT Kelly-Douglas Traveling Fellowship, CRCA Student Athlete, Patriot League Academic Honor Roll