

Carly Ann Narlesky

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Education:

Massachusetts Institute of Technology

Candidate for Bachelor of Science in Environmental Engineering

Cambridge, MA

June 2011

Relevant Coursework: Engineering Mechanics I & II (Solids and Fluids), Ecology I & II,
Differential Equations, Engineering Design Lab; GPA: 4.6 /5.0

Design Experience:

Massachusetts Institute of Technology

Cambridge, MA

Team Member, *Department of Civil and Environmental Engineering*

Spring 2009

- Developed an inductive bicycle generator that charges a cell phone both in a mobile and stationary setting. Led the design of the rectifying circuit.
- Team is currently seeking a patent for our three-phase coil design which smoothes peaky voltage inputs.

Team Member, *Department of Civil and Environmental Engineering*

Fall 2008

- Redesigned Allston, MA in a cross-disciplinary project emphasizing a modern urban center.
- Led the design, fabrication and installation of electronics for the project.

Team Member, *Department of Mechanical Engineering, Toy Product Design*

Spring 2008

- Designed competitive construction game involving magnetic building rods and shake table.
- Headed design for geared potentiometer that coupled with our eccentric mass shaker to simulate earthquake of increasing intensity.
- Final toy product "Seismic Survival" displayed in the Lowell Children's Museum and the MIT Museum.

Experience in Education:

Massachusetts Institute of Technology

Cambridge, MA

Co-Teacher, *MIT Experimental Studies Program: Delve Advanced Placement Preparatory Courses*

Sept. 2008 to May 2009

Developed and co-taught Advanced Placement Biology curriculum to class of 17 students.

Girl Scouts of Tierra del Oro Council:

Sacramento, CA

Girl Scout Gold Award

Spring 2007

- Wrote guide for elementary school teachers to teach environmental education.
- Guide includes: lesson plans, activities, games, descriptions of local nature areas and a collection of materials to begin implementation of the program.
- Delivered supplies to the Girl Scout Council office and several local schools.

Experience/Skills:

Familiar with KeyCreator CAD program.

Proficient in Spanish.

Leadership Experience:

Massachusetts Institute of Technology

Cambridge, MA

MIT Women's Rugby: Recruitment and Fundraising Co-Chair

Mar 2009 to present

- Solicited donations from area companies.
- Composed letter of request for funding from potential sponsors.

East Campus Dorm Government Representative

Jan. 2009 to present

- Represents 40 students in the dorm government.
- Responsible for coordinating allocation of the \$1300 budget and implementation of activities selected by the hall.

Tierra del Oro Girl Scout Council

Sacramento, CA

Volunteer and Participant

1995 to present

Pacific Redwoods Family Camp

Aptos, CA

Camp Planning Committee Secretary

Sept. 2005 to Aug. 2007