

Elizabeth Lehman

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2451 Tremont Ave. Down, Cleveland, Ohio 44113

Education:

Case Western Reserve University

Cleveland, Ohio

Bachelor of Science in Chemical Engineering; May 2013

Minor in Environmental Studies

Provost's Special Scholarship

Work Experience:

Swagelok Company

Solon, Ohio

Manufacturing engineer; June 2013 – present

- Provide engineering support for silver plating and metal finishing processing plant
- Facilitate timelines and determine manufacturing set-ups for processing prototype parts
- Project leader, including capital purchasing and implementation of new equipment

General Electric Home and Business Solutions

Cleveland, Ohio

Technical Co-Op – Systems; May 2011 – August 2011

- Designed and ran ANSI cold temperature tests on fluorescent lamps, updated fluorescent lamp monograms
- Organized several professional development events connecting co-ops with business leaders

Technical Co-Op – New Product Introduction (August 2010 – December 2010)

- Managed color and voltage tests for the redesign of the ceramic metal halide 39-watt lamp
- Analyzed new product performance data used to support an improved, more efficient product

OMNOVA Solutions Inc.

Mogadore, Ohio

Pilot Plant Co-Op; May 2010 – August 2010/January 2011 – May 2011

- Scheduled and ran analytical tests on pilot emulsion polymerization plant products
- Managed and redesigned latex warehouse storage

Case Western Reserve University Department of Physics

Cleveland, Ohio

Departmental assistant; August 2008 – December 2011

- Gained organizational skills and flexibility while assisting faculty and staff in the department
- Improved time management by maintaining full course load while working part time

Ernie's Bicycle Shop and Blue Heron Deli

Massillon, Ohio

Salesperson, bicycle technician, and server; summers 2004 – 2009, 2012

- Created and maintained quality relationships with shop customers while serving in retail and food service
- Obtained hands-on technical experience and mechanical skills with bicycle service and repair

Leadership Experience:

Cleveland Disc Association

Executive Director; Winter 2013 – present

- Facilitate organizational meetings, oversee officers and event coordinators

Secretary; Fall 2011 – Winter 2013

- Create quarterly newsletter to distribute among Cleveland's ultimate community of ~400 people

Alpha Phi Fraternity

Chapter Advisor; Spring 2013 – Spring 2014

- Advised current members on campus affairs and events; served as liaison between local chapter and the international organization

Director of Finance; Fall 2009 – Fall 2010; Member; Spring 2009 – Spring 2012

- Developed and maintained chapter budget of approximately \$30,000
- Held responsibility for collecting and recording due payments, creating payment plans for members, and allocating disbursements

American Institute of Chemical Engineers (AIChE) at CWRU

Treasurer; Fall 2010 – Spring 2011, Spring 2012 – Spring 2013

- Financially responsible for AIChE events, which network students with peers, faculty, and industry leaders

Case Western Reserve Women's Ultimate Frisbee team

Captain; Fall 2010 – Spring 2012, Member; Fall 2008 – Spring 2013

- Planned weekly practices throughout school year, taught ultimate while building a close-knit and friendly team environment

Women In Science and Engineering Roundtable

Peer Mentor and Professional Mentee; Fall 2011 – Spring 2012

- Advised a freshmen engineering student regarding academics, extracurriculars, and campus life

Engineers Without Borders

Member; Fall 2008 – Fall 2010

- Designed an efficient wind turbine-powered irrigation system at the Squire Valleevue farm
- Worked with campus facilities to develop water routing system for University Hospitals to recycle condensate from cooling tanks