

Lauren Kazmierski

3301 Albany Drive
Rochester Hills, MI 48306

Phone: (248) 752-3432
E-mail: lkazmier@gmail.com

Education

Massachusetts Institute of Technology *Cambridge, MA* GPA: 4.2 June 2012

Bachelor of Science in Chemical-Biological Engineering with a minor in Biology

Computer Skills: Matlab, Aspen, SuperPro Designer, Microsoft Office, Microsoft Excel

Key Strengths: Analytical, problem solver, strategic thinker, team player

Experience

Phone Receptionist *Medical Office of Dr. Robert Hasbany* Dec 2006 – June 2007

- Greeted patients and signed-in patients
- Scheduled patient appointments
- Answered patient phone calls
- Called patients for appointment reminders
- Filed all medical records
- Faxed patient information to other medical professionals

Harvest Wine Intern *Far Niente Winery, Napa, CA* Aug 2014 – Nov 2014

- Worked directly with the cellar master and winemaker to sort and crush grapes and assist with operating all machinery involved in the process
- Assisted the enologist with various tasks, including vineyard sampling to monitor grape maturity
- Performed yeast inoculations and nutrient, sulfur, and yeast additions according to sample analysis

Sr. Producer *Human Care Systems, Boston, MA* May 2013 – Aug 2014

- Worked directly with pharmaceutical and medical device clients to drive the production of patient and clinic support programs that improve ROI for the client's products and manage adverse events for patients
- Partnered with psychologists to create and develop patient and clinic friendly content for brochures, websites, and guidebooks
- Collected and analyzed program metrics to share with client
- Managed and coordinated all internal team activities to meet deadlines
- Worked with team to create an innovative product unique to each client's needs
- Created and delivered presentations to client around progress and product development
- Performed statistical analysis on patient data to understand impact of programs

Research Associate *Boston Biomedical, Inc., Cambridge, MA* Dec 2012 – May 2013

- Consulted with research experts and read several journal articles to find most effective techniques and materials needed for the success of the research project
- Determined viability of endothelial progenitor cells (EPCs) seeded on gel foam to determine the regenerative capabilities of EPCs

Biogen Idec Intern *Cambridge, MA* May 2012 – Aug 2012

- Gave presentations at team meetings regarding research progress
- Developed a cellular assay with the ROR γ t+ γ δ T cells to determine the effect of ROR γ t small molecule antagonists on the ROR γ t regulated biology of γ δ T cells

Integrated Chemical Engineering Student *Cambridge, MA* Oct 2011 – Dec 2011

- Worked with a team to design product and determine market projections for the product
- Redesigned the OmniPod, an insulin management system, to give more longevity to a less obtrusive device

Biological Engineering Projects Laboratory Student *Maheshri Lab at MIT, Cambridge, MA* Feb 2012 – May 2012

- Developed higher-throughput methods of performing fluctuation analysis
- Gave weekly presentations, reports, and feedback on progress of the project
- Used classical fluctuation analysis to better understand whether mutation rates depend on growth phase

Princeton Review Representative *Cambridge, MA* Nov 2009 – Mar 2011

- Promoted Princeton Review classes and services throughout the MIT community by setting up information booths monthly to answer questions

Chemical Engineering Researcher *Harvard Institutes of Medicine, Boston, MA* Jan 2011 – May 2012

- Participated in weekly meetings and updates to understand relevance of research to patient needs

- Compared cAMP levels of polycystic kidney disease patients to those of normal patients in cells outside of the kidney to see the disease's effect
- Determined growth factors and media necessary to differentiate stem cells into kidney proximal tubular cells
- Measured levels of gene and protein expression at each stage of differentiation from stem cells to PTECs

GE Hitachi Nuclear Energy EID Intern *GE Nuclear Energy, Wilmington, NC* June 2011 – Aug 2011

- Consulted with subject matter experts to update the Dynamic Object Oriented Requirement System regulation mapping process including the importing, mapping, and development of traceability matrices
- Developed company's knowledge on thermal mechanical aspects of MOX fuel design by building a library of references and presenting results to the MOX fuel project group
- Awarded the Bronze Award from President and CEO of GE Nuclear Energy for providing 'Above & Beyond Leadership' for GE interns, primarily by leading the GE Nuclear Energy site to win the Community Service Challenge

Chemical Engineering Researcher *Prather Lab at MIT, Cambridge, MA* June 2010 – Jan 2011

- Completed several PowerPoint presentations to present research updates to supervisor
- Optimized conditions for the growth of bacterium *R. opacus* to produce a high percentage of triglycerides
- Compared the strength of several promoters to transcribe gene sequences
- Participated in group meetings where discussions were held to ensure research was staying relevant to market needs

Brain and Cognitive Sciences Researcher *Picower Institute at MIT, Cambridge, MA* Feb 2009 – Dec 2009

- Assisted with running fMRI scans on patients
- Used fMRI to analyze the scans of patients with mental disorders to learn more about the development of attention and emotion

Activities

Asia NGO Innovation Summit *Volunteer to take notes during meetings* Nov 2014

Learning Ally *Volunteer to record books for blind and dyslexic* Mar 2013 – Aug 2014

Cambridge Youth Hockey *Coach* Jan 2011 – May 2013

American Institute of Chemical Engineers (AIChE) *Class Representative* Sep 2011 – May 2012

MIT Wind Ensemble (MITWE) *Social Chair and clarinetist* Apr 2009 – May 2012

MedLife – MIT Chapter *Co-Founder and Co-President* Jan 2010 – May 2012

Global Poverty Initiative *Executive Board Member* Sep 2010 – May 2011

MIT Women's Varsity Ice Hockey Team Sep 2007 – Apr 2009

Foundation for International Medical Relief of Children *Co-President* Sep 2008 – Mar 2009

Blue Lake Fine Arts International Orchestra *Principal Clarinetist* Jan 2005-Aug 2007

- Traveled throughout Europe to perform concerts over the summer

Girl Scout of the USA *Gold Award recipient* 2004 – present