REBECCAH CHAPMAN

2340 South Street #205
Boulder, CO 80302

Rebeccah.Chapman@colorado.edu
(724) 992-9388

OBJECTIVE

Seeking experience in a chemical and biological engineering environment where laboratory skills, hard work, and scientific aptitude are developed and utilized. Available summer 2013.

EDUCATION

Bachelor of Science, Chemical and Biological Engineering **Expected- May 2014**
University of Colorado, Boulder, CO

- GPA: 3.5/4.0

RELEVANT COURSEWORK

- Organic Chemistry 2 and Lab
- Organic Chemistry 1 and Lab
- Materials and Energy Balances
- Heat Transfer
- Thermodynamics
- Applied Data Analysis
- Molecular Cell Biology

RESEARCH AND TEACHING EXPERIENCE

Undergraduate Research Assistant, Anseth Research Group **January 2012-Present**
Department of Chemical and Biological Engineering
University of Colorado, Boulder, CO
Advisors: Abigail Bernard, Prof. Kristi Anseth

- Investigating the effect of controlled cellular aggregation and protein incorporation on the function and viability of pancreatic islet cells.

Teaching Assistant, Introduction to Chemical Engineering **Spring 2012**
Department of Chemical and Biological Engineering
University of Colorado, Boulder, CO
Advisor: Wendy Young

- Supervised a group of 12 students throughout semester.
- Assisted students in completing assignments, organizing group projects, and presentations.
- Organized and led student field trip to Amgen.
-

RELEVANT SKILLS

- Laboratory skills: mammalian cell culture, biological assays (e.g. ELISA, viability/cytotoxicity, immunohistochemistry, ect.), photolithography, biomaterials, cryosectioning, quantitative image analysis, and data analysis.
- Computer Skills: Microsoft Office, Matlab, Wolframm Mathematica, and Minitab

HONORS AND AWARDS

- Dean's List – University of Colorado
- National Society of Collegiate Scholars
- Salutatorian of Mercer High School Class of 2010
- National Honor Society, Mercer High School
- VP of National Honor Society, Mercer High School