

MONICA BRYN KIRBY

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847-987-9579

EDUCATION

Chemical Engineering Graduate Student
The University of Colorado, Boulder
Research Advisor: Timothy Whitehead
GPA: 3.64/4.00

Aug 2018 - Present
Boulder, CO

B.S., Chemical Engineering
The University of Alabama
Minors: Mathematical Statistics & General Business
Chemical Engineering Honors Program
University Honors College
GPA: 3.98/4.00

May 2018
Tuscaloosa, AL

Unit Operations Laboratory
The Technical University of Denmark

Summer 2017
Lyngby, Denmark

RESEARCH EXPERIENCE

Graduate Research Assistant
The University of Colorado, Boulder

Jan 2019 - Present
Boulder, CO

Innovation Management Co-Op
Evonik Birmingham Laboratories

Aug 2015 – May 2017
Birmingham, AL

TEACHING EXPERIENCE

Teaching Assistant, Fluid Mechanics
The University of Colorado, Boulder

Spring 2019
Boulder, CO

Teaching Assistant, Health & Safety in The Chemical Process Industry
The University of Alabama

Fall 2016 & Fall 2017
Tuscaloosa, AL

PUBLICATIONS

Medina-Cucurella, Angelica; Steiner, Paul; Faber, Matthew; Beltran, Jesus; Borelli, Alexandra; **Kirby, Monica**; Cutler, Sean; Whitehead, Timothy. User-defined single pot mutagenesis using unpurified oligo pools, *Protein Engineering, Design and Selection* (2019).

HONORS & AWARDS

Presidential Scholarship, The University of Alabama
Engineering Leadership Scholarship, The University of Alabama
Gamma Sigma Epsilon Chemistry Honor Society, The University of Alabama
Award for Exemplary Service to the Community, Deerfield, IL Optimist Club

Aug 2013 – May 2018
Aug 2013 – May 2018
May 2017 – May 2018
2011, 2012, 2013

INVOLVEMENT

American Institute of Chemical Engineers, The University of Alabama
Society of Women Engineers, The University of Alabama
Kappa Alpha Theta Sorority, The University of Alabama
Mentor UPP Engineering Program, The University of Alabama
Phi Sigma Pi Honors Fraternity, The University of Alabama
Phi Sigma Pi Service Committee, The University of Alabama
Habitat for Humanity, The University of Alabama

2014-2018
2013-2018
2013-2017
2013-2015
2014-2016
2015-2016
2014-2015