

## 2015 REU Alumni News (updated September 2017)

### ► **Esha Abbi** (funded by KU/DCU Lunte Exchange Program)

<https://www.linkedin.com/in/esha-abbi-1b7945b6/>



Currently working as a Biochemical Analyst for [Megazyme](#). Plans to obtain a PhD in a few years. She enjoys the working life, but states that the “summer research in Kansas was the making of me” and that she is forever grateful for the opportunity of being a part of the REU program. It made her realize how important science was and the experience definitely helped her with her final year thesis.

### ► **Hannah Ashberry** (funded by NSF 0070010)

As of 2017, Hannah is pursuing her PhD in Chemistry at Indiana University. She is majoring in Materials Chemistry and works for Dr. Sara Skrabalak.

<http://www.indiana.edu/~skrablo/index.shtml>



### ► **Jeremy Barnes** (funded by NSF 0070010)

<https://www.linkedin.com/in/barnesjeremys/>



Although his initial passion was to earn a doctorate in Chemistry, he has now decided that a career in business better suits him. Jeremy currently serves as an Audit Associate at BKD CPAs & Advisors in the Kansas City area and will soon obtain his CPA license.

#### **Article published:**

The Journal of Chemical Physics accepted an article regarding a research project that Jeremy Barnes (2015 REU Participant) started in Marco Caricato’s Research Lab. The article is currently under press. The project concerns the development of electronic embedding schemes, based on fixed point charges, for the evaluation of electronic excitation energies & oscillator strengths with hybrid QM/QM methods.

#### **“Point charge embedding for ONIOM excited states calculations”**

Alessandro Biancardi, Jeremy Barnes, and Marco Caricato

**Citation:** The Journal of Chemical Physics 145, 224109 (2016); doi:10.1063/1.4972000

**View online:** <http://dx.doi.org/10.1063/1.4972000>

**View Table of Contents:** <http://aip.scitation.org/toc/jcp/145/22>

Published by the American Institute of Physics

► **Colby Barrett** (funded by University of Kansas)



Colby is pursuing his PhD in Chemistry at the University of Southern California. In 2017 he received the Alpha Chi Sigma Award and was selected as an outstanding graduating senior in Chemistry while attending the University of Kansas.

► **Dominic Boe** (funded by NSF 0070010)

Graduated Cum Laude with a degree in Chemistry from Wartburg College in the spring 2016. She is from Calmar Iowa and is the daughter of Dr. Patrick Boe, Michael Soppe and Dr. Merrill Guarneri.



► **Collin Clay** (funded by KU/DCU Lunte Exchange Program)

<https://www.linkedin.com/in/collinclay/>



Collin is an Undergraduate Researcher in Chemistry at the University of Kansas. In 2016, the University of Kansas awarded Collin with a Beckman Scholarship. The program is designed to enrich the development of students/scientists through innovative research. For more details click on following link: <http://www2.ljworld.com/news/2016/apr/07/ku-press-release-ku-announces-new-beckman-scholars/?kutoday>

**KU/DCU Lunte Exchange Program Awardee:**

As a recipient of KU/DCU Lunte Exchange Award Program, Collin was able to spend the summer of 2015 in Dublin Ireland, working under the direction of [Professor Dermot Diamond](#).

► **Jordan S. Compton** (funded by NSF 0070010)

<https://www.linkedin.com/in/jordan-compton-8a0034a6/>

Is beginning her 2<sup>nd</sup> year of a PhD program at the University of Pennsylvania. She is working with the [Molander Group](#) on organic reaction development.



► **Judith Flores** (funded by NSF 0070010)

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Graduated in the spring of 2017 and is currently working on obtaining her PhD at University of California, San Diego. She was also awarded the NSF Graduate Research Fellowship Program. The GRFP program ensures the vitality and diversity of the scientific and engineering workforce in the United States.

► **Mia Furgurson** (funded by NSF 0070010)

<https://www.linkedin.com/in/mia-furgurson-2924a9105/>

Just started her first year as a graduate student and hoping to obtain her PhD in Molecular Physiology and Biophysics at Baylor College of Medicine in Houston Texas.



► **Ryan Hamelin** (funded by NSF 0070010)

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He graduated with a BS in Chemistry and Math at Fitchburg State University (spring 2017). His research focus is Nanoparticles and Tropical Mathematics. He is currently pursuing a career as a researcher or lab technician.

**Exploring the Chemistry Associated with Atomic, Molecular & Optical Physics:** <http://kansas-nsf-epscor.blogspot.com/2015/08/reu-student-explores-chemistry.html>

For more Ryan Hamelin news - click on the above link.

► **Emmaline Lorenzo** (funded by University of Kansas)

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Emmaline is currently serving as an Undergraduate Research Assistant at the University of Kansas under the Direction of [Christopher Elles](#). She plans to pursue a career as a research professor in the field of Spectroscopic Physical Chemistry.



**KU/DCU Lunte Exchange Program Awardee:**

As a recipient of KU/DCU Lunte Exchange Award Program, Emmaline was able to spend the summer of 2017 in Dublin Ireland. She worked under the direction of [Professor Brian Kelleher](#).

**Goldwater Scholarship:**

<http://www2.ljworld.com/news/2017/mar/16/ku-nominates-four-women-goldwater-scholarships/?print>

Emmaline was nominated in March 2017 for a Goldwater Scholarship and although she wasn't awarded the scholarship, she did earn an honorable mention from the Goldwater Foundation for her excellence in science research.

► **Bailey McLernon** (funded by NSF 0070010)

<https://www.linkedin.com/in/bailey-mclernon-5b656ab0/>



In her second year of pursuing a PhD in Physical Organic Chemistry at Boston University.

**Honored by Governor Baker:**

<http://framinghamsource.com/index.php/2016/05/09/framingham-state-student-among-29-shine/>

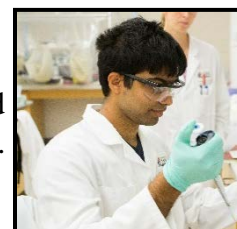
Bailey McLernon was Honored by Governor Baker and other legislators during the annual 29 Who Shine Ceremony at the Massachusetts State House in May 2016. She is currently attending Boston State University.

**Bailey shares her REU Experience:**

“Honestly, last summer in Kansas was the best summer I've ever had. I learned so much and made so many great friends”.

► **Ishan Nag** (funded by NSF 0070010)

Ishan graduated from Western Connecticut State University in spring 2016 and is currently working/studying at Brandeis University, Waltham Massachusetts.



► **Sumar Quint** (funded by NSF 0070010)

<https://www.linkedin.com/in/sumar-quint-094879102/>



Sumar is attending Medical School at Des Moines University and is seeking a Doctor of Osteopathy (DO) Degree. Her primary interest is in anesthesiology and internal medicine.

► **Cody Schultz** (funded by NSF 0070010)

As of 2017, Cody is attending Graduate School at the University of Nebraska-Lincoln. He is majoring in Biochemistry and is currently employed as a Pharmacy Technician in Wentzville Missouri.



**Note:** No updates for Alumni REU Participants Luisa Cardoso-Melo (funded by BSMP).