

## *Curriculum Vitae*

### **Kimberly S. Huggler**

Graduate Research Assistant

Department of Biochemistry, University of Wisconsin-

Madison 330 N Orchard Street, Madison, WI 53715

email: huggler@wisc.edu

### **EDUCATION**

05/2017                      Denison University, Granville, OH  
B.S., Biochemistry, *Summa Cum Laude* (3.96/4.0)

### **TRAINING**

12/2018 – present            The University of Wisconsin-Madison, Madison, WI  
Graduate Research Assistant  
Mentor: Jason Cantor, Ph.D.

05/2015 – 05/2017           Denison University, Granville, OH  
Undergraduate Research Assistant  
Mentor: Charles Sokolik, Ph.D.

### **AWARDS AND HONORS**

2017                              Ebaugh Award, Denison University  
2017                              Asclepius Award, Denison University  
2017                              Fellow, Dept. of Chemistry and Biochemistry, Denison University  
2016                              Anderson Summer Research Assistantship, Denison University  
2016                              Phi Beta Kappa, Denison University  
2016                              Mildred Klinger Sanders Award, Denison University  
2015                              Miller Summer Research Assistantship, Denison University  
2014                              Ebaugh Prize in General Chemistry, Denison University  
2013 – 2017                      Denison University Dean's list (7 semesters)  
2013 – 2017                      Lola and William Duff Scholarship

### **PUBLICATIONS**

1. Nishioka, G.M., Geczy, R., Huggler, K.S., Dao, T.N. & Sokolik, C.W. Exploiting Femtoliter Microwells for the Sensitive Measurement of Protein Adsorption. *Langmuir* **33**, 6985-6990 (2017).

### **CONFERENCE PRESENTATIONS**

1. Nishioka, G.M., **Huggler, K.S.**, Dao, T.N. & Sokolik, C.W. Measuring adsorption phenomena using femtoliter arrays. Undergraduate Research Poster Session, CHED 1607. American Chemical Society National Meeting & Exposition; April 2017; San Francisco, CA.

2. **Huggler, K.S.** & Cantor, J.R. Use of physiologic media to understand the role of alanine in acute myeloid leukemia metabolism. Integrated Program in Biochemistry Retreat, September 2019, University of Wisconsin-Madison, Madison, WI.
3. **Huggler, K.S.** & Cantor, J.R. Use of physiologic culture conditions to explore proliferative metabolism in cancer cells. Frontiers in Metabolism, Mechanisms of Metabolic Disease, September 2019, Morgridge Institute for Research, Madison, WI.
4. **Huggler, K.S.** & Cantor J.R. Use of physiologic culture conditions to explore proliferative metabolism in cancer cells. Poster and flash talk. Midwest Metabolism Meeting, November 2019, Van Andel Research Institute, Grand Rapids, MI.
5. Rossiter, N.J., **Huggler, K.S.**, & Cantor, J.R. Paired CRISPR knockout screens identify *GPT2* as a conditionally essential gene in human blood cancer lines. IPiB Poster Session, January 2020, University of Wisconsin-Madison, Madison, WI.
6. **Huggler, K.S.**, White, M.E., Rossiter, N.J., Flickinger, K.M., Soens, R.W., & Cantor, J.R. Keeping it physiologic: Investigating how environmental factors affect blood cancer metabolism. Carbone Cancer Center Retreat, March 2020, University of Wisconsin-Madison, Madison, WI.

## **TEACHING**

2014 – 2017                      Peer Tutor, Denison University

### **Teaching Assistant**

|             |   |
|-------------|---|
| Spring 2020 | Course: Topics in Medical Biochemistry, University of Wisconsin-Madison |
| Spring 2017 | Course: Organic Structure and Reactivity, Denison University            |
| Fall 2016   | Course: From Atoms to Molecules, Denison University                     |
| Fall 2015   | Course: From Atoms to Molecules, Denison University                     |
| Fall 2014   | Course: Ecology and Evolution, Denison University                       |