

### Peer-Reviewed Publications (\*Undergraduate student co-author)

- St John, F.; Dietrich, D.; Crooks, C.; Bologun, P.; de Serrano, V.; Pozharski, E.; Smith, J.K.;\* Bales, E.;\* Hurlbert, J. C. A plasmid borne, functionally novel glycoside hydrolase family 30, subfamily 8 endoxylanase from solventogenic *Clostridium*. *Biochemical Journal* **2018** 475(9), 1533-1551.
- Plasko, D. P.;\* Jordan, C. J.;\* Ciesa, B. E.;\* Merrill, M. A.;\* Hanna, J. M. Jr. Visible light-promoted alkylation of imines using potassium organotrifluoroborates. *Photochem. Photobiol. Sci.* **2018** 17, 534-538.
- Amir, F. Z.; Pham, V.H.; Schultheis, E.M.;\* Dickerson, J.H. Flexible, all-solid-state, high-cell potential supercapacitors based on holey reduced graphene oxide/manganese dioxide nanosheets. *Electrochimica Acta*, **2018** 260, 944–951.

### Student Presentations at National Conferences (\*Undergraduate student co-author)

- Hernandez, B. P.;\* Murray, M. G.; Crenshaw, B. L.; Vinson, A. V.; Hurtt, M. J.; Lammi, R. K.; Hanna Jr., J. M. Synthesis and evaluation of heterocyclic biaryls as aggregation inhibitors for Alzheimer's amyloid-beta peptide. 255th National Meeting of the American Chemical Society, New Orleans, LA, 2018.
- Manore, S.;\* Hurlbert, J. C.; Grattan, T. C. Design, synthesis and evaluation of novel sphingosine kinase 1 inhibitors with improved hydrophilic properties. 255th National Meeting of the American Chemical Society, New Orleans, LA, 2018.
- Nemeth, A. M.;\* B. Melancon, B.; McDowell M.A. A Synthesis of novel oxazoline compounds for use as insecticides and the evaluation for mosquitocidal and larvicidal activity. 255th National Meeting of the American Chemical Society, New Orleans, LA, 2018.

### Student Presentations at Regional Conferences (\*Undergraduate student co-author)

- Robbins, J. T.;\* Boyer, D.; Jackson, R. L.\* Trace fossil assemblages of the lower Pilot Shale, Great Basin, USA. Geological Society of America Southeast Regional Meeting, Knoxville, TN, 2018.
- Ciesa, B. E.;\* Plasko, D. P.;\* Jordan, C. J.;\* Hanna, J. M. Jr. Visible light-promoted additions of potassium organotrifluoroborates to imines. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Crenshaw, B. L.;\* Vinson, A. V.;\* Hanna, J. M. Jr.; Lammi, R. K. Evaluation of heterocyclic biaryls as aggregation inhibitors for Alzheimer's amyloid-beta peptide. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Grattan, T. C.; Manore, S.\* Synthesis and analysis of potential sphingosine kinase 1 inhibitors. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Grattan, T. C.; McFadden, E.\* Synthesis of trifluoromethyl-1H pyrazole derivatives to optimize activity as antimicrobial agents. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Harris, C. T.; Gaster, C.\* A simple, low-temperature method for the synthesis and electrophoretic deposition of size-controlled nanomaterials from reverse micelles. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Hernandez, B. P.;\* Murray, M. G.;\* Hanna, J. M. Jr.; Lammi, R. K. Synthesis of heterocyclic biaryls as aggregation inhibitors for Alzheimer's amyloid-beta peptide. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Lyons, C.;\* Grosseohme, N. E. Progress towards identifying the phosphorylation site on RitR. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- McGlade, C. A.;\* Hartel, A. M. The reaction of O-silylated cyanohydrin anions with epoxides as an alternative for the enantio- and diastereoselective preparation of aldols. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Sellers, H.;\* Grosseohme, N. E. Exploring a possible moonlighting role for global phosphatase in *S. pneumoniae*. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.
- Stevens, J.;\* Gelabert, M. C. Exploration of variables in aqueous synthesis of zinc oxide. 69th Southeast Regional Meeting of the American Chemical Society, Charlotte, NC, 2017.

### External Summer 2018 Research Fellowships

Caylie McGlade	University of Michigan
Darien Nguyen	Brookhaven National Lab
Hunter Sellers	Medical College of Georgia

### Winthrop Summer 2018 Research Fellowships

Kiera Alexander	Dr. Grosseohme	Marlin McKnight	Dr. Hurlbert
Resa Allen	Dr. Grattan	Madison Merrill	Dr. Hanna
Tamara Bright	Dr. Gelabert	Emily Mitchell	Dr. Werts
Brittney Ciesa	Dr. Hanna	Mouskudah Murray	Drs. Hanna & Lammi
Brandy Crenshaw	Drs. Hanna & Lammi	John Pike	Dr. Hurlbert
Cale Gaster	Dr. Harris	Juliana Quay	Dr. Hurlbert
Madison Merrill	Dr. Hanna	Lucia Rodriguez	Dr. Grosseohme
Sara Dixon	Dr. Boyer	Dakota Shope	Dr. Boyer
Sigrid Dorman	Dr. Grattan	Evan Thibodeaux	Dr. Hanna
Tiffany Dwyer	Dr. Grattan	Augustine Vinson	Dr. Hurlbert
Kameron Johnson	Dr. Gelabert	Sean Wechsler	Dr. Hartel

### Students Matriculating into Graduate Programs

Jonathan Cutrone (2018)	Medical University of South Carolina	School of Medicine
Dakota Hawkins (2018)	University of North Carolina	Department of Chemistry
Benjamin Hernandez (2018)	Presbyterian College	School of Pharmacy
Matthew Hurtt (2018)	Clemson University	Department of Chemistry
Carra Lyons (2018)	University of South Carolina	Department of Biochemistry
Ansley Nemeth (2018)	University of Notre Dame	Department of Chemistry
Jesslyn Park (2018)	University of California, San Francisco	Department of Biochemistry
Lauren Ramsey (2018)	Winthrop University	College of Business
Jeremy Tuck (2017)	University of California, Davis	Medicinal Chemistry
Justin Waller (2015)	Temple University	School of Medicine
Sophia Warren (2018)	New York University	Department of Chemistry

### Student Awards and Recognitions

ACS Analytical Division – Winthrop Undergraduate Award	Dakota Hawkins
Lennart H. Kullberg Research Award	Jesslyn Park