

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

- Bennett, B. L.*; Wyatt, E. C.*; Harris, C. T. Fabrication of Thickness-Controlled Hematite Thin Films via Electrophoretic Deposition and Subsequent Heat Treatment of Pyridine-Capped Maghemite Nanoparticles *Industrial & Engineering Chemistry Research* **2016**, 55(44), 11583-11588.

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

- Corley, M.*; Lu, X.; Cao, X.; Zhang, K. Reducing immune response of nucleic acids by brush polymer assisted compaction, 253rd National Meeting of the American Chemical Society, San Francisco, CA, 2017.
- Margin, K.*; Quay, J.*; Minsavage, G.; Jones, J.; Hurlbert, J. C. Expression and Purification of a Novel Calcium Binding Protein Necessary for Phytopathogenesis in Xanthomonas strains. 2017 Annual Meeting of the American Society of Biochemistry and Molecular Biology. American Society of Biochemistry and Molecular Biology, Chicago, IL, April 23, 2017.
- Nemeth, A.*; Grattan, T. C.; Hurlbert, J. C. Synthesis of Sphingosine Kinase 1 Inhibitors with Modifications of Zone 2, Annual Meeting of the American Society of Biochemistry and Molecular Biology, Chicago, IL, 2017.
- Park, J.*; Glasgow, E.; Fox, B. Functional characterization of three GH10 xylanases, Annual Meeting of the American Society of Biochemistry and Molecular Biology, Chicago, IL, 2017.
- Tesney, J.*; Singh, G.; Guibao, C.; Moldoveanu, T. Probing the Activation Mechanism of BCL-2 Antagonist Killer Protein in Mitochondrial Apoptosis, Annual Meeting of the American Society of Biochemistry and Molecular Biology, Chicago, IL, 2017.

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

- Cridland, C.*; Hurlbert, J. C.; Grattan, T. C Synthesis of novel inhibitors of human sphingosine kinase 1 and investigation of their efficacy as antimicrobial agents, 68th Southeastern Regional Meeting of the American Chemical Society, Columbia, SC, 2016.
- Hernandez, B. P.*; Roberts, J.A.*; Hanna, J. M. Jr.; Lammi, R. K. Synthesis of small molecules for inhibiting aggregation of Alzheimer's amyloid- β peptide, 68th Southeastern Regional Meeting of the American Chemical Society, Columbia, SC, 2016.
- Grattan, T. C.; Nemeth, A.* Synthesis of sphingosine kinase inhibitor 1 with modifications of zone 2, 68th Southeastern Regional Meeting of the American Chemical Society, Columbia, SC, 2016.
- Jordan, C. J.*; Hanna, J. M. Visible light-promoted addition of potassium organotrifluoroborates to imines, 68th Southeastern Regional Meeting of the American Chemical Society, Columbia, SC, 2016.
- Plasko, D. P.*; Hanna, J. M. Visible light-promoted additions of potassium organotrifluoroborates to carbonyl compounds, 68th Southeastern Regional Meeting of the American Chemical Society, Columbia, SC, 2016.
- Hurtt, M. J.*; Schreiber, W. J.*; Hanna, J. M. Jr.; Lammi, R. K. Evaluation of Biphenyltetrols as Aggregation Inhibitors for Alzheimer's Amyloid- β Peptide, 68th Southeast Regional Meeting of the American Chemical Society, Columbia, SC, 2016.
- Plasko, D. P.*; Jordan, C. J.*; Hanna, J. M. Jr. Visible Light Promoted Additions of Potassium Organotrifluoroborates to C=X Bonds (X = O, NR), NC Photochem, Raleigh, NC, 2016.
- Plasko, D. P.* Visible-Light Promoted Reactions of Potassium Organotrifluoroborates to Carbonyl and Imine Compounds, Gulf Coast Undergraduate Research Symposium, Houston, TX, 2016.

External Summer 2017 Research Fellowships

Madeline Diaz	<i>St. Jude Children's Research Hospital</i>
Dakota Hawkins	<i>Wake Forest University</i>
Matthew Hurtt	<i>Wake Forest University</i>
Ansley Nemeth	<i>University of Notre Dame</i>
Jesslyn Park	<i>Howard Hughes Medical Institute – University of California, Berkeley</i>
Jason Peck	<i>Brookhaven National Lab</i>
Lucia Rodriguez	<i>University of Maryland, Baltimore Campus</i>
Sophia Warren	<i>Charles H. Townes Optical Science and Engineering Program – Clemson University</i>

Students Matriculating into Graduate Programs

Sommer Barber (2017)	<i>Medical University of South Carolina</i>	<i>School of Pharmacy</i>
Michelle Corley (2017)	<i>University of Notre Dame</i>	<i>Department of Chemistry</i>
Caitlin Cridland (2017)	<i>Virginia Polytechnic Institute and State University</i>	<i>Department of Biochemistry</i>
Justin Hutchinson (2017)	<i>University of South Carolina</i>	<i>School of Medicine</i>
Theresa Melendez (2017)	<i>University of Georgia</i>	<i>School of Pharmacy</i>
Dakoda Mullinax (2017)	<i>Auburn University</i>	<i>Brewing Science</i>
Davis Plasko (2017)	<i>University of Houston</i>	<i>Department of Chemistry</i>
Rachel Taylor (2017)	<i>Marshall University</i>	<i>Forensic Science Center</i>
Jessica Tesney (2017)	<i>University of South Carolina, Greenville</i>	<i>School of Medicine</i>
Melanie Washington (2017)	<i>Towson University</i>	<i>Forensic Science</i>
Emily Watson (2017)	<i>University of Delaware</i>	<i>School of Marine Science and Policy</i>

Winthrop Summer 2017 Research Fellowships

Brittney Ciesa	<i>Dr. Hanna</i>	Sara Manore	<i>Dr. Grattan</i>
Brandy Crenshaw	<i>Dr. Lammi</i>	Eulillian McFadden	<i>Dr. Grattan</i>
Cale Gaster	<i>Dr. Harris</i>	Caylie McGlade	<i>Dr. Hartel</i>
Benjamin Hernandez	<i>Drs. Hanna & Lammi</i>	Tanisha Moore	<i>Dr. Sumter</i>
McKenzie Kargel	<i>Dr. Werts</i>	Mouskudah Murray	<i>Drs. Hanna & Lammi</i>
Carra Lyons	<i>Dr. Grossoehme</i>	J. Tyler Robbins	<i>Dr. Boyer</i>

Hunter Sellers	<i>Dr. Grossoehme</i>
Maryssa Shanteau-Jackson	<i>Dr. Sumter</i>
Mallory Sorenson	<i>Dr. Hurlbert</i>
Timothy Swartz	<i>Dr. Boyer</i>
Jaime Taylor	<i>Dr. Werts</i>
Augustine Vinson	<i>Drs. Hanna & Lammi</i>

Student Awards and Recognitions

ACS Carolina Piedmont Section – Outstanding Leadership	Michelle Corley
ACS Organic Division – Winthrop Undergraduate Award	Davis Plasko
ACS Analytical Division – Winthrop Undergraduate Award	Emily Watson
GCUR Symposium – Award for Outstanding Presentation	Davis Plasko
Inez Bell Caskey Student-Scholar Award	Davis Plasko
Lennart H. Kullberg Research Award	Emily Watson