

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

- Amir, F. Z.; Pham, V. H.; Mullinax, D. W.*; Dickerson, J. H. Enhanced Performance of HRGO-RuO₂ Solid State Flexible Supercapacitors Fabricated by Electrophoretic Deposition. *Carbon* **2016**, 107, 338-343.
- Sumter, T. F.; Xian, L.; Huso, T.; Koo, M.; Chang, Y. T.; Almasri, T. N.; Chia, L.; Inglis, C. E.*; Reid, D.*; Resar, L. M. The High Mobility Group A1 (HMGA1) Transcriptome in Cancer and Development. *Current Molecular Medicine* **2016**, 16, 353-93.
- Johnson, D. K.*; Stevenson, M. J.; Almadidy, Z. A.*; Jenkins, S. E.*; Wilcox, D. E.; Grosseohme, N. E. Stabilization of Cu(I) for binding and calorimetric measurements in aqueous solution. *Dalton Transactions* **2015**, 44, 16494-16505.
- Amir, F. Z.; Pham, V. H.; Dickerson, J. H. Facile synthesis of ultra-small ruthenium oxide nanoparticles anchored on reduced graphene oxide nanosheets for high-performance supercapacitors. *RSC Advances* **2015**, 5, 67638-67645.
- Gelabert, M. C. Supersaturation of aqueous species and hydrothermal crystal growth of ZnO. *Journal of Crystal Growth* **2015**, 418, 167-175.
- Johnson, R.; Manley, O.*; Spuches, A., Grosseohme, N. E. Dissecting ITC Data of Metal Ions Binding to Ligands and Proteins. *Biochimica et Biophysica Acta* **2015**, 1860, 892-901.
- Jones, W.B.; Donati, G.L.; Calloway, C.P.; Jones, B.T. Standard Dilution Analysis. *Analytical Chemistry* **2015**, 87, 2321-2327.

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

- Manley, O.; Grosseohme, N. Biophysical characterization of Nur from *Streptomyces coelicolor*, 251st National Meeting of the American Chemical Society, San Diego, CA, 2016.
- Aninweze, A.*; Limbach, P.; Addepali, B. Quantification of pseudouridine modifications through uridine specific cleavage of RNA, 251st National Meeting of the American Chemical Society, San Diego, CA, 2016.
- Zinna, J.*; Gelabert, M. Development of an aqueous synthesis for zinc oxide nanoparticles with biologically benign capping agents, 251st National Meeting of the American Chemical Society, San Diego, CA, 2016.
- Gelabert, M.; Lammi, R. Intersystem crossing and fluorescence saturation: A physical chemistry experiment, 251st National Meeting of the American Chemical Society, San Diego, CA, 2016.
- Gelabert, M. C.; Thibault, D.*; Zinna, J.* Supersaturation of complex ions in crystal growth of ZnO, CaCO₃ and Ca₅OH(PO₄)₃, 251st National Meeting of the American Chemical Society, San Diego, CA, 2016.
- Harris, C.; Owens, P.; Snyder, K.; Sumter, T. Implementation of an NSF S-STEM chemistry scholarship program at Winthrop, 251st National Meeting of the American Chemical Society, San Diego, CA, 2016.
- Tan, X.; Logan, J.*; Zhang, K. Self-immolative Nucleic Acid-drug Conjugate as a Dual-Action Therapeutic Agent, 251st National Meeting of the American Chemical Society, San Diego, CA, 2016.
- Calloway, C. P.; Hall, K. A.*; Watson, E. A.* Calcium Analysis by Flame Atomic Emission Spectrophotometry and Standard Dilution Analysis, Society for Analytical Chemists of Pittsburgh, Atlanta, GA, 2016.
- Lintz, L.*; Werts, S. P. Response of clay chemistry to extreme heating during fire events: Applications to archaeology, Fall Meeting of the American Geophysical Union, San Francisco, CA, 2015.
- Walvoort, A.*; Werts, S. P. The Effect of Clay Chemistry and Particle Size Distribution on Carbon Storage from Two Forest Types in Piedmont Soils in the US, Fall Meeting of the American Geophysical Union, San Francisco, CA, 2015.
- Bishop, M.*; Werts, S. P. Effects of Surface Fires and Below Ground Heating on the Biogeochemical Structures of Endomycorrhizal Fungal Spores, Fall Meeting of the American Geophysical Union, San Francisco, CA, 2015.

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

- Corley, M.*; Radzinski, S.; Foster, J.; Matson, J. Optimization of the transfer-to approach for bottlebrush polymer synthesis, 67th Southeast/71st Southwest Joint Regional Meeting of the American Chemical Society, Memphis, TN, 2015.
- Manley, O.*; Grosseohme, N. E. Metalloregulation by Nur from *Streptomyces coelicolor*, 67th Southeast/71st Southwest Joint Regional Meeting of the American Chemical Society, Memphis, TN, 2015.
- Roberts, J. A.*; Taylor, A. L.*; Hurtt, M. J.*; Hernandez, B. P.*; Wicks, S.*; Hanna, J. M.; Lammi, R. K. Synthesis and evaluation of unsymmetrical biphenyltetrols as aggregation inhibitors for Alzheimer's amyloid-β peptide, 67th Southeast/71st Southwest Joint Regional Meeting of the American Chemical Society, Memphis, TN, 2015.
- Hicks, B. J.*; Hanna, J. M. Synthesis of isoxazolopyridines via cyclization of 3-acylpyridine N-oxide oximes, 67th Southeast/71st Southwest Joint Regional Meeting of the American Chemical Society, Memphis, TN, 2015.

External Summer 2016 Research Fellowships

Michelle Corley	Northeastern University
Dakota Hawkins	Wake Forest University
Theresa Melendez	USC Center for Colon Cancer Research
Jesslyn Park	University of Wisconsin
Evan Schultheis	Brookhaven National Lab
Michala Tesney	St. Jude Children's Research Hospital

Students Matriculating into Graduate Programs

James Dean (2016)	University of Pittsburgh	Department of Chemical Engineering
Katja Hall (2016)	Clemson University	Department of Chemistry
Jessica Logan (2016)	University of California, Los Angeles	Department of Chemistry
Olivia Manley (2016)	University of South Carolina	Department of Chemistry
Danielle Thibault (2016)	University of Virginia	School of Business
Morgan Turnow (2016)	Ohio State University	Biomedical Science
Deanna Worley (2016)	Medical University of South Carolina	School of Medicine
Ashley Williams (2016)	Medical University of South Carolina	School of Medicine
Jessica Zinna (2016)	University of Notre Dame	Department of Chemistry

Winthrop Summer 2016 Research Fellowships

Aaron Anderson-Rolfes	Dr. Gelabert	Christopher Jordan	Dr. Hanna	Hunter Sellers	Dr. Grosseohme
Angel Castro	Dr. Grattan	Dakoda Mullinax	Dr. Hartel	Maryssa Shanteau-Jackson	Dr. Sumter
Caitlin Cridland	Dr. Grattan	Ansley Nemeth	Dr. Grattan	Mikala Smith	Dr. Grattan
Rayshon Ellis	Dr. Hartel	Davis Plasko	Dr. Hanna	Jessica Stevens	Dr. Gelabert
Benjamin Hernandez	Drs. Hanna & Lammi	Brittany Ramsey	Dr. Hurlbert	Lauren Travis	Dr. Sumter
Erin Hershelman	Dr. Hurlbert	Jake Roberts	Drs. Hanna & Lammi	Emily Watson	Dr. Werts
Matthew Hurtt	Drs. Lammi & Hanna	William Schreiber	Drs. Lammi & Hanna		