

DR. ASHLEIGH L. PRINCE

Dr. Ashleigh L. Prince, a former WV-INBRE summer intern, is currently an assistant professor of chemistry at Lincoln Memorial University in Harrogate, TN. While a WV-INBRE intern in 2005, Ashleigh worked in the laboratory of Dr. Monica A. Valentovic in the department of Pharmacology, Physiology, and Toxicology at Marshall University. After graduating from West Virginia Wesleyan College in 2006 with a degree in chemistry, she attended graduate school at the University of Tennessee in Knoxville, TN. Ashleigh joined the organic chemistry laboratory of Dr. Shane Foister, where her research was focused on the synthesis of homogeneous and heterogeneous catalysts to facilitate the synthesis of 1,2,3-triazoles, commonly known as “click chemistry.” While in graduate school, Ashleigh presented her work at American Chemical Society Meetings and received several awards from the University of Tennessee for her research and teaching aptitude. She completed her dissertation in 2011 entitled: Homogeneous and Heterogeneous Approaches to 1,2,4-Triazine-Accelerated Copper-Catalyzed Azide-Alkyne Cycloadditions.



Ashleigh joined the faculty at Lincoln Memorial University in 2011. She currently teaches undergraduate courses in general chemistry and organic chemistry. Most recently, she presented her work in the development of an undergraduate medicinal chemistry course at the Biennial Conference on Chemical Education. Her undergraduate research program at Lincoln Memorial University is interested in the synthesis of organic molecules with biological importance. Previous research projects have centered on the synthesis and antimicrobial activity of current antibiotics in combination with novel beta-lactamase inhibitors. In addition, she is involved in numerous university committees and local community activities which promote education in the STEM fields.