

HOPE LIMA

Hope Lima graduated from West Virginia Wesleyan College in 2012 with a degree in Biology. She participated in the WV-INBRE summer research program after her sophomore year under the guidance of Dr. Lawrence Grover. She completed her master's degree in December 2014 under the direction of Jack Odle, PhD, at North Carolina State University. Her master's thesis was focused on the effect of maternal diet on fetal growth and development. Her master's research was funded by the Bill and Melinda Gates



Foundation and was aimed at developing a nutritional intervention to prevent the development of intra-uterine growth restriction in malnourished women using a fetal pig as a model. She has presented this research at national and regional conferences. At the 2014 Experimental Biology conference, her poster, entitled "*Effects of methylating vitamins and docosahexaenoic acid (DHA) supplementation on intra-uterine growth retardation in a feed-restricted swine model*" was selected as the winner of the M.S. student category in the experimental animal nutrition research interest section. Additionally, she was invited to present this research at the Carolina Swine Nutrition Conference to showcase the current success of Graduate Student Research at NCSU. Currently, she is a doctoral student in the lab of April Fogleman, MS, RD, PhD, IBCLC, at North Carolina State University, and is completing her DPD courses at North Carolina Central University in hopes of becoming a Registered Dietitian. Her dissertation research will be focused on nutrition intervention in premature infants and how to change and improve regulations guiding donor milk banks. In the future, she hopes to pursue a dual position allowing her to practice as a clinical dietitian as well as continuing nutrition intervention research.