

Ohio State Sigma Xi Chapter GIAR Winners 2014-2015

Graduate Students	Advisors	Department	Project Title
Selina R. Cole	W. Ausich	Earth Science	Static or Dynamic? Exploring the Complexities of Taxonomic Longevity using Diplobathrid Crinoids
Mary Cole	S. Stout	Anthropology	Three-Dimensional Reconstruction of Vascular and Lacunar-Canalicular Porous networks of the Human Rib
Alisa Blazek	N. Weisleder	MCDB Program / Physiology & Cell Biology	Mediators of Exercise-Driven Musculoskeletal Health
Mia Tazi	A. Amer	Biomedical Science	Targeting MicroRNAs that Modulate Autophagy in Cystic Fibrosis Patients
Graduate Students: Honorable Mention			
Kyle Cauton	A. Amer	Biomedical Science	Caspases Promote Actin Remodeling to Control Bacterial Infection
Jinyu Xu	S.Olivo-Marston	Epidemiology	Impacts of Alterations in Energy Balance
Undergrad Students			
Anjella Manoharan	N. Weisleder	Biomedical Science	Contribution of TRIM69 to Ischemia/Reperfusion Injury
Spencer Palombit	A. Grottoli	Earth Sciences	Effect of annually recurring bleaching stress on the lipid class composition of the Caribbean coral species
Jenna Patterson	J. Godbout	Neuroscience	Peripheral innate Immune challenge elicits immunological and behavioral responses in stress-sensitized mice

National Sigma Xi GIAR Winners 2014-2015

Graduate Students	Advisors	Department	Project Title
David Wright	W. Ausich	Earth Sciences	Phylogenetic Paleobiology and Phenotypic Evolution in Fossil Cladid Crinoids
Stephen Murphy	L. Comita	Evolution, Ecology and Organismal Biology	White-tailed deer impacts on forest regeneration in the Eastern United States.
Selina R. Cole	W. Ausich	Earth Sciences	Static or dynamic? Exploring the complexities of taxonomic longevity using diplobathrid crinoids
Puneet Sodhi	A. Hartwick	Neuroscience, Optometry	Muscarinic Acetylcholine Mediated Light Independent Stimulation of Ganglion Cell Photoreceptors