

**Dr. Jonathan Sylvester, Senior Lecturer,  
Department of Biology,**



Jonathan Sylvester is Undergraduate Assistantship Program Coordinator and Research Faculty for the Honor's College. The goal for these positions is to expose undergraduates to ongoing research at the university. Dr. Sylvester works on the development of the Convict Cichlid. His lab uses these fish to investigate the developmental and genetic cause of a unique pair bonding behavior in Convicts. This research can provide insight into what causes monogamous behavior in all vertebrates, including humans. His fields of expertise and teaching interests are brain evolution and development, molecular biology, brain morphology, and vertebrate embryology.

Dr. Sylvester was born and raised in Georgia. He left the state to get a B.S. in Biology at Duke University. He returned to the state to get his Ph.D. in Development and Evolution at Georgia Institute of Technology. He also did a post-Doctoral fellowship at Georgia Tech. He began teaching at Georgia State in 2014.