

Louisiana State University: Evolutionary and Ecological Genomics

Ph.D. student applications are being accepted in the lab of Dr. Andrew Whitehead at Louisiana State University, in Ecological and Evolutionary Genomics, for the Fall semester starting August 2010.

Research in the Whitehead lab seeks to understand how genomes integrate cues from, respond to, and are shaped by the external environment. We examine genomic responses to stress that occur over physiological timescales (acclimation responses) and over evolutionary timescales (adaptive responses). Many complementary approaches are integrated into our program, including genome expression profiling using microarrays, population genetics and phylogenetics, and physiology, to study how individuals and species respond to and adapt to environmental stress. Stressors of interest include those that are natural (temperature, salinity) or of human origin (pollutants).

Visit the Whitehead lab website at <http://www.biology.lsu.edu/webfac/awhitehead/frontpage%20template.htm>

Highly motivated students with strong training in molecular biology, genetics, and evolution will be considered. Computational skills and prior research experience is desirable. For inquiries, send a statement of your research interests and career goals, and your CV, to Andrew Whitehead at andreww@lsu.edu

Applications for admission to the LSU Biological Sciences graduate program for Fall 2010 are due by January 22nd 2010 – <http://www.biology.lsu.edu/grad/prospective.html>

Andrew Whitehead
Department of Biological Sciences
Louisiana State University
Baton Rouge, LA, 70803
andreww@lsu.edu