

**From:** Allen Hurlbert  
**Subject:** PhD position, Dimensions of Biodiversity

---

University of North Carolina: Dimensions of Biodiversity (PhD). A PhD research assistantship is available for an outstanding, motivated student to work in the Matute (<http://dm-incompatibilities.org/>) and Hurlbert (<http://labs.bio.unc.edu/hurlbert/index.html>) Labs in the Department of Biology at UNC. The student will work on an NSF-funded Dimensions of Biodiversity project on thermal niche evolution and conservatism across the genus *Drosophila*. This is a multifaceted project, giving the student the opportunity to address questions related to the evolution of phenotypic diversity, adaptation to novel climates, and longstanding theories explaining the latitudinal diversity gradient. To this end, the successful applicant will learn and apply phylogenetic, genetic, genomic, and macroevolutionary methods, and be involved with ongoing components of the work including trait assays for thermal tolerance and experimental evolution. The student will also have the opportunity to participate in international field expeditions and will receive cross-disciplinary training in evolution and macroecology. Qualifications: The successful candidate will have a BA or BS in Biology or a related discipline. Research experience at the Master's level is preferred, and students who have experience with genetic or genomic data and/or qualifications in evolutionary entomology are especially encouraged to apply. We pride our research groups on being safe and inclusive environments, and members of historically underrepresented groups in STEM are encouraged to apply. Application: Submit the following materials to Dr. Daniel Matute (dmatute@email.unc.edu): 1) A letter describing your research background and interest in the position, 2) a current CV, 3) unofficial transcripts, and 4) the names and contact information for 3 references. Materials should be sent by 21 November 2017.