

Assistant Professor/Curator – Genetic/Genomic Ichthyologist

Department of Biology & Sam Noble Museum, University of Oklahoma

DESCRIPTION OF POSITION: We seek a creative, collaborative thinker with a collection-based research program involving molecular approaches to studying fish systems. We are especially interested in candidates who use genomic tools and data sets in combination with innovative computational, ecological, behavioral and/or comparative approaches to address important biological questions ranging from the origin and maintenance of organismal diversity, adaptation to changing environments, evolution, conservation, and human health and disease. Areas of research interests include, but are not limited to: comparative genomics, landscape/population genetics, geographical ecology, global change biology, evolutionary genetics, and mechanisms of evolution.

RESPONSIBILITIES: The successful candidate will be expected to: (1) develop and maintain an innovative, extramurally-funded research program in fish systems; (2) oversee care and obtain support for a collection of about 1 million specimens by maintaining records, identifying and cataloging specimens, supervising preparators and assistants, expanding and preserving the collections, and developing long-range plans for collection maintenance and development; (3) contribute to museum public exhibit development and support; (4) develop and contribute to museum-related outreach activities; and (5) contribute to undergraduate and graduate teaching, including instruction of one course per year (one-half the regular department teaching load) in ichthyology, animal behavior, biogeography, genetics, evolution, comparative anatomy, ecological modeling, or bioinformatics. A full-time Collection Manager is funded in this collection.

GENERAL INFORMATION: The Sam Noble Museum is an organized research unit of the University of Oklahoma and is one of the finest university museums in the world. The museum has an outstanding curatorial, collections, education, exhibits, and support staff that serves the museum's mission from research to preservation to education at all levels. The Department of Biology is a leading academic department with a tradition of excellence in organismal biology. It is home to 20 of the 44 faculty in the University's graduate program in Ecology and Evolutionary Biology, and it is currently in the process of hiring several new faculty in the next two to three years to expand on its strengths in biology of behavior.

QUALIFICATIONS

Preference will be given to biologists with a documented record of collections-based research in natural history, including field experience and a broad taxonomic understanding of fishes, who also clearly demonstrate cross-disciplinary research programs.

A Ph.D., teaching experience, and field and museum research experience in ichthyology are required.

APPLICATION INSTRUCTIONS

Submit a cover letter, curriculum vitae, summary of experience and goals (including teaching, research, and curation), representative pdf reprint examples, and three confidential letters of reference using at <http://apply.interfolio.com/43857>.

Visit us at <http://snomnh.ou.edu> and <http://biology.ou.edu>.

Formal application review will begin 11 October 2017 and continue until the position is filled.