

Post-graduate Quantitative Ecologist

We are seeking to fill a post-graduate (BS / MS) research position in Ecological Modeling at Oak Ridge National Laboratory (ORNL). Our research will evaluate different alternatives to recover fish species of high conservation concern in the Middle Snake River. Primary tasks will involve running fish population models for salmon and sturgeon, combining features of different models (coding and testing), and summarizing simulation results. Candidates with strong quantitative skills and experience with programming in C/C++ and R are encouraged to apply. In addition, a background in the following would be helpful: river ecology, statistics, population genetics, Python high-performance computing, web-based visualization. Opportunities to publish will be available. The position is for one year, with a high likelihood of renewal for a second year.

Located near the Great Smoky Mountains National Park and the Big South Fork, ORNL has significant scientific, cultural and natural assets. ORNL is located near the National Institute for Mathematical and Biological Synthesis at the University of Tennessee, located near thriving downtown Knoxville.

Please apply through the ORISE Zintellect system, <https://www.zintellect.com/>, which will require a CV, transcripts, and names for references and send an email to let us know. We hope to fill the position by the end of the year.

Dr. Henriette (Yetta) Jager,
Oak Ridge National Laboratory
jagerhi@ornl.gov

See project descriptions at www.esd.ornl.gov/~zij/