

POSTDOCTORAL RESEARCH ASSOCIATE VECTOR ECOLOGY/MACROECOLOGY

Tyson Research Center

Washington University in St. Louis

A Postdoctoral Research Associate position is available in the research group of Kim Medley at Tyson Research Center, Washington University in St. Louis. In collaboration with Dr. Medley, the successful candidate will develop one or more projects to explore multi-scale mechanisms leading to range limits and/or expansion, with an emphasis on vectors of wildlife and/or human disease. Potential research topics include gene flow effects on climate adaptation, interactive effects of species interactions and abiotic environment on range limits, and spatial structure and dynamics of populations across landscapes. The successful candidate will be based at Washington University's Tyson Research Center (TRC); an 800-ha field station located 20 miles from the main campus. TRC boasts a rapidly growing research infrastructure, including a 25-ha forest-dynamics plot that is part of a global network of plots coordinated through the Smithsonian Center for Tropical Forest Science and Global Earth Observatory (CTFS-ForestGEO), a new ~4000 ft² laboratory facility, a newly constructed research garden, and opportunities for experimental and observational studies in forest, glade, prairie, and aquatic habitats. Preference will be given to applicants with strong geo-spatial and quantitative skills (e.g. expertise in R), experience with landscape genetics/genomics, or expertise in disease ecology.

The successful candidate will join a growing and interactive community of ecologists and evolutionary biologists at Washington University, the TRC, and the St. Louis Ecology, Evolution and Conservation consortium of local partner institutions (<http://www.sleec.weebly.com>). In addition to developing a collaborative research program, candidates should have an expressed interest in mentoring undergraduate and high school research fellows at TRC, and being an active and contributing member of a dynamic field station.

Funding for salary is available for one year with the possibility of extension. Review of applications will begin January 5, 2015 and will continue until the position is filled. However, candidates are encouraged to e-mail Kim Medley (kim.medley@wustl.edu) to indicate interest in the position as soon as possible. The start date is flexible, but ideally the candidate will start between February and April 2015, prior to the start of the TRC Summer Program in May. To apply, please combine into a single PDF file your CV, a one-page statement of research interests focusing on potential projects that

would complement existing research in the Medley lab (medleylab.weebly.com), and the names and contact information of three references. Application materials must be submitted electronically through <https://jobs.wustl.edu> by entering the job ID number 29554 as a keyword under "Basic Job Search."