Tenure-track position in ecological remote sensing/GIS

Now with a deadline! Position will remain open until filled, but applications will start being reviewed on December 10.

The New Jersey Institute of Technology (NJIT) invites applications for a 9-month, tenure-track faculty appointment in the Department of Biological Sciences. We seek an active researcher and educator who uses remote sensing or GIS technology for biological research questions at any scale, from monitoring individual animals to the biosphere. Remote sensing is defined broadly, and could include the acquisition and/or use of remote imagery, other sensing modalities such as lidar or photogrammetry, acoustic and camera monitoring, GPS tracking, etc. Research activities might include any combination of hardware development, software development or data analytics. Applicants will be expected to maintain an active, funded research program, supervise graduate students, teach undergraduate and graduate courses in their area of expertise, and contribute to the overall success of the Department. NJIT is a tier-one public research university located in Newark, NJ, with an emphasis on STEM subjects. The successful candidate will join NJIT’s Federated Department of Biological Sciences, with faculty expertise in ecology and conservation, animal behavior, neurobiology, locomotion and phylogenetics. ‘Federation’ with Rutgers Newark adds faculty in cell and molecular biology and neurobiology, evolution and ecology. The candidate would also be part of a new campus-wide spatial technologies group that includes colleagues from the Departments of Physics, Chemistry and Environmental Science, and Mathematics, as well as from the Newark College of Engineering. This group includes expertise in sensor development, tracking tags, GIS applications, and associated methods of data analysis.

Prerequisite Qualifications:
PhD in an appropriate field. Demonstrated research ability and a vision for a sustainable research program.

Preferred Qualifications:
Demonstrated teaching ability.

Required application documents: 1) CV, 2) statement of research, 3) statement of teaching interests and philosophy, 4) contact information for three referees.

For more information about the Department, please visit biology.njit.edu

To apply, please go to the following link:

For questions or further information, please contact Dr. Gareth Russell, russell@njit.edu

NJIT is an equal opportunity employer.