

Job Description

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Posting Details

Department: Integrative Biology / 0-1211-000**College/Division:** College of Arts and Sciences**Salary Plan:** Temporary**Hiring Salary/Salary Range:** \$47,659 - \$65,292; salary commensurate with experience

DUTIES:

The Carney Lab at the University of South Florida seeks a full-time Postdoctoral Fellow to conduct and publish research on mosquitoes at the intersection of geographic information systems (GIS), artificial intelligence (AI), and citizen science.

The researcher will work as part of an interdisciplinary team at USF, NASA, CDC, and international organizations on the NSF-funded project, "Surveillance and Control of Mosquito-Borne Diseases through Automated Species Identification and Spatiotemporal Modeling" https://www.nsf.gov/awardsearch/showAward?AWD_ID=2014547.

This is a full-time, one-year position with the possibility of renewal. Ability to work remotely.

Additional information about the lab and PI Ryan Carney can be found at CarneyLab.org and <http://biology.usf.edu/ib/faculty/rcarney>.

QUALIFICATIONS (Education & Experience):

Minimum Qualifications:

A PhD in any related field and a record of publication.

Preferred Qualifications:

Proficiency in some aspects of GIS and/or AI. Specific desired expertise includes geospatial methods such as habitat modeling, spatial statistics, and spatiotemporal modeling, and/or machine learning approaches such as the recent Fourier neural operator and no-code platform Trinity. Experience with ESRI products as well as QGIS, SaTScan, and Python coding a plus. Some background in mosquito biology. A strong publication record in highly ranked peer-reviewed journals and ability to write well; researcher will be responsible for co-/authoring multiple papers.

USF Tampa

Information for Applicants

This position is subject to a Level 1 criminal background check.

Job Opening Number: 28578

Posting Date: 9/27/2021

Posting End Date: 12/25/2021

How To Apply

Click on the **Apply Now** button. When applying to an opening you will have the opportunity to upload a cover letter and resume.

Apply online by completing the required information and attaching your cover letter and CV/resume. Please include your experience as it relates to the qualifications stated above. **YOUR COVER LETTER AND RESUME, PLUS ANY OTHER REQUESTED MATERIAL, MUST BE IN ONE ATTACHMENT.** Only online applications are accepted for this position.

Click [here](#) for additional tutorial information.

Conclusion of this search is subject to final budget approval. According to Florida Law, applications and meetings regarding them are open to the public. USF is an Equal Opportunity/Equal Access Institution. For disability accommodations, contact Kate Stewart at 813-974-8393 or katestewart@usf.edu, a minimum of five working days in advance.

Equal Employment Opportunity

USF is an equal opportunity, equal access academic institution that embraces diversity in the workplace.

The University of South Florida does not discriminate on the basis of sex and prohibits sexual harassment. Any person may report sex discrimination, including sexual harassment (whether or not the person reporting is the person alleged to be the victim of conduct that could constitute sex discrimination or sexual harassment), in person, by mail, by telephone, or by electronic mail, using the contact information listed for the Title IX Coordinator. Reports may be made at any time either [online](#) or directly to the University's Title IX Coordinator.

Work Location

Campus map and location overview: [USF - Tampa Campus](#)

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