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Postdoctoral Scholar - Sierra Nevada Research Institute

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Job #JPF01635

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POSITION OVERVIEW

Position title: Postdoctoral Scholar**Salary range:** See Table 23 (https://www.ucop.edu/academic-personnel-programs/_files/2023-24/oct-2023-acad-salary-scales/t23.pdf) for the salary range for this position. A reasonable estimate for this position is \$64,480.00 annually at 100% appointment**Percent time:** 100%**Anticipated start:** October 2023**Position duration:** 2-year

APPLICATION WINDOW

Open date: September 18, 2023**Next review date:** Monday, Oct 2, 2023 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Saturday, Aug 31, 2024 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION

The Cobian-Iñiguez laboratory (<https://www.cobianresearch.com/> (<https://www.cobianresearch.com/>)) at UC Merced is seeking applicants for a postdoctoral position focused on transdisciplinary research in wildland and wildland-urban-interface fire. The postdoctoral scholar will contribute to the development of collaborative public science communication strategies with a focus on addressing gaps in bilingual fire science communications. They will conduct integrated basic and applied fire science research in the Cobian-Iñiguez laboratory at UC Merced. Research tasks may include laboratory scale fire behavior experiments and/or applications of machine learning to fire data. The postdoctoral scholar will contribute to the development of a science distribution network with key Spanish-speaking stakeholder groups on both sides of the US Mexico border. They will contribute to the

development of bilingual content for the California Fire Science Consortium website. The postdoctoral scholar will be expected to supervise and manage undergraduate and graduate students, contribute to the preparation of grant proposals and, publish in peer reviewed journals.

QUALIFICATIONS

Basic qualifications

- A Doctoral degree (in engineering, environmental science, ecology, geography, fire science, forestry or a related field.
- Familiarity with quantitative research methods
- Experience publishing peer reviewed articles and presenting at technical conferences.

Preferred qualifications

- Bilingual In Spanish and English
- Advanced experience with experimental methods, statistical methods and/or data science.
- Proficient in geo-processing software (e.g., ArcGIS, QGIS)
- Advanced experience in Python and/or R programming language
- Ability to effectively communicate verbally and in writing.
- Prior experience with wildfire and/or wildland-urban-interface fire research.

APPLICATION REQUIREMENTS

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research

Reference requirements

- 3-4 required (contact information only)

Apply link: <https://aprecruit.ucmerced.edu/JPF01635> (<https://aprecruit.ucmerced.edu/JPF01635>)

Help contact: ksackett@ucmerced.edu (<mailto:ksackett@ucmerced.edu>)

CAMPUS INFORMATION

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements. This includes the University of California Policy on Vaccination Programs:

<https://policy.ucop.edu/doc/5000695/VaccinationProgramsPolicy>
(<https://policy.ucop.edu/doc/5000695/VaccinationProgramsPolicy>).

The University of California is an Equal Employment Opportunity/Affirmative Action employer and invites applications from all qualified applicants, including women, minorities, veterans, and individual with disabilities, who will enrich the teaching, research and public service missions of the university. All qualified applicants will be considered for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and

affirmative action policy, see: UC Nondiscrimination & Affirmative Action Policy
(<https://policy.ucop.edu/doc/4000376/DiscHarassAffirmAction>
(<https://policy.ucop.edu/doc/4000376/DiscHarassAffirmAction>)).

The University of California, Merced, is the newest of the University of California system's 10 campuses. With over 9,000 undergraduate and graduate students (<https://www.ucmerced.edu/fast-facts> (<https://www.ucmerced.edu/fast-facts>)), UC Merced provides outstanding educational opportunities to highly qualified students from the heart of California, the nation, and abroad. The campus has special connections to nearby Yosemite National Park; is on the cutting edge of sustainability in construction and design; and supports the economic development of Central California. The Merced 2020 Project doubled the physical capacity of the campus, and enhanced academic distinction, student success, and research excellence (<https://merced2020.ucmerced.edu/> (<https://merced2020.ucmerced.edu/>)).

UC Merced is a smoke & tobacco free campus (<https://smokefree.ucmerced.edu/> (<https://smokefree.ucmerced.edu/>)).

JOB LOCATION

Merced, CA

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Need help? Contact the hiring department (/JPF01635/question).

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For more information about your rights, see the EEO is the Law Supplement
(http://www.dol.gov/ofccp/regs/compliance/posters/pdf/OFCCP_EEO_Supplement_Final_JRF_QA_508c.pdf)

The University of California, Merced is committed to providing reasonable accommodations to applicants with disabilities (/accessibility).

See our Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act Annual Security Reports (<http://www.ucop.edu/ethics-compliance-audit-services/compliance/clery-act/clery-act-details.html>)