

Postdoctoral Scholar in Planetary Science and Exoplanets

Applications are invited for a Postdoctoral Scholar position in planetary science and exoplanets at the University of California, Riverside (UCR) in the Department of Earth & Planetary Sciences. The successful applicant will work in the Planetary Research Laboratory as a member of a group led by Dr. Stephen Kane. The primary research activities in this group cover a broad range of exoplanet, planetary science, and astrobiology topics, including exoplanet detection and characterization, Venus (both intrinsically and as an exoplanet analog), orbital dynamics, atmospheres and climate, and planetary habitability. Typical data sources used within the research group are Kepler, Transiting Exoplanet Survey Satellite (TESS), Keck, the Automated Planet Finder (APF), MINERVA-Australis, and various Planetary Data System (PDS) mission archives. The group is also a member of the DAVINCI+ mission, a mission selected by NASA to study the Venusian atmosphere. The Postdoctoral Scholar will primarily work on Venus science, Solar System exoplanet analogs, and climate simulations.

Candidates must hold a PhD in astronomy, physics, planetary sciences, geology or related field before their start date. Preference will be given to applicants with expertise in Venus, climate modeling, and/or atmospheric characterization of terrestrial exoplanets. The position is for two years with expected renewal for a third year contingent upon satisfactory research performance. The salary is competitive, and health benefits are provided.

Applicants are requested to submit via email a single PDF file containing a current CV, list of publications, and statement of research interests. The applicant should also arrange for three letters of reference to be submitted, also via email. Complete applications are due by December 17, 2021. E-mail inquiries and application materials should be addressed to: skane@ucr.edu.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. For new University of California employees, the applicable deadline is eight weeks after their first date of employment.