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Alien Earths Postdoctoral Scholars - Astrobiology/Exoplanets with the Alien Earths Team (Multiple Positions)

Submission Information

Publish Date: Tuesday, November 29, 2022

Archive Date: Tuesday, January 24, 2023

To event remaining 1 day

Job Summary

Job Category: Post-doctoral Positions and Fellowships

Institution Classification/Type: Large Academic

Institution/Company: University of Arizona

Department Name: Steward Observatory, Astronomy

Street Line 1: 933 North Cherry Ave.

City: Tucson

State/Province: AZ

Zip/Postal: 85721-0065

Country: United States of America

Announcement

Job Announcement Text:

The University of Arizona Department of Astronomy and Steward Observatory is seeking candidates for multiple Postdoctoral Scholar positions to join the Alien Earths (AE) Team in the study of the formation of exoplanetary systems. The AE team is part of the NASA Nexus for Exoplanet System Science (NExSS) Research Coordination Network, and is funded by the NASA/ICAR program. The focus of the AE team is to understand which nearby planetary systems are more likely to be habitable.

We are seeking postdoctoral scholars to work with Professors Josh Eisner, Regis Ferriere, Jinyoung Serena Kim, Kaitlin Kratter, and Andrew Youdin on observational and theoretical studies of protoplanetary disks, planet formation, planetary habitability, and biosignatures. Applicants will work in one or more of the above areas, determined in part by the candidate's interests and skills. The successful applicants will also have the opportunity to join the NExSS research coordination network.

The positions are offered initially for two years, with the possibility of an extension pending satisfactory performance and availability of funding. Candidates from underrepresented minorities are encouraged to apply. For questions related to the position, please contact ae-postdocs@list.arizona.edu. More information on Alien Earths, NASA NExSS can be found on the following websites: <https://alienearthss.space>, <https://nexss.info>.

Minimum qualifications:

Ph.D in Astronomy, Astrophysics, Planetary Science, Physics, Ecology and Evolutionary Biology, Applied Mathematics, Modeling of Complex Systems (or related field) at the time of hire.

Preferred Qualifications:

Strong research background in IR and/or sub-mm observational studies of young protoplanetary disks, theoretical studies of disk evolution, planet formation, exoplanets, exoplanet discovery and/or characterization, or quantifying planetary habitability and biosignatures.

Application instructions:

- 1) Prepare a cover letter, CV, and a 3-page description of research interests as a single pdf file. Include a publication list in your CV. Description of research interests should include a brief summary of past/current research (no more than 3 pages including figures, excluding references). The Cover Letter should include the names and contact information for three references.
- 2) Please make the single pdf file name as: ApplicantFirstName_ApplicantLastName.pdf and upload to the URL given below.

Included Benefits:

Outstanding UA benefits include health, dental, vision, and life insurance; paid vacation, sick leave, and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; access to UA recreation and cultural activities. Click this link for information: <https://hr.arizona.edu/employees-affiliates/benefits/benefit-options-ua-...>

Application Deadline: Wednesday, February 1, 2023

Current Status of Position: Accepting Applicants

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Attention To: Alien Earth Scholars Selection Committee

Email: ae-postdocs@list.arizona.edu

URL: [AE Scholars Application](#)

[Inquiries About Job](#)

Attention To: Alien Earth Scholars Selection Committee

Subject: Alien Earths Postdoctoral Scholars

Email: ae-postdocs@list.arizona.edu

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