



THE UNIVERSITY OF ARIZONA
COLLEGE OF SCIENCE

LUNAR & PLANETARY LABORATORY

FACULTY POSITION – EXOPLANET RESEARCH

The Department of Planetary Sciences/Lunar and Planetary Laboratory (LPL) at the University of Arizona (UA) seeks to fill a tenure-track faculty position in the area of exoplanet science at the rank of Assistant or Associate Professor. LPL is home to one of the world's premier graduate programs in planetary science. We seek outstanding applicants whose research will focus on processes that are relevant to the properties and evolution of terrestrial exoplanets, their atmospheres, or their habitability. Candidates whose exoplanet research is directly relevant to next-generation exoplanet missions and those focusing on Solar System-exoplanet synergy are of particular interest in this search. Scientists pursuing relevant laboratory, observational, or modeling studies are all encouraged to apply.

A commitment to excellence in teaching is expected. The faculty member is expected to teach graduate and undergraduate classes on planetary science as well as on exoplanet science and topics relevant to astrobiology.

Present departmental faculty and research staff are engaged in many aspects of planetary science, including planetary surfaces, interiors, atmospheres, ionospheres, magnetospheres, the Sun and heliosphere, exoplanetary systems, comparative planetary studies, origins of planetary systems, orbital dynamics, small bodies, and space situational awareness. They employ tools such as theoretical studies and data analysis, laboratory and field investigations, telescopic observations, remote sensing, and spacecraft development, operations, and instrumentation. The University of Arizona has been the lead institution on four major NASA Astrobiology Institute and NASA/ICAR nodes, including the recently awarded Alien Earths (NASA NExSS) project (<https://alienearts.space>), a large interdisciplinary team that explores the potential of nearby planetary systems to host habitable worlds. In addition to its planetary science undergraduate minor and Ph.D. programs, LPL also coordinates the University of Arizona's graduate and undergraduate Astrobiology minor degrees.

Through Steward Observatory, LPL faculty have research access to major telescope facilities including the 2x8.4m Large Binocular Telescope, the 6.5m MMT, the twin 6.5m Magellan telescopes, the 10m Submillimeter Telescope, the 12m APA millimeter-wave telescope on Kitt Peak, and a number of smaller telescopes. The University of Arizona is one of the founding members of the Giant Magellan Telescope, to which LPL faculty members will have research access. Additional information about Steward Observatory, its facilities, personnel, and ongoing research and instrumentation developments is available on its web page: <http://www.as.arizona.edu>.

The departmental faculty, research staff, and graduate student body are drawn from the diverse backgrounds of planetary science, astronomy, physics, chemistry, geology, and engineering. More information about this position is available at <https://lpl.arizona.edu/faculty-position>. Additional information concerning the Department/Laboratory is available at <https://lpl.arizona.edu>. Planetary Science supports Inclusive Excellence, the University diversity strategic initiative designed to engage every member of the university community in diversity and inclusiveness.

The successful candidate will be expected to establish and maintain a distinguished research program, including extramural funding, and to supervise graduate students. The faculty member will also teach courses at the graduate and undergraduate levels, and contribute to mentoring students, including those from underrepresented backgrounds. The faculty member will also participate in outreach and contribute to departmental, college, and university service. In these and other ways, the faculty member will help to develop innovative approaches to enhancing student engagement, increasing diversity, and expanding collaborations with community and business partners.

At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. As a Hispanic-serving institution and a Native American/Alaska Native-serving institution, we translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues, and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we provide equal employment opportunities to applicants and employees without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at

creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness.

The initial appointment will be at the level of Assistant Professor, but an appointment at Associate Professor level may be considered for exceptionally qualified candidates. To be considered for an appointment above the rank of Assistant Professor, candidates must have an internationally recognized record of distinguished scientific achievement, leadership, and teaching ability. To be considered for appointment at the rank of Assistant Professor, candidates must demonstrate a clear promise of such achievement.

The review of applications will begin on October 8, 2021, and continue until the position is filled.

The position is expected to begin on August 15, 2022, or as soon as possible thereafter.

Applicants should submit a cover letter, CV, publication list, a research statement, teaching statement, and a statement on the applicant's work and vision on advancing diversity and inclusion in planetary science.

Applications must be submitted through the [UA Talent portal](https://arizona.csod.com/ux/ats/careersite/4/home/requisition/6828?c=arizona) (<https://arizona.csod.com/ux/ats/careersite/4/home/requisition/6828?c=arizona>). In addition, the applicant should arrange for three recommendation letters to be sent to the chair of the search committee (Professor Dániel Apai, apai@arizona.edu and copy maryg1@arizona.edu) by the application deadline.

The University of Arizona is an EEO/AA employer - M/W/D/V.