

## Fall 2022 Particle Physics and Astrophysics Faculty Search

The Particle Physics & Astrophysics (PPA) Department at SLAC National Accelerator Laboratory/Stanford University seeks applicants for a tenure-track assistant professor appointment in any area of physics pursued by SLAC's Cosmic Frontier program and the Kavli Institute for Particle Astrophysics and Cosmology (KIPAC). The successful applicant should demonstrate the potential to lead an outstanding experimental, observational, or theoretical research program in one or more of the areas of dark energy, dark matter, inflation, structure formation, or other emerging areas in the Cosmic Frontier. Additionally, they should possess good communication skills and a commitment to effective mentoring.

SLAC's current program includes a broad theory program in particle astrophysics, cosmology, and fundamental physics; cosmology research with the Vera C. Rubin's Observatory Legacy Survey of Space & Time, the Dark Energy Spectroscopic Instrument, and CMB-S4; and dark matter searches with LZ, Super-CDMS, Dark Matter Radio and a future G3 liquid Xenon experiment (see: <https://www6.slac.stanford.edu/research/astrophysics-and-cosmology>). We welcome candidates that would bring additional dimensions or directions to our program. A broad astrophysics and cosmology program at Stanford and SLAC is pursued under the auspices of the Kavli Institute for Particle Astrophysics and Cosmology; see [kipac.stanford.edu](http://kipac.stanford.edu). Exceptional applicants at the associate or full professor level may also be considered, as well as applicants in other science areas pursued by SLAC's PPA Department (see <https://www6.slac.stanford.edu/research>).

Inclusiveness and diversity are integral to SLAC's commitment to excellence in research, engagement, and education. We therefore strongly encourage applications from candidates identifying with groups that are historically underrepresented in physics.

All applicants must have a Ph.D. in Physics or related subject field and should send materials to the search committee through AcademicJobsOnline. Candidates should upload a cover letter, curriculum vitae (including a publication list), a research statement (three-page combined maximum), as well as a brief (< 300 word) summary of their expected research program. We encourage applicants, as a component of their research statement, to discuss their experience or commitment to engaging with diversity through activities such as fostering an inclusive environment, working with students from diverse backgrounds, or incorporating diverse perspectives. At least three and no more than five letters of reference should be submitted online at:

Review of applications will begin on November 18, 2022; later applications may be considered at the discretion of the search committee.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford welcomes applications from all who would bring additional dimensions to the University's research, teaching and clinical missions.