

Research Assistant Professor Position in Astrophysics
University of Pittsburgh
Department of Physics and Astronomy

The University of Pittsburgh invites applications for a non-tenure-stream Research Assistant Professor position focused on strengthening efforts in survey astrophysics, pending budgetary approval. Ideal candidates will possess expertise in both survey science and large-scale computing and should be capable of contributing to the development of pipelines for dark energy analyses with LSST. The position will be based jointly at the Center for Simulation and Modeling and the Department of Physics and Astronomy at the University of Pittsburgh.

Duties of the position will include helping astrophysics researchers to make use of both university and national computational resources for their scientific research; working with them to identify, develop, and implement relevant computational and/or statistical methods; and collaborating on the development of algorithms and codes for the analysis of large datasets. The successful candidate will also be able to pursue their own research program. Expertise in machine learning techniques, high performance computing, data science, and/or performance optimization would be valuable. Department faculty are active participants in SDSS-IV, the LSST Dark Energy Science Collaboration, the Atacama Cosmology Telescope, the Simons Array DESI, and WFIRST.

To ensure full consideration, complete applications should be received by December 21, 2016. Applicants can apply online at: <https://facultysearch.as.pitt.edu/apply/index/MTY1>. Candidates should submit a cover letter, CV, publications list, a statement of research interests, and three letters of recommendation. For each reference, you will have the opportunity to input a personal email address or an email address generated through Interfolio's Online Application Delivery. In both cases, an email notification will be sent to the designated address with instructions about uploading the letters to our system.

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