

Postdoctoral Scholar in Theoretical/Computational Galaxy Formation & Cosmology

The Cosmology Group at the University of California, Davis invites applications for postdoctoral research in astrophysics. The successful candidate will pursue independent research in collaboration with Prof. Andrew Wetzel on theoretical/computational modeling of galaxy formation, with preference for the areas of near-field cosmology, galactic archaeology, the Milky Way and the Local Group, and/or dwarf galaxies. We particularly seek candidates with experience in high-performance computing, cosmological hydrodynamic simulations, and/or who work at the interface between theory and observations. Candidates must have a Ph.D. in astrophysics or related field by the start date.

The postdoc will have access to computing facilities at UC Davis and multiple large allocations on NSF and NASA supercomputing facilities, as well as state-of-the-art FIRE simulations including the Latte simulation suite of Milky Way-mass galaxies. UC Davis is a full institutional member of LSST, with access to Keck and Lick Observatories. Davis is an hour from San Francisco Bay Area and two hours from skiing/hiking in the Sierra Nevada mountains.

The appointment will be via renewable one-year terms, up to three years, contingent upon performance. Salary, benefits, and research funds are competitive. The starting date is negotiable, nominally September 2017.

Applicants should send via email (1) cover letter, (2) curriculum vitae, (3) publication list, and (4) description of past and future research (up to 4 pages), all in a single PDF, to Ms. Michelle Vasquez at mlvasquez@ucdavis.edu.

Arrange for at least three letters of reference to be emailed to the same address. For full consideration, send by December 16. For questions, contact Prof. Andrew Wetzel at awetzel@ucdavis.edu.

The University of California, Davis is an affirmative action/equal opportunity employer with strong commitment to achieving diversity among its faculty/staff.