

PLEASE POST

**Postdoctoral Position in Theoretical Astrophysics**  
**THE UNIVERSITY OF ARIZONA**

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Attention: Adam Burrows

The University of Arizona's Department of Astronomy and the new DOE/SciDAC Supernova Science Center (<http://www.supersci.org>) have openings for postdoctoral research associates in the broad areas of supernova theory, radiation-hydrodynamics, nuclear astrophysics, and numerical astrophysics. The successful candidate will join researchers at the University of Arizona, the University of California at Santa Cruz, Los Alamos National Laboratory, and Livermore National Laboratory who are part of a new initiative funded by the US DOE to study both core-collapse and thermonuclear supernovae. The major goal of this endeavor is an improved theoretical understanding of supernovae and their observational signatures through the development of advanced tools for numerical simulation. Exceptional computational resources, opportunities for collaboration, access to nuclear databases, and research and travel funds will be available to the successful candidate.

In addition, the research associates will become members of the Theoretical Astrophysics Program at the University of Arizona, which now involves 25 theorists in the Departments of Astronomy, Physics, and Planetary Sciences. Subjects under active investigation in that program, apart from supernova theory, are cosmology, galaxy formation, cosmic-ray acceleration, planetary interiors and atmospheres, CMB studies, gamma-ray astrophysics, accretion disks, impact cratering, celestial mechanics, neutrino astrophysics, magnetohydrodynamics, solar physics, and brown dwarf theory.

By the start date in FY2002 (flexible), the candidate must have a Ph.D. in Physics, Astronomy, Computational Science, or a related field. The appointment will be for three years, subject to availability of funding and suitable performance on the part of the appointee. To apply, please submit a CV, a list of publications, and a statement of research interests and accomplishments and have three letters of reference in support of the candidate sent directly to Carmen Henley ([chenley@as.arizona.edu](mailto:chenley@as.arizona.edu)) or Professor Adam Burrows at the above address. The application review process will begin November 15, 2001 and will continue until the position is filled.

**The University of Arizona is an EEO/AA Employer—M/W/D/V**