

Program Number: 06451

## Postdoctoral Research Associateships - Joint Institute for Laboratory Astrophysics

**SYNOPSIS:** The Joint Institute for Laboratory Astrophysics (JILA) supports an active postdoctoral research associates program for young scientists desiring advanced research training soon after being awarded a Ph.D. Appointments to the program are offered for durations of one year or more. Young researchers often undertake postdoctoral research to gain experience in a new field or expand their experience in applied research, theoretical analysis, or experimental research.

### Contact Information

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Program URL: <http://jila.colorado.edu/content/postdoctoral-research-associates>

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### DEADLINE NOTE

Appointments are offered throughout the year with many appointments starting in September. It is advantageous to the applicants to submit application materials early in the year. Candidates whose applications are completed by November 1 may request to be considered for both Research Associates and the Visiting Fellows programs.

Award Type(s): Fellowship, In-Residence

Citizenship/Country of Applying Institution: Any/No Restrictions

Locations Tenable: U.S.A. Institution (including U.S. Territories)

Appl Type(s): Postdoctoral

Geo. Restricted: NO RESTRICTIONS

**OBJECTIVES:** JILA is devoted to applied research in the fields of laser technology, optoelectronics, precision measurement, surface science and semiconductors, information and image processing, and nanoscience. The institute also promotes groundbreaking basic research in atomic, molecular and optical physics, precision measurement, astrophysics, chemical physics, biophysics, and nanoscience. JILA's theoretical astrophysics investigations are typically complemented by observational programs at astronomical and space research facilities around the world.

#### ELIGIBILITY

Postdoctoral positions are offered to applicants whose scholarly qualifications, promise as research scientists, and research interests and experience mesh well with JILA's ongoing research programs and the availability of funding for these programs. Applicants from all countries are welcome.

#### FUNDING

Salaries vary according to experience, qualifications, and funding source. In addition to salaries and fellowships, JILA may offer to pay for transportation to Boulder (up to the amount of coach airfare) for the appointee, spouse, and minor children. Allowances to assist with moving and appropriate professional travel expenses are often available.

#### KEYWORDS:     Image Processing

Semiconductors

Surface Science

Astrophysics

Biophysics

Lasers and Masers

Atomic Physics

Chemical Physics

Precision/Measurement Science

Molecular Physics

Nanotechnology

Optoelectronics