



Cometary Science – Astrobiology Postdoctoral Fellow – Institute for Astronomy, University of Hawai'i Manoa

The Institute for Astronomy (IfA) and the University of Hawai'i's NASA Astrobiology Institute lead team (see <http://www.ifa.hawaii.edu/UHNAI/>) invites applications for one, possibly two Postdoctoral Fellows with interests in the area of small icy body observations. The Fellowship will be available in early 2009 upon availability of funds. The Fellowship is for three years assuming satisfactory progress and continued availability of funds. Fellows will receive a stipend of approximately \$4,800 per month, a small relocation allowance and basic research costs.

The UH lead team maintains an innovative and multi-disciplinary research environment linking astronomical, biological, microbiological, chemical, and geological sciences to investigate the origin, history, distribution and role of water as it relates to life in the universe. The program centers around interactions with an interdisciplinary group of postdoctoral fellows. We are seeking individuals to participate in one or more of the following research areas: 1) observation, modeling, and in-situ exploration of the physical properties of main belt comets; 2) observation and modeling of the properties of distant comets and Kuiper belt objects; 3) observation of the chemical composition of comets at sub-mm and radio wavelengths.

Minimum qualifications include a Ph.D. in astronomy or a related field, a record of research in small body solar system science as demonstrated by publications, good computer and software skills, and expertise in optical, IR, or sub-mm astronomy or thermal modeling of small bodies. Desirable qualifications include experience in working with large databases, experience working with spacecraft data, or instrumentation. Education and public outreach is an integral part of the Astrobiology program and experience with or interest in E/PO will be considered positively in an application.

Questions about the small icy bodies projects may be directed to: Dr. Karen J. Meech or David Jewitt by email (meech@ifa.hawaii.edu, jewitt@ifa.hawaii.edu).

Questions about the UH Astrobiology lead team's program may be directed to Dr. K. J. Meech (meech@ifa.hawaii.edu).

To Apply, please submit the following:

- Contact information - name, email, phone(s), fax, address.
- Current position and location

- Date of Ph.D and where and what field
- Date available if selected for Fellowship.
- If non-US citizen, visa status (note: funding only allows support for fellows on J1-visas)
- Current CV and Bibliography
- Letters of recommendation – Please arrange to have 3 letters of recommendation sent separately.

Application materials can be sent (preferably via email) to:

Via snail mail to: Karen Ehrhorn, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822.

Via e mail to: ehrhorn@ifa.hawaii.edu

Via fax to: NAI Postdoc application, Fax no. (808) 956-4644

Applications will be reviewed beginning February 1, 2009 and will remain open until the Fellowship is filled.