

**Opportunity Title:** Commissioning and Science with MKIDCam  
**Opportunity Reference Code:** 0068-NPP-NOV23-JPL-PlanetSci

**Organization** National Aeronautics and Space Administration (NASA)

**Reference Code** 0068-NPP-NOV23-JPL-PlanetSci

**Application Deadline** 11/1/2023 6:00:59 PM Eastern Time Zone

**Description** We are constructing a new multicolor mm/submm camera for the Caltech Submillimeter Observatory, to be commissioned in 2010. The camera uses lithographed detector arrays fabricated at JPL's Microdevices laboratory (MDL) that incorporate broadband planar antennas, bandpass filter circuits, and microwave kinetic inductance detectors. We are seeking a postdoctoral researcher to participate in commissioning of the instrument and in the initial science program, which will consist of studies of high-redshift submillimeter galaxies, galactic star-forming regions, and the Sunyaev-Zeldovich effect in galaxy clusters.

**Location:**

Jet Propulsion Laboratory  
Pasadena, California

**Field of Science:** Planetary Science

**Advisors:**

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**Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States.** A complete list of Designated Countries can be found at: <https://www.nasa.gov/oiir/export-control>.

Eligibility is currently open to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for an Exchange Visitor J-1 visa status; and,
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

**Eligibility Requirements** • **Degree:** Doctoral Degree.



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