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*SLAC National Accelerator Laboratory is one of 17 Department of Energy (DOE) National Laboratories, and operated by Stanford University on behalf of the DOE. SLAC develops and operates some of the world's premier science facilities, including the first hard X-ray free-electron laser. Research at SLAC explores the structure and function of matter and the properties of energy, space and time, at the smallest and largest scales, all with the goal of solving problems facing society and advancing human knowledge.*

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## Stanford University / SLAC National Accelerator Laboratory

### Research Associate - Experimental

Job

Requisition #: 2580

Classification

**Research Associate - Experimental**

Title:

Grade: NA

Location: **Menlo Park, CA (HQ)**

# of openings: **1**

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## Description

### POSITION OVERVIEW:

SLAC/Stanford/KIPAC CMB group is searching for a Research Associate - Experimental to work with SLAC's quantum sensors for CMB research and development. Specific job duties

include the areas listed below:

- Conduct R&D on next-generation sensors and readout for CMB and related fields.
- Provide interface between SLAC RF engineering team and the CMB science & instrumentation team on specification and development of electronics for next-generation sensors.
- Participate in and lead instrument commissioning and data analysis for CMB science projects as necessary

**Note:** Research Associates at SLAC are fixed term academic appointments. Research Associates are engaged with the design, support, operation and/or scientific exploitation of the major programs of the laboratory, under the guidance of their faculty or Senior Staff Scientist / Distinguished Staff Scientist supervisor. They are expected to work with a significant degree of independence on one or more specific tasks in support of the research program, frequently interacting with the laboratory's scientific community.

If interested, please apply via this link:

<https://chk.tbe.taleo.net/chk01/ats/careers/requisition.jsp?org=SLAC&cws=1&rid=2580>

#### **Qualifications:**

- PhD in Physics, engineering, or related fields.
- Demonstrated track record of expertise and ingenuity relevant to at least one of these areas listed above, but will also have latitude to extend their research into other areas of our CMB program.
- Demonstrated effective written and verbal communication skills.
- Demonstrated ability to work and communicate effectively with a diverse population.
- Demonstrated ability to work independently and in a team environment.

#### **SLAC Employee Competencies:**

- **Effective Decisions:** Uses job knowledge and solid judgment to make quality decisions in a timely manner.
- **Self-Development:** Pursues a variety of venues and opportunities to continue learning and developing.
- **Dependability:** Can be counted on to deliver results with a sense of personal responsibility for expected outcomes.
- **Initiative:** Pursues work and interactions proactively with optimism, positive energy, and motivation to move things forward.
- **Adaptability:** Flexes as needed when change occurs, maintains an open outlook while adjusting and accommodating changes.
- **Communication:** Ensures effective information flow to various audiences and creates and delivers clear, appropriate written, spoken, presented messages.
- **Relationships:** Builds relationships to foster trust, team collaboration, and a positive climate to achieve common goals.

SLAC National Accelerator Laboratory is an Affirmative Action / Equal Opportunity Employer and supports diversity in the workplace. All employment decisions are made without regard to race, color, religion, sex, national origin, age, disability, veteran status, marital or family status, sexual orientation, gender identity, or genetic information. All staff at SLAC National Accelerator Laboratory must be able to demonstrate the legal right to work in the United States. SLAC is an E-Verify employer.

***Final candidates are subject to background checks prior to commencement of employment at the SLAC National Accelerator Laboratory.***

***Internal candidates, who are selected for hire, may require degree verification and/or credit checks based on requirements of the new position.***

For Clery Act Information click here: <http://www.stanford.edu/group/SUDPS/safety-report/security-authorities.shtml>

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SLAC National Accelerator Laboratory, Menlo Park, CA  
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