



Postdoctoral Position at the HARVARD UNIVERSITY: CENTER FOR NANOSCALE SYSTEMS

The Harvard University, Center for Nanoscale Systems invites applicants for a Postdoctoral appointment in Scanning Probe Microscopy and Spectroscopy. CNS offers excellent opportunities for advanced research and study using the centers wide array of instrumentation and nanofabrication tools to explore Quantum Materials and Systems. The current project will support the development of diagnostic techniques to characterize 2D heterostructure systems. Collaborative research with the Harvard/MIT Quantum Materials teams will be an important focus of the program. (To start 5/1/2019)

Eligibility

Ideal applicants should have a PhD in Physics, Chemistry, or a related field with experience in AFM, Near-Field and other Scan probe techniques and well as an understanding of laser spectroscopy, optics and photonics. Well-developed experimental skills are essential. Applicants should be well positioned to conduct original, collaborative research in Quantum Materials Characterization, and to publish their findings in peer-reviewed publications. Applicants are expected to be fluent in English with excellent oral and written communication skills.

Postdoctoral appointment Details

CNS Postdocs are full-time employees of Harvard University during their tenure, with stipends of up to **\$56,000 per year** depending on the duration of the appointment and are eligible for health insurance benefits. **Modest support is available for research expenses and travel costs.** The appointment is **typically awarded for 3 years**, pending a satisfactory progress report at the end of the first year.

This CNS postdoctoral position supports a DOE funded program on 2D Quantum Materials. As such the scholar, will have access to [shared laboratories](#), [resources](#), and interactions with fellow scientists, students and staff. The CNS Executive Director will serve as the faculty host.

Application Information

To be considered for this appointment, online applications should include the following:

- Cover letter
- Research statement
- Curriculum Vitae
- Three references

A simple email will suffice. To apply or if you have questions about the award, CNS resources, or application process, contact the CNS Exec. Director Dr. W. L. Wilson wwilson@cns.fas.harvard.edu.

Additional Information

The Harvard University CNS is equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law and requires pre-employment reference and background screening.

last updated 19-Jan-2019