

Postdoc Position in Semiconductor Quantum Structures and Devices at University of Oklahoma

The Quantum Device Laboratory (QDL) in the School of Electrical and Computer Engineering at the University of Oklahoma invites applications for a postdoctoral research position involving the fabrication and characterization of Sb-based semiconductor devices. The QDL focuses on semiconductor quantum structures and devices such as mid-infrared lasers, photodetectors, and thermophotovoltaic cells particularly based on interband cascade architectures. The interband cascade laser invented by the Director of the QDL is currently working on Mars Curiosity rover and has successfully found organic molecules on Mars. Please find more information in the group website <http://QDL.ou.edu>.

Desirable applicants should have a recent PhD in electrical engineering, physics, or a closely related field, and strong motivation to do high quality research, as well as hands-on experience and good understanding in the fabrication and characterization of semiconductor devices, especially in III-V devices.

The position is available immediately and will remain open until filled. Interested candidates should send a cover letter describing your research interests, CV, and contact information of 3 professional references to Prof. Rui Q. Yang at Rui.Q.Yang@ou.edu. The University of Oklahoma is an Affirmative Action/Equal Opportunity employer and encourages diversity in the workplace.