

Detailed Job Description

Job Title: Postdoctoral Research Associate
Department: Physics,
Institution: Portland State University, Portland, Oregon

Application Deadline: Until position is filled
Position Start Date: Available Immediately

Job Categories: Post-Doc/Research Assistant

Academic Field(s): Physics and Materials Science
Chemical Engineering
Electrical and/or Electronics

URL For Job: <http://physics.pdx.edu/~jiao/>

Postdoctoral Research Associate in the area of carbon nanotube (CNT), semiconductor nanowires and nanodevice fabrication.

Responsibilities: Develop techniques for controlled fabrication of carbon nanotube and semiconductor nanowire based nanodevices and perform electronic and optical characterizations. Maintain close interactions with a research group at Component Research, in Intel Corporation at Hillsboro, Oregon.

Qualifications: Ph.D. in Physics, Materials Science and Engineering, Chemical Engineering, Electrical and Computer Engineering, or a related engineering or science field. Candidates with research experience in carbon nanotube purification, alignment, and electrical and optical characterizations, as well as nanodevice fabrication especially encouraged to apply.

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The position is scheduled to start as soon as the selected candidate is available. The position is for one year, renewable for up to three years.

Candidates should send their application materials including a cover letter, a resume, and three letters of reference to:

Prof. Jun Jiao
Physics Department
Portland State University
P.O. Box 751
Portland, OR 97207
Phone Number: (503) 725-4228,
Fax Number: (503) 725-2815
E-mail: jiao@pdx.edu

EEO / AA Policy: Portland State University is an Equal Opportunity /Affirmative Action Employer.

Please Refer this Job to a Friend or Colleague