

# Career Lookout

## Bachelor's Degree Required

### **Control System Staff Engineer or Senior Software Physicist at Michigan State University Facility for Rare Isotope Beams (FRIB)**

<http://frib.msu.edu/careers>

Michigan State University is designing and establishing the Facility for Rare Isotope Beams (FRIB), a national user facility for the U.S. Department of Energy Office of Science. FRIB will enable scientists to make discoveries with rare isotope beams and take about a decade to establish. The FRIB Project enjoys enthusiastic support from the university community, the university administration, the Nuclear Physics Program with DOE and the nuclear science community. We are looking to add motivated individuals to our project team.

### **Optical Engineer at Washington State University**

[http://shock.wsu.edu/DCS\\_Optical\\_Engineer\\_2-2013.pdf](http://shock.wsu.edu/DCS_Optical_Engineer_2-2013.pdf)

Washington State University (WSU) is seeking to hire a strongly self-motivated, talented Optical Engineer (Administrative/Professional Staff Member) to support the research activities at a first-of-a-kind experimental user facility: Dynamic Compression Sector (DCS) at the Advanced Photon Source (APS), Argonne National Laboratory. The DCS, dedicated to time-resolved, X-ray measurements under dynamic compression, represents a partnership between WSU and APS. Ultimately, the location for this WSU position is the Advanced Photon Source, Argonne National Laboratory, Argonne, IL. Initially, the individual hired in this position will be temporarily located in Pullman, WA to obtain hands on experience on the capabilities used to make measurements under dynamic compression.

### **Executive Director, Acoustical Society of America**

<http://acousticalsociety.org/content/executive-director-acoustical-society-america>

The Acoustical Society of America (ASA), the premier international scientific society in acoustics, seeks an Executive Director. The job of the Executive Director is to help the ASA achieve its goal of increasing and diffusing the knowledge of acoustics and its practical applications. The ASA organizes and runs scientific meetings, publishes the leading journal in the field, develops national and international standards, and undertakes programs in public policy and education on behalf of its 7500 members. The Executive Director oversees and administers Society business activities and is responsible for smooth functioning of the ASA in accord with policies and guidance provided by the Executive Council of the Society. The successful candidate will be available for full time service by October 1, 2013.

Deadline: April 15, 2013

### **Upper School Physics Teacher - 1 year leave coverage at The Blake School**

<http://blakeschool.atsondemand.com/index.cfm?fuseaction=512201.viewjobdetail&CID=512201&JID=418335>

The Blake School seeks to hire a dynamic Physics teacher capable of teaching at all levels, including Regular, Honors, and AP Physics C, in Grades 11-12. This is a one-year position to cover a sabbatical leave for the 2013-2014 school year. The ideal candidate has extensive classroom experience, demonstrated skills in inquiry-based instruction, and strong familiarity with physics education research.

## Masters or PhD Required

### Junior Research Position in Environmental Physics at University of Heidelberg

<http://careers.agu.org/m/jobs/detail/?job=5186623>

The Department of Physics and Astronomy at Heidelberg University invites applications for a junior research group leader in environmental physics. The position is open in the context of the Heidelberg Graduate School of Fundamental Physics, granted in the framework of the "Excellence Initiative" of the German Federal and State Governments. It should focus on questions of fundamental physics in the field of environmental research with possible links to the other areas of research in fundamental physics at Heidelberg University, which encompass particle physics and cosmology, astronomy and cosmic physics, quantum dynamics and complex quantum systems, complex classical systems, and mathematical physics. The successful candidate will be supported in building up an independent research group including associated doctoral positions with significant startup funding available for an experimental group. He or she is expected to supervise doctoral projects in environmental physics and contribute to the Graduate School's teaching programme.

### Accelerator Physicist, Accelerator Systems Division Project Engineer, Detector Physicist, Magnet Physicist, and more at Michigan State University Facility for Rare Isotope Beams (FRIB)

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Deadline: 20th April 2013

## Fellowships & Postdocs

### Vienna Quantum Fellowships at The Vienna Center for Quantum Science and Technology

<http://vcq.quantum.at/application-fellowships.4124.html>

These Fellowships in Experimental or Theoretical Quantum Science will be awarded both on the PhD- and the postdoc-level on the basis of an international competition. The appointments are for a three-year duration. Postdoctoral Fellowships carry a competitive annual salary, and offer an annual research expense fund. PhD Fellowships will participate in the Vienna graduate program CoQuS.

Deadline: April 28, 2013

### Schuler Postdoctoral Fellowship at National High Magnetic Field Laboratory

<http://www.magnet.fsu.edu/about/howwework/postdocs.html>

The National High Magnetic Field Laboratory invites applications for a 2-year post-doctoral fellowship under the Schuler Fellowship Postdoctoral Program. Applicants are expected to have strong research records and interests in any of the scientific and engineering disciplines at the NHMFL.

Deadline: May 31, 2013.

### Two-year Full-time Postdoctoral Fellowship in Acoustics

<http://deanofthefaculty.vassar.edu/positions/phaspdacoust-121030.html>

The Department of Physics and Astronomy at Vassar College, in collaboration with the Consortium for Faculty Diversity (CFD) in Liberal Arts Colleges, invites applications for a two-year full-time postdoctoral fellowship in acoustics beginning late May 2013 through late August 2015. The Fellow will teach the equivalent of three courses each academic year, and should have the ability to teach physics at the introductory level. Additionally, the Fellow will assist with an on-going, NSF-funded, acoustics research project during the academic year and summer months.

### Post-Doctoral Research Associates, Computational Materials Theory at CSUN

<http://www.csun.edu/~nkioussi/postdoc.html>

Several postdoctoral positions are available in the Computational Materials Theory Center at California State University Northridge for research in strongly correlated electron systems, multiscale modeling of materials, ranging from electronic structure and atomistic processes to transport phenomena. We are looking for candidates having a strong background in at least one of the following fields: strongly correlated electron systems, computational materials physics, first-principles electronic structure theory, molecular dynamics and Monte Carlo simulations, and non-equilibrium transport.

### Postdoctoral Position in Film Growth and Scanning Probe Microscopy at Harvard

<http://jobs.physicstoday.org/jobs?keywords=employer%3A%22Harvard%20University%22#/detail/5237146>

Applications are invited for a postdoctoral associate to conduct scanning probe microscopy (STM and/or force microscopy) experiments on strongly correlated or topological materials. The successful candidate will contribute to integrating a newly purchased MBE system into a lab with three working low temperature scanning probe microscopes. The candidate will use the MBE system and microscope(s) to study ultra-clean and atomically flat surfaces of materials unavailable via bulk synthesis techniques.

## Find more jobs at...

<http://career.engin.umich.edu/employers/careerfairs.html>

<http://careers.aapm.org/jobs>

<http://careers.physicstoday.org>

<http://www.aps.org/careers/employment/>

<http://wdrs.fnal.gov/employ/index.html>

<http://www.indeed.com>

<http://www.aps.org/careers/employment/internships.cfm> (Internships)