



Classifieds



College of Engineering
University of Nevada, Reno

TENURE-TRACK ASSISTANT PROFESSOR POSITION IN MATERIALS SCIENCE AND ENGINEERING, UNIVERSITY OF NEVADA, RENO

The Chemical and Materials Engineering (CME) Department at the University of Nevada, Reno (UNR) invites applications for a tenure-track Assistant Professor position in Materials Science and Engineering with focus on nuclear materials. Candidates must have a doctorate degree in Materials Science and Engineering/Metallurgy/Nuclear Engineering or another relevant field. Because this permanent position has funding from a grant imposing specific requirements, the candidate must be a US Citizen/ US National or a Permanent Resident (holder of a green card).

Preferred areas of research include modeling and simulation of: corrosion, radiation damage, in-service behavior, mechanical behavior, deformation and failure mechanisms, and others. However, both computational modelers and experimentalists in all areas of nuclear materials are encouraged to apply. In instruction, the candidate must be able to teach Nuclear Engineering courses at the undergraduate level.

Detailed information can be found at the following websites: CME Department (<http://www.unr.edu/cme>), College of Engineering (www.unr.edu/engineering), and the University (www.unr.edu). Candidates should submit the following items through the online application system (<https://www.unrsearch.com/postings/19041>). Applications should be completed by January 10th to ensure full consideration. For further information the candidate may contact Dr. Dev Chidambaram (dcc@unr.edu).

The university of Nevada, Reno is committed to Equal Employment Opportunity/Affirmative Action in recruitment of its students and employees and does not discriminate on the basis of race, color, religion, sex, age, creed, national origin, veteran status, physical or mental disability, and sexual orientation. The University of Nevada, Reno employs only United States citizens and aliens lawfully authorized to work in the United States. Women and under-represented groups are encouraged to apply.

Questions on placing a JOM classified advertisement?

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THAYER SCHOOL OF
ENGINEERING
AT DARTMOUTH

HARRIS CAREER DEVELOPMENT ASSISTANT PROFESSORSHIP IN ENERGY-RELATED COMPUTATIONAL MATERIALS SCIENCE

The Thayer School of Engineering at Dartmouth seeks to fill the Harris Career Development Assistant Professorship in energy-related computational materials science and engineering. The successful candidate will have a doctorate in materials science, engineering or a closely related field, will show promise of leading an externally-funded research program targeting transformational advances in energy conversion and/or utilization via computational modelling and prediction of energy materials, and will be a gifted teacher with motivation and expertise that complements the Thayer School's interdisciplinary approach to engineering education. The successful candidate will contribute to a distinctive research and education program addressing innovative technological responses to societal energy challenges. The Thayer School of Engineering is planning a significant expansion of faculty and programs, and this position is one of several hires in the energy area.

Review of applications will begin January 1st, 2016. A complete CV, statement of research and teaching interests, and contact information for three references should be sent as a PDF via email to Thayer.Energy.Materials.Search@dartmouth.edu.

Dartmouth is a member of the Ivy League and consistently ranks among the world's greatest academic institutions. Home to a celebrated liberal arts curriculum and pioneering professional schools, Dartmouth has shaped the education landscape and prepared leaders through its inspirational learning experience. The College has forged a singular identity, combining its deep commitment to outstanding undergraduate liberal arts and graduate education with distinguished research and scholarship in the Arts and Sciences and its three leading professional schools — Geisel School of Medicine, Thayer School of Engineering, and Tuck School of Business. For more information see <http://engineering.dartmouth.edu>.

Home to Dartmouth College, the Upper Connecticut Valley is a vibrant, academic and professional community offering excellent schools, lively arts, and an unmatched quality of life in a beautiful setting. Amenities associated with urban areas in Boston MA, Burlington VT, and Montreal QC are all within a few hours drive.

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including women, minorities, individuals with disabilities, veterans or any other legally protected group.

**SENIOR STAFF ENGINEER –
PHYSICAL METALLURGY
RESEARCH AND
TECHNOLOGY DEPARTMENT**

**Haynes International, Inc.
-Kokomo, IN**

The purpose of this position is to provide expertise in the area of physical metallurgy of high-temperature and corrosion-resistant alloys to enable Haynes to develop, manufacture, characterize, and promote new alloy products for traditional and emerging applications. This role also provides technical service and support to the mill, Sales, Marketing, and customers in various industries. Education: M.S. (R=Required) / Ph. D. (P=Preferred). Experience: 10 yrs relevant experience with M.S. or 5 yrs with Ph. D. in primary metals industry (or related end-user) R&D. Areas of Knowledge: Advanced physical metallurgy and analytical techniques (R). Melting/solidification of superalloys, thermodynamics and computational techniques. (P) Skills: Interpersonal communications; technical writing; word processing and spreadsheet (R).

Those interested can view this posting at www.haynesintl.com under Employment Opportunities all of which will allow you to submit a resume for consideration or reply to haynescareers@haynesintl.com.

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**Professor and Department Head, Physics
Worcester Polytechnic Institute**

Worcester Polytechnic Institute (WPI) invites applications for the position of Head of the Physics Department. The new department head will support the ongoing efforts of the faculty to enhance the national reputation of the department by building on its existing strengths, and facilitating new opportunities in both research and teaching. These include both the undergraduate and graduate programs, as well as fostering interaction with industry, and further developing interdisciplinary programs. Successful applicants will have a Ph.D. in Physics or a closely related field, and demonstrated abilities in academic program development and leadership, as well as excellent inter-personal skills and a commitment to foster diversity. They will also be expected to maintain active scholarly activity at a level adequate to the rank of full professor in Physics.

The Physics Department Head is responsible for the academic operations of the department, development of the Physics faculty, and for maintaining the high quality of the department's programs and facilities. The WPI Physics Department (<http://www.wpi.edu/+physics>) has undergone considerable growth in research capacity in recent years, and is well poised for further expansion. Major areas of research include Biophysics/Soft Matter, Optics, Transport Phenomena, Nanoscience, Medical & Health Physics, and Nuclear Science. There are currently 89 students in the undergraduate program and 40 in the graduate (MS/Ph.D.) program, with 10 Tenure/Tenure Track Faculty and 9 Non-Tenure Track full-time faculty.

The Physics Department promotes excellence in interdisciplinary and translational research, and high quality teaching. A large part of the teaching effort in the department is directed toward the introductory physics sequence, which serves the majority of students at WPI. The Physics faculty maintains a diverse portfolio of research with expenditures totaling \$1.3 M annually from funding sources such as the NIH, NSF, DOD, American Heart Association, NRC, and private foundations. The Physics Department faculty have several collaborative relationships with the University of Massachusetts Medical School, which is 2 miles from the WPI campus, as well as with many other institutions in New England area.

WPI, founded in 1865 and located one hour west of Boston, is one of the nation's oldest technological universities. WPI is a highly selective private university with an undergraduate student body of over 4,000 and 1,900 full time and part-time graduate students enrolled in more than 50 Bachelor's, Master's, and Ph.D. programs. Its innovative project-enriched curriculum engages students and faculty in real-world problem solving, often at one of WPI's global project centers. U.S. News and World Report consistently ranks WPI among the top 100 national universities and College Factual lists WPI in the top 10 Best Engineering Schools in the U.S.

Applications should include a detailed curriculum vitae, a vision statement for the department, and statements of teaching and research interests. The applicants should also submit a list of five professional reference letters, at least one addressing leadership experience, along with the other application materials via <https://careers.wpi.edu/postings/3027>. Applications from underrepresented minorities in Physics are especially encouraged. Review of applications will begin on December 1, 2015 and will continue until the position is filled. For more information please contact the chair of the hiring committee: Professor Luca Capogna at lcapogna@wpi.edu.

We are an Equal Opportunity Employer and do not discriminate against applicants due to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran status or disability. We are looking for individuals who value creativity, diversity, inclusion, and collaboration. Criminal Background check statement: A pre-employment criminal records check is required.



WPI

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