

## MATERIALS RESOURCE CENTER: *Positions Available*



THE UNIVERSITY OF UTAH  
Department of  
Metallurgical Engineering

### Faculty Position – Tenure Track

The Department of Metallurgical Engineering at the University of Utah seeks to fill a tenure-track faculty position with an availability date of July 1, 2013. Hiring at the assistant, associate or full professor level is anticipated. Applicants with teaching and research interests involving high-temperature chemical (pyrometallurgy) or physical processing of metals and advanced materials, hydrometallurgy, metallurgical thermochemistry including computational thermodynamics, and energy materials are encouraged to apply. The department has a rich tradition of excellence in all aspects of metallurgical engineering including mineral processing, chemical metallurgy, physical metallurgy, metallurgical processing, and manufacturing technologies.

The successful candidate should demonstrate a strong commitment to excellence in undergraduate and graduate education, and should also document the capability of establishing a strong externally funded research program. A doctoral degree in metallurgical engineering or an allied field is required. Salary and rank will be commensurate with qualifications and experience. Candidates who have demonstrated extraordinary accomplishments in research, teaching, and administrative service, who may be interested in serving as Department Chair and indicate the interest in their application letter, will be considered for the position. Demonstration of a strong commitment to and experience in undergraduate student recruitment is highly encouraged, especially for the position of Chair.

Review of applications will begin October 1, 2012 and continue until the position is filled. Interested candidates are invited to submit a cover letter, a resume with a publication list, and the names, e-mail addresses, and telephone numbers of at least three professional references. The direct link to apply is: <http://utah.peopleadmin.com/postings/17405>.

*The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans preference. Reasonable accommodations provided. For additional information: <http://www.regulations.utah.edu/humanResources/5-106.html>.*

*The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a [strong or demonstrated] commitment to improving access to higher education for historically underrepresented students.*



Titanium Metals Corporation (TIMET) is one of the largest producer of titanium alloy products in the world. We have exciting opportunities in our research group at our Technical Laboratory in Henderson, NV.

We are seeking an individual with a strong background in physical metallurgy/materials engineering with an interest in career in R & D. Minimum 2 years of R & D experience is required. Advanced degrees with Masters or Ph.D. are preferred. Candidate must be US Citizen or Permanent Resident. Send resume to: [HendersonHR2@timet.com](mailto:HendersonHR2@timet.com)  
OR fax: 702-565-7983

# JOM

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### FACULTY POSITION

THE UNIVERSITY OF TENNESSEE KNOXVILLE

### ASSISTANT PROFESSOR – MATERIALS SCIENCE AND ENGINEERING

The Department of Materials Science and Engineering (MSE) at the University of Tennessee invites applicants for a tenure-track faculty position at the Assistant Professor Level. The successful candidate will be expected to develop strong externally funded research programs in an area of interest to the department, including, but not limited to: advanced materials synthesis and characterization, materials for advanced energy systems, and computational materials science. These research areas are also emphasized by the nearby (20 miles) Oak Ridge National Laboratory (ORNL), with which the department has strong research interaction. The ORNL facilities that are of special interest include the Center for Nanophase Materials Science (CNMS), the Oak Ridge Leadership Computing Facility (OLCF) and the Spallation Neutron Source (SNS).

Applicants must hold a PhD in Materials Science and Engineering or closely related field and have an established record of excellence in their area of specialization. The successful candidate must be qualified to teach materials science and engineering courses at both the undergraduate and graduate levels. More details about the department can be found at <http://www.engr.utk.edu/mse>.

The University of Tennessee, Knoxville, is the state's flagship research institution. As a land-grant university, it is committed to excellence in learning, scholarship, and engagement with society. In all its activities, the university aims to advance the frontiers of human knowledge and enrich and elevate society. The MSE Department has a diverse faculty with broad research interests. The University offers world-class research opportunities, including interdisciplinary collaborative research centers: Scintillation Materials Research Center (SMRC), Center for Materials Processing (CMP), Joint Institute for Advanced Materials (JIAM), Joint Institute for Neutron Sciences (JINS), Joint Institute for Computational Sciences (JICS).

The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University. Interested individuals should submit electronically a complete curriculum vitae (no length restriction), a research plan and a summary of teaching interests (2 page maximum each), and the names and contact information (including e-mail addresses) of five potential references to: [MSEsearch@utk.edu](mailto:MSEsearch@utk.edu). Screening will begin around November 1, 2012 and will continue until the position is filled.

*The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.*

## MATERIALS RESOURCE CENTER: Positions Available

### POST-DOCTORAL RESEARCH FELLOW IN CORROSION AND STRESS CORROSION CRACKING

#### University of Michigan

A post-doctoral scholar position is available in the area of corrosion and stress corrosion cracking in the Department of Nuclear Engineering and Radiological Sciences at the University of Michigan. The successful candidate will play a leading role in a project aimed at characterizing and understanding corrosion and stress corrosion cracking of ferritic materials in high temperature water. The project involves conducting experiments using a high temperature autoclave system. Candidates must have a Ph.D. and a background in corrosion, electrochemistry, behavior of materials in high temperature water, and preferably some knowledge of irradiation effects on materials. The position is for one year and is renewable for up to three years.

Please send CV and the names of three references to:  
Prof. Gary S. Was  
Department of Nuclear Engineering and Radiological Sciences  
1921 Cooley Bldg.  
University of Michigan  
Ann Arbor, MI 48109-2104  
Phone: (734) 763-4675  
FAX: (734) 763-4540  
e-mail: gsw@umich.edu

*The University of Michigan is a non-discriminatory, affirmative action employer.*

### MATERIALS SCIENCE AND ENGINEERING EXPERIMENT & COMPUTATION RANK OPEN

#### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Two open-rank faculty positions, experimental and computational/theoretical, are announced by the Department of Materials Science and Engineering at the University of Illinois at Urbana-Champaign. Having recently made multiple hires in the area of biomaterials, we now seek exceptional candidates for tenure-track or tenured faculty positions with experimental or computational/theoretical expertise in any non-biological area of materials science and engineering, materials chemistry or materials physics. Faculty members in the Department are expected to teach undergraduate and graduate courses, and initiate and sustain a vigorous graduate research program. Applicants must provide a curriculum vita that includes their teaching experience and interests, a list of publications, and a synopsis of a proposed program of research. Candidates for tenure-track positions must have three (3) letters of reference sent directly to the department. Candidates for tenured positions must have achieved national and international recognition for their scholarship; they must include the names and contact information of at least three (3) references.

The Department presently has 25 faculty and more than 370 undergraduate and 165 graduate students, with highly ranked graduate and undergraduate programs. Extensive state-of-the-art experimental and computational facilities are housed on campus in the Frederick Seitz Materials Research Laboratory, the Beckman Institute, and the National Center for Supercomputer Applications. As part of the new Blue Waters Campus Initiative, a Center for Extreme-Scale Computation will be launched in the fall of 2012 and will provide access to additional exceptional computing facilities.

Applicants must hold an earned doctorate in an appropriate field. Salary and rank will be commensurate with qualifications. The proposed starting date for these positions is as soon as possible after the closing date. To ensure full consideration, applications must be received no later than November 16, 2012. The evaluation of applications by the search committee will begin before this date, and interviews may take place during the application period, but no decisions will be made until after the closing date.

To apply for this position, please create a candidate profile at <http://jobs.illinois.edu> and upload your letter of application and resume no later than November 16, 2012.

If you do not have online access, please contact the department office for further options:

Department of Materials Science and Engineering  
1304 W. Green St.  
Urbana, IL 61801  
Telephone: (217) 333-1440  
Fax: (217) 333-2736  
Email: mse@illinois.edu

*The University of Illinois is an Equal Opportunity/Affirmative Action Employer. The administration, faculty and staff embrace diversity and are committed to attracting qualified candidates who also embrace and value diversity and inclusivity.*

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#### Michael Heineman, Meta-Find, Inc.;

P.O. Box 610525, Bayside, NY, 11361;  
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E-mail: [mikeh@meta-findny.com](mailto:mikeh@meta-findny.com);  
Web: [www.meta-findny.com](http://www.meta-findny.com)

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