



DEPARTMENT HEAD IN METALLURGICAL & MATERIALS ENGINEERING

The Department of Metallurgical and Materials Engineering (MTE) at The University of Alabama (UA) seeks applications and nominations for the position of Department Head.

The University of Alabama has experienced unprecedented growth and prosperity over the last decade including significant increases in undergraduate and graduate enrollment within the College of Engineering. The MTE Department offers B.S., M.S., and Ph.D. degrees in Metallurgical and Materials Engineering as well as an interdisciplinary Ph.D. degree in Materials Science. The department is currently comprised of ten full-time faculty with active funded research and enrolls more than 150 undergraduate and graduate students. The Department has a strong history of research and teaching in the areas of solidification science and molten metal processing, materials characterization, mechanical behavior, thin film deposition, magnetic materials and devices, nanomaterials and computational materials science. It is also actively involved in a number of multidisciplinary research facilities and centers on campus including the Center for Materials for Information Technology, the UA Central Analytical Facility, and the UA Micro-Fabrication Facility. Numerous exciting opportunities exist for interdisciplinary research and innovative engineering education with the completion of the \$300M Engineering and Science Complex, which provides nearly one million square feet of state-of-the-art research and instructional space. The MTE Department is located in the North Engineering Research Center and the Ray L. Farabee Metalcasting Laboratory, which together provide more than 100,000 net square feet dedicated to metallurgical and materials research. More information about the Department of Metallurgical & Materials Engineering can be found at <http://mte.eng.ua.edu/>.

Applicants must have: (i) earned doctoral degrees relevant to the program with at least one degree in Metallurgical Engineering, Materials Science and Engineering, or in a closely related discipline; (ii) have academic achievements commensurate with a tenured appointment at the rank of Full Professor in MTE; (iii) a strong track record of sustained excellence in research, including extramural funding coupled with an appreciation of an academic research culture; and (iv) a commitment to diversity and inclusiveness.

The Department Head will be expected to provide visionary academic and administrative leadership to a dynamic faculty. Desirable attributes include: (i) the ability to promote sponsored research programs; (ii) catalyze new research and educational initiatives that mesh with the vision and goals of the College of Engineering; (iii) recruit, develop, and mentor faculty and students; (iv) leverage the multidisciplinary culture of the Department, College and University; (v) be familiar with curricular design and program accreditation processes, and (vi) interact with government, industry, other universities and alumni to build the stature of the program and foster economic development.

Review of applications will begin immediately, and applications will be accepted and reviewed continuously until this position is filled. Applicants must submit a cover letter, complete curriculum vitae, a vision statement and a list of at least three references with contact information. Applications must be submitted electronically at <https://facultyjobs.ua.edu>, requisition 0811077. For more information or to provide a nomination, please contact:

Dr. Mark L. Weaver, Professor
 Chair of Search Committee
 Department of Metallurgical and Materials Engineering
 The University of Alabama, Box 870202
 Tuscaloosa, AL 35487-0202
 Email: mweaver@eng.ua.edu
 Phone: 205-348-7073; Fax: 205-348-2164

The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, pregnancy, age, genetic or family medical history information, disability, or protected veteran status, or any other legally protected basis, and will not be discriminated against because of their protected status. Applicants to and employees of this institution are protected under Federal law from discrimination on several bases.



College of
Engineering
Metallurgical and Materials Engineering



MRS Career Central is a one-stop shop for all your career development needs.

www.mrs.org/careers-advancement

Hosted on our Career Central website, **the MRS Job Board is FREE to job seekers**, serving as the first place to turn to find job openings in the materials science field. The Job Board allows quick and easy access to hundreds of industry-specific job listings, anonymous resume posting and job-alert options to meet your specific needs.

Career Fairs at MRS Spring and Fall Meetings continue to serve as forums to expand your career or your company—providing on-site job interviews, mentoring sessions, resume critiques and mock interviews.

Additional Professional Development sessions or workshops are also offered at MRS Meetings and may include:

- ◆ Preparing for Your Next Job Interview
- ◆ Negotiating a Job Offer
- ◆ Essentials of Getting Your Work Published
- ◆ How to Use Your Social Media to Connect with Your Colleagues and the Press

FACULTY POSITIONS

W MATERIALS SCIENCE & ENGINEERING UNIVERSITY of WASHINGTON

The Department of Materials Science and Engineering at the University of Washington invites applications for two tenure-track faculty positions. The University of Washington faculty engage in teaching, research, and service. Therefore, the ideal candidates will welcome interdisciplinary collaborations and seek to develop dynamic programs that may involve other departments from the College of Engineering, from the chemical, physical and biological sciences, and from the School of Medicine. For more information on the department, please visit www.mse.washington.edu.

Composite Materials and Manufacturing

A full-time tenure-track faculty position (0116) with a nine-month service period with primary interests in the field of composite materials and manufacturing to start Fall 2018.

Qualified applicants should include the following documentation and information with their letter of application: a detailed resume, a list of publications, clear and concise statements of teaching, research interests and objectives (3 pages maximum), and the contact information of five referees. Application materials must be submitted online via the College of Engineering's Faculty Search Tool at https://www.engr.washington.edu/facsearch/apply.phtml?pos_id=235 (Reference #18008). Evaluation of applicants will continue until the position is filled. Questions about the details of this search or position should be directed to the search committee by email to Prof. Dwayne Arola at darola@uw.edu.

Computational Materials

A full-time tenure-track faculty position with a nine-month service period in the area of computational materials science to begin July 2018 or on a mutually agreed date thereafter.

Applicants should include the following documentation and information with their letter of application: a detailed resume, a list of publications, clear and concise statements of teaching, research interests and objectives (3 pages maximum), and the contact information of five referees. Application materials must be submitted online via the College of Engineering's Faculty Search Tool at https://www.engr.washington.edu/facsearch/apply.phtml?pos_id=236 (Reference #18008). Evaluation of applicants will continue until the position is filled. Questions about the details of this search or position should be directed to the search committee by email to Prof. Peter Pauzaskie at peterpz@uw.edu.

The University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, protected veteran or disabled status, or genetic information.

FACULTY POSITION IN METALLURGICAL & MATERIALS ENGINEERING

The Department of Metallurgical & Materials Engineering (MTE) at The University of Alabama (UA) seeks outstanding applicants at the Assistant Professor level. We are looking for a strong candidate in transportation materials. The applicant with expertise in the areas of transport phenomena in materials processing, chemical-metallurgy, mechanical metallurgy, and ferrous and nonferrous process metallurgy is encouraged to apply. Applicants must hold a Ph.D. degree in Metallurgical Engineering or Materials Science and Engineering. The successful candidate will be expected to develop a strong externally funded research program and to excel in teaching.

The University of Alabama has experienced unprecedented growth and prosperity over the last decade including significant increases in undergraduate and graduate enrollment within the College of Engineering and the completion of the new North Engineering Research Center which has more than 100,000 net square feet dedicated to materials research. Transportation is one of the four priority research areas identified at UA. Additional opportunities and resources may be available through the Alabama Transportation Institute. The MTE department is currently comprised of ten full-time faculty members with active funded research grants and enrolls more than 150 undergraduate and graduate students. The Department has a strong history of research and teaching in the areas of solidification science, molten metal processing and computational materials science. More information about the Department of Metallurgical & Materials Engineering can be found at <http://mte.eng.ua.edu>.

Review of applications will begin immediately and continue until the position is filled. Applicants must submit a cover letter, complete curriculum vitae, a research statement, a teaching statement, and a list of at least three references with contact information. Applicants are required to apply electronically at <http://facultyjobs.ua.edu>, requisition 0811106. For more information, please contact:

Dr. R.G. Reddy, Professor
Chair of Search Committee,
Metallurgical and Materials Engineering
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The Department is committed to building a diverse educational environment and encourages applications from underrepresented groups including minorities, women, and people with disabilities. The University of Alabama is an equal opportunity, affirmative action, Title IX, Section 504, ADA employer. Salary is competitive and commensurate with experience level.



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