

## IOWA STATE UNIVERSITY

The Department of **Materials Science and Engineering** ([www.mse.iastate.edu](http://www.mse.iastate.edu)) at Iowa State University (ISU) invites applications for a tenure-track *Assistant Professor* level in technical areas contributory to cutting edge education and research efforts in all areas of Materials Science, for example materials for energy storage systems, quality assured advanced manufacturing, and intelligent soft systems. Exceptional senior candidates in the specified areas may be considered for tenured ranks and/or endowed research chair/professorship positions.

The successful candidate will be expected to develop a vibrant research program, develop an innovative course portfolio at the undergraduate and graduate level in materials science and engineering, and engage in professional and institutional service and leadership. The candidate will have opportunities to engage in significant interdisciplinary collaborations on the Iowa State University campus, including those offered by the Ames Laboratory ([www.ameslab.gov](http://www.ameslab.gov)); a DOE National Laboratory, the Critical Materials Institute ([www.cmi.ameslab.gov](http://www.cmi.ameslab.gov)); the Center for Nondestructive Evaluation ([www.cnde.iastate.edu](http://www.cnde.iastate.edu)); the Center for Advanced Nonferrous Structural Alloys (<https://canfsa.org>); the National Science Foundation Engineering Research Center for Biorenewable Chemicals ([www.cbirc.iastate.edu](http://www.cbirc.iastate.edu)); the Bioeconomy Institute ([www.biorenew.iastate.edu](http://www.biorenew.iastate.edu)); ISU's Office of Biotechnology ([www.biotech.iastate.edu](http://www.biotech.iastate.edu)); the Sensitive Instrument Facility (<https://sif.ameslab.gov>); and the Microelectronics Research Center.

The Department of Materials Science and Engineering has 23 tenured and tenure-track faculty members. This department houses a member of the National Academy of Engineering, a Nobel Prize winner, and a member of the National Academy of Inventors. MSE also has 250 undergraduate students, and 56 graduate students. Sponsored research expenditures of the department are over \$22M per year.

ISU has an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff. We are invested in increasing the participation of those traditionally underrepresented in higher education and seek those who share in this mission.

The successful candidate must have a Ph.D. in materials science or a related science or engineering field. Credentials commensurate with teaching graduate and undergraduate classes in materials science.

Preferred qualifications include:

- B.S. or M.S. in materials science and engineering.
- Significant research in materials science and engineering.
- Experience in university-level teaching at the undergraduate and graduate levels, experience in supervising research of graduate and undergraduate students, and experience in writing, submitting, and administration of research proposals for state, federal, non-profit and/or industrial sponsors.
- Significant industrial collaborations/experience in a related area.

Iowa State University is classified as a Carnegie Foundation Doctoral/Research University-Extensive, a member of the Association of American Universities (AAU), and ranked by U.S. News and World Report as one of the top public universities in the nation. Over 34,000 students are enrolled, and served by over 6,100 faculty and staff (see [www.iastate.edu](http://www.iastate.edu)). Ames, Iowa is a progressive community of 60,000, located approximately 30 minutes north of Des Moines, and recently voted second best most livable small city in the nation (see [www.amescvb.com](http://www.amescvb.com)).

All applications must be submitted electronically at [www.iastatejobs.com/postings/36224](http://www.iastatejobs.com/postings/36224). To ensure consideration, please apply by **December 7, 2018**.

We expect the successful candidate to be in place by March 2019. If you have questions regarding this position, please contact Dr. Katie Bratlie at [kbratlie@iastate.edu](mailto:kbratlie@iastate.edu) or 515-294-7304. Please direct questions regarding the application process to [employment@iastate.edu](mailto:employment@iastate.edu) or to 1-877-477-7485 (toll-free).

*Iowa State University is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, genetic information, national origin, marital status, disability, or protected veteran status, and will not be discriminated against. Inquiries can be directed to the Director of Equal Opportunity, 3350 Beardshear Hall, (515) 294-7612.*