

# IOWA STATE UNIVERSITY

The **Department of Materials Science and Engineering** ([mse.iastate.edu](http://mse.iastate.edu)), in the **College of Engineering** at **Iowa State University** invites applications for the position of Assistant Professor in the areas of inorganic materials (e.g., ceramic and metallic materials). This is a tenure-track faculty position. Hiring at the rank of Assistant Professor is preferred, but exceptional candidates with commensurate experience and proven track record will be considered for Associate and Full Professor ranks.

Successful candidates will be expected to establish, sustain and grow a world-class research program that complements or aligns with the department's areas through independent and collaborative efforts, establish a record of scholarship at the highest levels, contribute to the teaching missions at the undergraduate and graduate levels, engage in institutional service as well as service to the profession. Candidates should have strong communication skills, share our commitment to enhancing excellence through diversity and inclusion and exhibit the potential for long term leadership in supporting the mission of the department, college and university.

The Department of Materials Science and Engineering is committed to sustaining a collegial, positive, and productive environment for each individual and for the collective benefit of all. All faculty members are expected to exhibit and convey good citizenship within department, college, and university activities, interact collegially and maintain the highest standards of integrity and ethical behavior. 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 \$13M 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.

#### Required Minimum Qualifications:

- Ph.D. or equivalent degree in materials science engineering or a related science field.
- Associate Professor candidates must also meet the university standards for appointment to the rank including significant experience/accomplishments in the candidate's area of expertise.
- Full Professor candidates are required to have national distinction, international recognition, and a substantial scholarly record in their area of expertise in addition to the aforementioned requirements.

#### Preferred Qualifications:

- B.S. or M.S. in materials science and engineering.
- Expertise in either ceramic materials or metallic materials, such as their synthesis/processing, properties/performance, characterization; and their applications in sectors such as energy, aerospace, defense, medicine, and electronics.
- Demonstrated interest in university-level teaching at the undergraduate and graduate levels.
- Demonstrated interest in supervising research of graduate and undergraduate students in materials science and engineering.
- Demonstrated interest in writing, submitting, and administration of research proposals for state, federal, non-profit and/or industrial sponsors.
- Demonstrated interest in establishing industrial, federal laboratory, university, and/or international collaboration(s) in a related area.

[Iowa State University](http://www.iastate.edu) 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. More than 36,000 students are enrolled and are served by over 6,200 faculty and staff.

All applications must be submitted electronically at <http://bit.ly/msefaculty>. To ensure consideration, please apply by **November 15, 2019**.

We expect the successful candidate to be in place by March 2020. If you have questions regarding this position, please contact Dr. Peter Collins at [pcollins@iastate.edu](mailto:pcollins@iastate.edu) or 515-294-5127. 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 Office of Equal Opportunity, 3410 Beardshear Hall, 515 Morrill Road, 515 294-7612, email [eooffice@iastate.edu](mailto:eooffice@iastate.edu).*