



Assistant Professor of Materials Engineering

The Department of Chemical and Materials Engineering at the University of Kentucky invites applications for a tenure-eligible, 9-month appointment (Regular Title Series) faculty position in materials engineering at the Assistant Professor level with an anticipated start date of Fall 2024. Applicants should hold a Ph.D. degree in Materials Science and Engineering or a closely related field and plan to establish an independent and nationally recognized research program within this field. The successful candidate must demonstrate a strong commitment to undergraduate and graduate education and **be qualified to broadly teach courses in materials engineering.**

Applications are sought from qualified individuals in all areas of computational and/or experimental materials research with specific interest in the field of **physical metallurgy**. Example topics of research interest include but are not limited to next-generation structural alloys, metals for extreme environments, and sustainable alloy development. These areas are directly aligned with existing department strengths as well as initiatives at the institute and state level including the establishment of the Materials Science Research Priority Area at UK and the creation of the Metals Innovation Initiative (MI2) in Kentucky.

UK Materials Engineering faculty average the second highest per faculty research expenditures among programs in the College of Engineering, participating in numerous collaborative and single-PI sponsored projects on a broad range of topic areas. UK researchers have access to state-of-the-art equipment across the campus including the Electron Microscopy Center which houses a suite of instruments for advanced materials characterization and well-equipped high performance computing clusters. Employment at UK comes with diverse rewards, focusing on your total well-being and career development, with leadership striving to provide a strong work-life integration. To learn more about these benefits, please visit: <https://www.uky.edu/hr/benefits>

The Chemical and Materials Engineering Department believes that diversity contributes to our creativity, innovation, and success as scientists and engineers. As such, we welcome and support applications from individuals of diverse backgrounds. Candidates should apply for the position at <https://ukjobs.uky.edu/postings/486874>; the deadline for acceptance of applications is **November 15, 2023**. Submit PDF files consisting of a letter of interest; complete curriculum vitae; statement of research goals that highlights a plan for building an independently funded research program and how the applicants planned research will contribute to program strengths; statement of teaching philosophy and examples of teaching and/or mentorship experience that demonstrate a commitment to teaching excellence in materials engineering; statement of contributions to the diversity, equity, and inclusion of the applicant's professional or local community; and the names and contact information for at least three references. For more information, contact [Prof. Paul Rottmann](#), visit the department research page in [Scholars@UK](#), or view the [UK MSE Academic Program](#) page. *The University of Kentucky is an Equal Opportunity University that values diversity and inclusion. Minorities, veterans, women, individuals with disabilities, and members of other underrepresented groups are strongly encouraged to apply.*