

Department Chair (Tenured Faculty)
University of Alabama in Huntsville

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Job Title	Department Chair (Tenured Faculty)
Department	Chemical and Materials Engineering https://www.uah.edu/eng/departments/cme
Institution	University of Alabama in Huntsville Huntsville, Alabama
Date Posted	Oct. 31, 2017
Application Deadline	Until Filled
Position Start Date	Fall 2018
Job Categories	Department Head/Head/Chair Professor
Academic Field(s)	Chemical/Petroleum Polymer Science
Job Website	https://www.uah.edu/hr/careers/faculty-careers
Apply By Email	cme-chairsearch@uah.edu

Job Description

ABOUT THE UNIVERSITY: The University of Alabama in Huntsville, classified as a High Research Active institution by the Carnegie Foundation for the Advancement of Teaching, offers academic and research programs in the Colleges of Engineering, Nursing, Education, Science, Business, Arts, Humanities & Social Sciences, and Professional and Continuing Studies. Huntsville maintains one of the highest per capita incomes and standards of living in the Southeast and is home to many aerospace and high technology research corporations. In 2017, ZipRecruiter and Payscale named Huntsville the top tech city in the US, primarily due to the presence of more than 50 Fortune 500 companies, the Hudson Alpha Institute for Biotechnology, and several federal research facilities, including NASA Marshall Space Flight Center and the Army's Missile Defense Agency (MDA), Materiel Command, Aviation and Missile Command, and Space and Missile Defense Command.

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ABOUT THE COLLEGE: The College of Engineering (COE) enrolls nearly 35% of UAH's undergraduates in ABET-accredited programs in aerospace, chemical, civil, computer, electrical, industrial and systems, mechanical, and optical engineering. Research addresses three Grand Challenges from the National Academy of Engineering: secure cyberspace, restore and improve urban infrastructure, and engineer tools of scientific discovery. The COE has made recent investments in materials engineering, energy storage, cybersecurity, and systems engineering.

ABOUT THE DEPARTMENT: The Chemical and Materials Engineering Department has four tenured/tenure track faculty with research strengths spanning materials science/engineering and biotechnology. Active research projects involve thermodynamics and mechanical properties of materials, catalysis, nanostructured materials for energy conversion and storage, biomaterials, biomolecular and cellular engineering, and immunoengineering. Faculty funding sources have included federal sources such as the MDA, NSF, ACS-PRF, and industrial sources including CFD Research Corporation, Dow Corning and Polaris Sensor Technologies. The Department offers BS and MSE degrees in Chemical Engineering. For the PhD Degree, CME students have three pathways including two interdisciplinary programs in Materials Science, and Biotechnology Science and Engineering, and the Chemical Engineering option through the Mechanical Engineering program. Students in the Biotechnology PhD program can pursue their PhD dissertation projects working with scientists at the Hudson-Alpha Institute for Biotechnology. The CME department has approximately 230 undergraduate students and 10 graduate students. At the undergraduate level, the CME department offers students the opportunity to pursue a two elective sequence in polymer engineering and applied materials engineering and/or bioprocessing and bioseparations. In addition, all students in the CME department take a course that introduces them to a molecular understanding of biological systems.

APPLICATION DEADLINE: Preference will be given to applications submitted before December 15, 2017. However, the position will remain open until filled.

JOB DESCRIPTION/REQUIREMENTS: The successful individual should have an established research and teaching record in any area within chemical engineering including but not limited to one or more of the following areas - fluid mechanics, transport processes, modeling and simulation, process design including software development, catalysis, materials such as polymers, biomaterials, and energy materials. The successful candidate must be willing to and have demonstrated experience to help create and advance innovative ideas that cross disciplinary lines and impact chemical engineering education and research. We seek candidates who can inspire and lead funded research and scholarship, enable student success at both the undergraduate and graduate levels through teaching and mentoring, and contribute proactively to university and professional service while contributing to the diversity of the UAH academic community. The candidate must have a Ph.D. in chemical engineering or a closely related engineering discipline to warrant appointment as a tenured

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professor in the department. The chair reports to the dean of the College, and is responsible for the administration of all programs and budgets in the department.

APPLICATION PROCEDURE: Please submit applications electronically (as one pdf file) to cme-chairsearch@uah.edu. Complete applications should include a cover letter, curriculum vitae, position statement highlighting the applicant's qualifications for the position (including a vision statement of anticipated department leadership in teaching and research, and contact information for at least three professional references.

EEO/AA Policy

The University of Alabama in Huntsville is an Equal Opportunity/Affirmative Action Institution. Consistent with our core values of integrity, respect, diligence, excellence, inclusiveness and diversity, the University strongly encourages applications from members of all under-represented groups. An offer of employment at the University is contingent upon the results of a criminal background check.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Staff Assistant
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