

Chemical Engineering Department Head – University of Massachusetts Amherst

Job Description: Applications are invited for the position of Head of the Department of Chemical Engineering (ChE) at the University of Massachusetts Amherst. The position is open to senior faculty at the rank of full professor. The College seeks an individual with a commitment to excellence, a desire to work with faculty and administration, and demonstrated leadership and management abilities. The successful candidate will possess academic credentials of the highest quality, have a strong commitment to teaching and research, and have an established and widely recognized reputation in the profession. Applicants must have a PhD in Chemical Engineering or a closely related field.

About the Department, College, and University of Massachusetts Amherst: [The Department of Chemical Engineering](#) has 19 full-time faculty members including the Vice Chancellor for Research and Engagement and the Dean of the College of Engineering. There are 63 PhD students enrolled currently, along with 400 undergraduate students. Research expenditures in the 2013-2014 fiscal year exceeded \$3.7M. The Department has outstanding research programs in the areas of Applied Life Sciences, Biofuels, Catalysis, Fluid Dynamics, Materials Science and Engineering, Multi-Scale Modeling and Simulation, Process and Reaction Engineering, Rheology, and Statistical Thermodynamics. The Department's faculty members are engaged in multidisciplinary research initiatives supported by national research centers on Hierarchical Manufacturing (NSF-NSEC) and Polymer-based Materials for Harvesting Solar Energy (DOE-EFRC), and by the state-supported \$95-million Institute for Applied Life Sciences.

The [College of Engineering](#) at UMass Amherst offers B.S. degrees in Chemical, Civil, Computer Systems, Electrical, Industrial and Mechanical Engineering and is ranked as the best public engineering college in New England. The Fall 2014 enrollment included 1833 undergraduate and 532 graduate students. Research expenditures exceeded \$25M in the past year and College is host to 14 research centers including the Institute for Cellular Engineering and the Institute for Massachusetts Biofuels Research. The College has an excellent record of developing new faculty with 39 of our current faculty members having received the prestigious NSF CAREER award.

The [University of Massachusetts Amherst](#) is a land-grant institution with approximately 22,000 undergraduate students and 6,000 graduate students that is ranked in the top 30 public universities in the country. The University is situated 90 miles west of Boston and in the vicinity of four liberal arts colleges offering exceptional and diverse cultural activities. Amherst is nestled between the Berkshire Mountains, Holyoke Range and Pelham Hills providing many recreational opportunities. Massachusetts itself is ranked number 2 in the nation in clean tech leadership, providing additional opportunities for outreach and collaboration.

Application Instructions: Candidates should provide the following in their application package: 1) A Department Head Vision, Mission, and Philosophy Statement; 2) A Curriculum Vitae; 3) A Description of Teaching and Research Interests; and 4) Full contact information for at least five (5) references. Review of applications will begin on December 15, 2014 and continue until a suitable candidate is identified. Application materials may be submitted online: <http://umass.interviewexchange.com/jobofferdetails.jsp?JOBID=54730>.

The University is committed to active recruitment of a diverse faculty and student body. The University of Massachusetts-Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members. Because broad diversity is essential to an inclusive climate and critical to the University's goals of achieving excellence in all areas, we will holistically assess the many qualifications of each applicant and favorably consider an individual's record working with students and colleagues with broadly diverse perspectives, experiences, and backgrounds in educational, research or other work activities. We will also favorably consider experience overcoming or helping others overcome barriers to an academic degree and career.