

ASSISTANT PROFESSOR IN BIOPROCESS ENGINEERING

The Department of Biological Systems Engineering (BSE) at Virginia Tech invites applications for a tenure-track faculty position at the assistant professor level in bioprocess engineering. The Department's Bioprocess Engineering program is a dynamic and rapidly expanding program, with nine current faculty members who are conducting cutting edge research in bioenergy, protein separations, renewable biomaterials, biochemical engineering, agricultural and animal residue utilization, food engineering, biomass feedstock pretreatment, and biomass feedstock logistics. The BSE department is affiliated with two nationally ranked colleges: College of Engineering and College of Agriculture and Life Sciences. The department has a very strong commitment to advancing the frontiers of bioprocess engineering, and therefore has established close collaborations with several university institutes and centers of excellence such as the Virginia Bioinformatics Institute, Fralin Biotechnology Center, Super Computing Center and the Institute for Critical Technologies and Applied Science.

The successful candidate will have the ability to initiate, build, and sustain an externally funded research program that leverages the existing research strengths of the Bioprocess Engineering group in the BSE department. Research areas of interest include nanobioprocessing, bioactive nanomaterials, biosensing, biocatalysis, upstream bioprocessing, biomolecular engineering, applied biomolecular biology, or biomolecular modeling. Higher priority will be given to applicants whose research interests include upstream bioprocessing, nanoscience, biomolecular modeling, or molecular biological techniques. The candidate will also be expected to develop and teach graduate and undergraduate courses in bioprocess engineering and actively participate in graduate education by recruiting and advising graduate students. Candidates should have at least one degree in engineering and a PhD. degree in Biological Systems Engineering, Chemical Engineering, Materials Science and Engineering, Physics, Biochemistry or other related fields. Evidence of strong communication and teamwork skills is required. Preference will be given to candidates with teaching experience and with a strong record of peer-reviewed journal publications and external funding.

Virginia Tech, a land-grant university of the Commonwealth, has a student enrollment of 25,000 and is located in the town of Blacksburg, which is ranked as one of the best places to live in the United States (http://www.vt.edu/where_we_are/blacksburg/). Virginia Tech is also committed to creating a welcoming and supportive environment for all faculty members to ensure their success in academia (http://www.provost.vt.edu/resources_prospective_faculty.php).

Apply online at www.jobs.vt.edu (Job Posting #071289)

The Search Committee will begin reviewing applications on **February 4, 2008** and will continue until a suitable candidate is selected. Applicants should submit a cover letter, curriculum vitae, college transcripts, statements of research and teaching interests, and the names and complete contact information for at least three references.

Direct inquires to: **Dr. Saied Mostaghimi**
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Virginia Tech is an Equal Opportunity/Affirmative Action Employer and has a strong commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates including women, minorities, veterans, and people with disabilities. Virginia Tech is the recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers.