Tenure-track Position in Bioengineering

The P.C. Rossin College of Engineering and Applied Sciences at Lehigh University seeks to fill a tenure-track position in Bioengineering. The college is searching for outstanding individuals at the assistant/associate professor level in health-related integrated sensing and diagnostic devices. The candidate will join a growing interdisciplinary group of faculty members at Lehigh University working on Technology for Health (http://www.lehigh.edu/bioe/), as well as Lehigh’s Data-X initiative (http://www1.lehigh.edu/datax). Lehigh also offers many additional opportunities for collaboration across departmental, program, and college boundaries.

We seek candidates who will complement existing strengths, develop a strong research program, and collaborate effectively with colleagues at Lehigh. We are interested in applicants developing various devices to solve complex biomedical problems. Current related areas of interest/expertise on the Lehigh campus include: cellular and tissue mechanics, biofluid dynamics, bioelectronics and biophotonics, molecular mechanobiology, biomaterials, drug delivery, biopharmaceutical engineering, nanotechnology, BioMEMS, and medical device design. Applicants are required to have a doctorate in a relevant field, and the ability and interest to teach core bioengineering courses (see http://www.lehigh.edu/bioe/). He/she will be expected to have a strong commitment to high quality undergraduate and graduate engineering education, maintain an active and funded research program, and develop strong partnerships with medical research centers and/or the biotechnology industry. Applicants also must exhibit a commitment to excellence in teaching and mentoring, including working with students and groups from underrepresented backgrounds. RCEAS is committed to increasing the diversity of the campus community. Candidates who have experience working with a diverse range of faculty, staff, and students, and who can contribute to the climate of inclusivity are encouraged to identify their experience in these areas. Bioengineering at Lehigh is a new department developed from a multidisciplinary program that draws its core and associated faculty from a number of departments, including Chemical and Biomolecular Engineering, Mechanical Engineering & Mechanics, Electrical and Computer Engineering, Materials Science and Engineering, Computer Science and Engineering, Biological Sciences, Chemistry, and Physics.

Lehigh has made a long-term commitment to growth in Bioengineering, starting with the establishment of its undergraduate program in 2002, the graduate program in 2009, and the department in 2017. We have established a sizable new research facility, the Health Research Hub, and expect to expand faculty strength further. Lehigh University offers several other excellent resources and facilities such as the Genomic and Proteomic Core Analysis Facility, the High Performance Computing Cluster, the Center for Advanced Materials and Nanotechnology, and the Center for Photonics and Nanoelectronics. Also, Lehigh University has been a recipient of an NSF ADVANCE Institutional Transformation award for promoting the careers of women in academic science and engineering.

Review of Applications - Using our job application link, https://academicjobsonline.org/ajo/jobs/10095 please submit a CV, a Teaching Proposal describing instructional philosophy for both undergraduate and graduate education, a 3-6 page Research Proposal describing an externally fundable research effort, a description of experience and vision for enhancing participation of traditionally underrepresented groups, and at least three reference letters. Applications can also be sent by mail to: Chair, Bioengineering Search Committee, Lehigh University, Bioengineering Program, c/o Cindy Lohman, Iacocca Hall,
Bethlehem, PA 18015-4791. For full consideration applications should be received prior to November 15, 2017 but the search will remain open until an appropriate candidate is selected.

Lehigh University is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community. Applications and nominations from female or minority candidates are strongly encouraged. Lehigh University is an affirmative action/equal opportunity employer. Lehigh provides competitive salaries and comprehensive benefits, including partner benefits. Lehigh University has developed an ADVANCE Center for Women STEM Faculty to continue the work of the 2010 NSF Institutional Transformation Award. Information about Work/Life Balance for faculty can be found at: http://www.lehigh.edu/~inprv/faculty/worklifebalance.html. LINC is a newly created regional network of diverse organizations designed to assist new hires with dual career, community and cultural transition needs. Please contact infdcap@lehigh.edu for more information.