The Knight Campus for Accelerating Scientific Impact (Knight Campus) invites applications for one or more tenure track faculty positions in bioengineering at the University of Oregon. Candidates seeking an assistant or associate professor position with a significant track record of research excellence as appropriate to their seniority and a demonstrated commitment to translating research discoveries into innovations to improve the human condition are encouraged to apply. Of particular interest are candidates with interests in biophotonics; micro/nanofabrication; biosensors; neuroelectronics and biosystems engineering.

The Phil and Penny Knight Campus to Accelerate Scientific Impact is a bold new effort designed to accelerate the cycle of translating scientific discoveries into innovations that improve quality of life for people in Oregon, the nation, and beyond. Rooted in the University of Oregon’s 60-year history of interdisciplinary collaboration, the Knight Campus catalyzes new research opportunities, forges partnerships with industrial and clinical practitioners, and provides integrated experiential training for the next generation of citizen scientists and entrepreneurs. Initial faculty expertise is in areas such as bone regeneration, femtosecond imaging and fabrication, miniaturized implantable sensors, thin film electrodes for neural interfacing, synthetic biology, protein engineering and gene synthesis.

Individuals joining the Knight Campus through this search will be among the early cohort of Knight Campus faculty, providing significant input to the growth and culture of the new initiative. Knight Campus faculty will be housed in a spectacular new 160,000 square foot research building scheduled to open in June, 2020. Additionally, faculty joining the Knight Campus will have the opportunity to engage with the newly formed joint Biomedical Data Center with Oregon Health Sciences University which will provide a robust resource for computational analysis, tools and collaboration. More information on the Knight Campus strategic priorities can be found at: https://accelerate.uoregon.edu/strategic-plan.

The successful candidate will ideally have (preferred qualifications):

- A nationally recognized track record of scientific achievement as evidenced by an outstanding publication record and other appropriate external indicators as relevant to the individual’s seniority in the field.
- Experience working in complex, multi-stakeholder environments with the ability to build successfully at multiple interfaces (e.g. UO colleges and departments, other Oregon universities, and industry).
- Demonstrated experience with large government agencies, foundations, industry, and philanthropy with a thorough understanding of funding opportunities and pathways and strategies to successfully attract funding sufficient for the individual’s research program and ambitions as relevant to the individual’s seniority in the field.
- Demonstrated commitment in translating research discoveries to applications that improve the human condition.
- Demonstrated commitment to diversifying the pipeline of participants in science training and careers.
- Demonstrated success in a pedagogical environment using evidence-based pedagogical methods.
Minimum requirements:

- Doctorate in Bioengineering, Neuroengineering, Biology, Human Physiology, Chemistry, Physics, Computer Science, or related discipline from an accredited institution of higher education.
- Demonstrated ability to mentor and support students from diverse backgrounds through examples of cross-cultural communication skills, successful experience with different teaching strategies with the goal addressing different learning contexts and/or an example of supporting or leading program or set of activities that promoted interest and retention in the sciences by individuals from under-represented groups.
- Teaching experience in courses relevant to Bioengineering curricula as relevant based on seniority.
- Successful record of external support for research program as relevant to seniority in the position.
- Successful record of peer-reviewed publications as relevant to seniority in the position.

Application instructions:
The search will receive applications until the positions are filled. The committee will begin reviewing applications on February 24, 2020. To receive full consideration, applicants must submit a complete application including a cover letter, a brief statement of research interests and future research plans, a statement of their pedagogical philosophy and experience, a current C.V. and contact information for three references. Please apply at this link: https://careers.uoregon.edu/en-us/job/524402/assistant-associate-professor-of-bioengineering.

The Knight Campus is dedicated to the UO’s goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment and strongly encourages applications from minorities, women, and people with disabilities. Applicants are encouraged to include in their cover letter information about how they will further this goal.

About the University of Oregon
The University of Oregon is one of only two Pacific Northwest members of the Association of American Universities and holds the distinction of a “very high research activity” ranking in the Carnegie Classification of Institutions of Higher Education. The UO enrolls more than 20,000 undergraduate and 3,600 graduate students representing all 50 states and nearly 100 countries. In recent years, the university has increased the diversity of its student body while raising average GPAs and test scores for incoming students. The UO’s beautiful, 295-acre campus features state-of-the art facilities in an arboretum-like setting. The UO is located in Eugene, a vibrant city of 167,000 with a wide range of cultural and culinary offerings, a pleasant climate, and a community engaged in environmental and social concerns. The campus is within easy driving distance of the Pacific Coast, the Cascade Mountains, and Portland.