Position Announcement

College of Engineering

Tenure-Track Faculty Position in Engineering – Biomedical System Informatics

Position: This position is one of nine hires to be made as part of the University of Georgia (UGA) President’s Informatics Faculty Hiring Initiative. This initiative supports the campus-wide Georgia Informatics Institute (GII) for Research and Education now being launched. Based in the College of Engineering, GII will work with the campus community to network and build interdisciplinary informatics research, education and outreach programs throughout UGA, partnering with industry and government to both realize the promise and meet the challenges of using information effectively and responsibly to improve the quality of life. Biomedical System Informatics is expected to be enabling to achieving improved wellness, disease prediction, diagnosis and medical outcomes. The UGA College of Engineering seeks exceptional talent in Biomedical System Informatics to fill one full-time (academic year) tenure-track position at the assistant professor rank. The positions will be available August 12, 2016.

Responsibilities: The responsibilities of the successful candidate will be to: (1) establish an outstanding research program recognized nationally and internationally, (2) establish collaborations and partnerships within and outside the College of Engineering as well as with industry, (3) be an outstanding, inspiring educator who exhibits a strong commitment to teaching excellence at both the undergraduate and graduate levels, and (4) compete successfully for extramural funding to support an active research program and a companion graduate and postdoctoral training program. The candidate will have broad latitude to develop a research program that focuses on innovations in the targeted areas and advances in basic knowledge, taking a systems perspective to significantly benefit society.

Qualifications: Candidates should have a Ph.D. degree in Engineering or related fields such as Computer science, physics or biology. Research expertise in computational biomedical system informatics and analysis, particularly at the cellular/molecular/genomics level, is sought. The preferred candidate will effectively complement existing university expertise in data mining and statistical bioinformatics approaches, as well as systems modeling at the tissue/organ/population level that exists between the College of Engineering, College of Public Health, and Institute for Bioinformatics. Knowledge of personalized medical monitoring and real-time dataset generation from mobile platforms for improved wellness is also desirable. A demonstrated record exhibiting leadership traits, effective communication, and the ability to develop innovative collaborative programs across disciplines is required.

Engineering at the University of Georgia: The College of Engineering, formed on July 1, 2012, is building a vibrant academic environment that fosters engineering education in a liberal arts environment and research in areas inspired by real-world problems. While engineering is a UGA tradition dating back to the 1850’s, in the modern era, UGA engineering has been formed to focus on opportunities for learning, research and outreach at the confluence of disciplines. The College currently has over 50 faculty members and is growing rapidly, planning to add 20-30 new positions in the coming years. Interdisciplinary research, education, and service are promoted by the college’s innovative organization. The College’s research is organized around three interdisciplinary innovation and discovery clusters that enable crosscutting scholarship to address society’s needs: 1) Engineering Secure, Resilient and Sustainable Systems; 2) Advancing Human Wellness, Cognition and Learning; and 3) Developing New Material, Device and Cyber Technologies & Tools. Facilities include the Georgia Advanced Computing Resource Center, the Georgia Genomics Facility, the Bio-nano cleanroom, the Biomedical Microscopy Core, and the Bioimaging Research Center. The College offers eight undergraduate and seven graduate engineering degree programs spanning all engineering fields. The first state-chartered university in the country, UGA is a land grant and sea grant research university and is located in Athens about 60 miles from Atlanta, with 35,000 students enrolled in 17 schools and colleges and 1,800 faculty. Additional information is available at http://www.engr.uga.edu/.

Application Procedure: Please submit applications at http://facultyjobs.uga.edu/postings/330. Questions related to the positions may be directed to Peter Kner, Email: kner@engr.uga.edu; Telephone: 706-542-8966
Complete applications received by November 20, 2015 are assured of consideration.

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