Faculty Search

Bloomberg Distinguished Professorship in Intelligent Systems

The Johns Hopkins University Whiting School of Engineering (WSE) and the Johns Hopkins University Applied Physics Laboratory (APL) invite applications for the position of Bloomberg Distinguished Professor (BDP). The BDP is expected to lead research in one or more of the research areas of robotics, neuromorphic systems, and autonomy.

Preference will be given to applicants at the tenured full professor level, but exceptionally qualified candidates at other ranks will be considered. The Bloomberg Distinguished Professorships (BDPs), endowed by JHU alumni, philanthropist, and former New York City Mayor Michael R. Bloomberg, will form a cadre of fifty world-class faculty members whose excellence in research, teaching, and service will be centered on interdisciplinary scholarship.

At WSE the BDP will hold a tenured Bloomberg Distinguished Professorship in one of WSE’s nine academic departments, and have office and laboratory facilities in WSE’s Laboratory for Computational Sensing and Robotics (LCSR), an interdisciplinary academic center for engineering, research, and development. LCSR is comprised of faculty and students from several WSE Departments (including Mechanical Engineering, Computer Science, Electrical and Computer Engineering, and Biomedical Engineering), the JHU School of Medicine (SOM), and the JHU Applied Physics Laboratory. Located in Hackerman Hall at the Johns Hopkins University’s Homewood campus in Baltimore, Maryland, this unique research center is one of the largest and most technologically advanced robotics research centers in the world.

At APL the BDP will serve as Center Chief for the new APL Intelligent Systems Center (ISC). The ISC is a new initiative that brings together all of our research on robotics, autonomous systems, neuroscience, and information sciences. The very purpose of this Center is cross-disciplinary collaboration. For the Center Chief we are seeking a visionary, inspirational leader with deep expertise in at least one of the core disciplines listed above and the ability to build cross-disciplinary teams. The Center is focused on exploiting the vast power of intelligent systems to solve critical challenges facing our nation. Such challenges include creating autonomous robotic teams capable of assisting humans in disaster relief missions, creating portable and non-invasive brain-computer interface technologies that allow humans to control computers with their thoughts, and creating systems that provide total situational awareness and event prediction in complex environments. Within APL, the Center is intended to serve as a Laboratory-
wide resource that fosters collaboration and provides thought leadership in the realm of intelligent systems. External to APL, a primary duty of the Center Chief is to establish enduring partnerships with WSE and the larger Johns Hopkins enterprise.

Opportunities for interactions across the University include transdisciplinary Centers and Institutes: the Laboratory for Computational Sensing and Robotics, and the Institute for NanoBio Technology; the Environment, Energy, Sustainability and Health Institute; the Systems Institute. Departments: Computer Science, Electrical and Computer Engineering, Biology, Neuroscience; and Divisions across Johns Hopkins: Applied Physics Laboratory, School of Medicine, Krieger School of Arts and Sciences, and Bloomberg School of Public Health.

The successful candidate must have a doctorate and is expected to have a strong, independent, internationally recognized research reputation, and the ability to contribute fully to both undergraduate and graduate instruction. Eligibility for Secret security clearance required. Eligibility requirements include U.S. citizenship.

All applications should be submitted electronically to https://academicjobsonline.org/ajo/jobs/5468. The application should include a brief cover letter describing the principal expertise and accomplishments of the applicant, a curriculum vitae, research statement including research directions and future plans, a teaching statement, and several representative journal publications. Candidates should not provide any suggested references. The application package should be received by May 31, 2015 to ensure full consideration, but applications will be accepted until the position is filled. Questions can be addressed to Louis Whitcomb (llw@jhu.edu).

Johns Hopkins University is committed to building a diverse environment; women and minorities are strongly encouraged to apply. The Johns Hopkins University is an EEO/AA employer.