



LEHIGH
UNIVERSITY

P.C. ROSSIN COLLEGE
OF ENGINEERING AND
APPLIED SCIENCE

Tenure-track Positions in Cyber-Physical and Sensing Systems

The P.C. Rossin College of Engineering & Applied Science at Lehigh University invites applications from qualified individuals for tenure-track faculty positions at all levels in the broad field of Cyber-Physical and Sensor Systems (CPSS). We aim to expand our interdisciplinary, multi-departmental team by hiring in multiple areas of CPSS, including hardware, software, algorithms and optimization, and applications to health and healthcare delivery, energy systems, infrastructure, and Internet of Things. Research topics of interest include, but are not limited to: infrastructure design and operation, optimization of energy systems, artificial intelligence and machine learning, health care systems engineering, remote sensor networks, wearable sensors, flexible electronics, diagnostic devices, embedded systems, edge computing, autonomous and real-time systems, and security and reliability of systems and networks. Multiple positions are available in the Industrial and Systems Engineering, Bioengineering, Computer Science and Engineering, and Electrical and Computer Engineering Departments. Our vision is for Lehigh University to achieve national prominence and leadership in the rapidly growing area of CPSS, and we are committed to growing our research footprint in this space.

A candidate should possess a Ph.D. in a related field. For full consideration, applicant materials must be received on-line at <https://academicjobsonline.org/ajo/jobs/12345> by **12/01/2018**. Review of applications will continue until the positions are filled. Candidates should submit the following: 1) a cover letter indicating the area of specialization, desired faculty rank, and desired home department (from the list above), 2) curriculum vitae, 3) a statement of current and future research directions, 4) a teaching statement, 5) copies of 3 representative papers, and 6) name and contact information for at least three references. Inquiries regarding this search can be directed to Professor Larry Snyder and Professor Yevgeny Berdichevsky, Co-Chairs of the Search Committee, at cpss-search@lehigh.edu.

Lehigh is a premier research university, consistently ranked in the top tier of national research universities each year. Lehigh University is a coeducational, nondenominational, private university that offers a distinctive academic environment for undergraduate and graduate students from across the globe. Located in Pennsylvania's scenic Lehigh Valley, the campus is situated on 1,600 acres in close proximity to both New York City and Philadelphia.

Lehigh University is investing more than \$250M over the next few years on new innovative research and academic programs to enhance its intellectual footprint. The investments, based on faculty-driven initiatives, will advance the university's mission and commitment to enhance student experiences. Investments will include upgrades to physical plants, research and teaching laboratories, and technical infrastructure. Lehigh is also committed to supporting an inclusive, equitable and diverse learning and research environment. Lehigh University is a 2010 recipient of an NSF ADVANCE Institutional Transformation Grant and has leveraged this grant to diversify and strengthen the professoriate in all disciplines. Lehigh offers competitive salaries and excellent benefits including domestic partner benefits. Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender, gender identity, genetic information, marital status, national or ethnic origin, race, religion, sexual orientation, or veteran status.