WEST POINT’S DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE SEEKS CANDIDATES FOR TENURE-TRACK ASSISTANT PROFESSOR POSITION

The United States Military Academy (West Point) seeks applicants for a tenure track faculty position in the Department of Electrical Engineering and Computer Science.

Credentials and desired applicant qualities:
Applicants must be US citizens holding a Ph.D. degree in Computer Science, Computer Engineering, Electrical Engineering, Cybersecurity or related field and must be able to teach at all levels – from introductory courses to senior capstone courses in their discipline. Faculty at West Point develop cadets not only in the intellectual domain, but also as “leaders of character” and future Army officers, so the ideal candidate will have a desire to engage with cadets outside the classroom in activities such as academic clubs, character/ethics education, sports, and other mentorship opportunities. Successful candidates will show a clear vision for a research program that will position her/him for promotion to Associate Professor within 6 years; research typically involves cadets, encourages faculty collaboration, and contributes to the ever-growing reputation of the department and the Academy.

About West Point:
West Point, the oldest engineering school in the United States, is a four-year baccalaureate college situated just fifty miles north of New York City in the scenic Hudson River valley. West Point’s mission is to educate leaders of character committed to the values of Duty, Honor and Country and devoted to a career of service to the Nation. Each student (cadet) passes through an intense nomination and appointment process to gain admission. Our acceptance rate is 10%, with the student body consisting of approximately 4,500 cadets. The class of 2023 consists of 1,200 students of which 23% are women, 15% are African Americans, and 12% are Hispanic. West Point is a leader in producing national scholarship winners, and to date has produced 93 Rhodes Scholars, 42 Marshalls Scholars, 31 Fulbright scholars and 39 Hertz scholars. This positions us close to our aspirational schools and ahead of schools such as MIT, Cornell and Duke. Our undergraduate academic program blends the liberal arts with the math and sciences and is consistently ranked highly by U.S. News & World Report, the Princeton Review, Niche and others.

The Department of Electrical Engineering and Computer Science (EECS) is one of the most dynamic and highly regarded departments at West Point and offers ABET accredited majors in Computer Science, Information Technology, and Electrical Engineering. The Department is in the process of developing the curriculum and associated courses necessary for an accredited Cyber Major, to complement its EE, CS and IT programs. In 2019, the department graduated 78 majors, including 9 cadets who earned national scholarships. EECS has state-of-the-art laboratory facilities and also hosts three centers of excellence: (1) the Cyber Research Center; (2) the Robotics Research Center; and (3) the Photonics Research Center. The department’s ties to Army Research Agencies and a unique affiliation with the NSA make it an ideal and unique place to conduct applied research in cyber, photonics, and robotics areas, although faculty research may be within any disciplinary topic desired. EECS is a family-friendly department with values rooted in Trust, Consideration, Expertise, Teamwork, Initiative, Community, Excellence and Balance that make it an ideal place to work, grow and develop.

Applicant Selection Factors and Process:
Previous teaching experience is highly desirable, and an initial track record of research and publications will be integral to the selection process. Applications should highlight any experience in the following areas: cybersecurity, radio frequency electronics, artificial intelligence, and/or machine learning. Salaries are competitive. Complete applications must arrive in electronic form not later than midnight, 25 November 2019. Applications to be considered complete must include: 1) cover letter; 2) curriculum vitae; 3) statement of research plans; 4) statement describing
teaching philosophy/experience; 5) official transcripts; and 6) three letters of reference. Interviews will be conducted in late January of 2020 and a selection made by early February of 2020. Anticipated start date will be on or about the 15th of June 2020. Applications and questions may be directed to Dr. James Loy, United States Military Academy, Department of Electrical Engineering and Computer Science, MADN-EC, West Point, New York 10996, james.loy@westpoint.edu

The United States Military Academy is an Equal Opportunity, Affirmative Action Employer. Women and Minorities are encouraged to apply.