

NSF Graduate Fellowships in CPS

The Link Lab (<https://engineering.virginia.edu/link-lab/>) in the School of Engineering and Applied Science (SEAS) at the University of Virginia seeks graduate students interested in Cyber Physical Systems to join its new NSF funded NRT program. Multiple Ph.D. positions with fellowships (including tuition, stipend and other fees) and Master of Engineering (ME) positions (self-funded) are available through the following departments and will remain open until they are filled.

- * [Computer Science](#)
- * [Electrical and Computer Engineering](#)
- * [Engineering Systems and Environment](#)
- * [Mechanical and Aerospace Engineering](#)

To be considered for the PhD positions, candidates must be U.S. Citizens or U.S. Permanent Residents and have a B.Sc. or M.Sc. in a related STEM field. There are no U.S. only restrictions on ME students. Specific research areas of particular interest to our program include, but are not limited to:

- * Formal and model-based reasoning through all levels of design and operation
- * Sensor design, including RF sensing, novel sensing devices, and application thereof
- * RF and mixed-signal circuits
- * Robotics, drones, and autonomous and connected vehicles
- * Machine learning and signal processing as applied to cyber-physical systems
- * Communications, and networking and applications to support the internet of things
- * Cyber-Physical Systems with humans in the loop; human-automation interaction
- * Smart Cities
- * Smart and Connected Health
- * Other areas related to Cyber-Physical Systems

Interested applicants should submit their application through the online [UVA Graduate Application System](#) to one of the SEAS graduate programs and select Cyber Physical Systems as their first research area of interest in the application.

The University of Virginia is an affirmative action/equal opportunity employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply.