

UVA'S CYBER-PHYSICAL SYSTEMS RESEARCH TRAINEESHIP PROGRAM

All of the grand challenges facing humanity have this in common: solving them will require increasingly sophisticated connections between the cyber and physical worlds.

UVA Engineering is leading the nation in preparing future professionals to tackle these challenges through our National Science Foundation Research Traineeship program.



SMART CITIES



SMART HEALTH



AUTONOMOUS SYSTEMS



HARDWARE FOR IoT

If you are an incoming Ph.D. or master's degree student, we welcome you to join us to:

- Work in the Link Lab, a 17,000-square-foot interdisciplinary facility that is home to over 40 faculty and 200 students from six different engineering degree programs.
- Take hands-on, testbed-driven cyber-physical systems courses, including:
 - Embedded Systems
 - Machine Learning, Signal Processing, and Control
 - Dynamical Systems
 - Formal Methods, Safety, and Security
- Conduct interdisciplinary research focused on smart cities, smart health, autonomous systems and hardware for IoT.
- Enhance your technical education with training in communications, leadership, ethics and entrepreneurship.

32%

OF GRADUATE STUDENTS ARE WOMEN

#1

U.S. ENGINEERING SCHOOL FOR PH.D. ENROLLMENT GROWTH 2015-2019.

89%

INCREASE IN SPONSORED RESEARCH (FY2016-FY2020)

29%

INCREASE IN FACULTY SINCE 2014

THE PROGRAM IS OPEN TO ALL UVA ENGINEERING PH.D. AND MASTER'S DEGREE STUDENTS.

POTENTIAL FUNDING IS AVAILABLE FOR ALL STUDENTS VIA THEIR ADVISOR. PRESTIGIOUS \$34,000 NATIONAL SCIENCE FOUNDATION FELLOWSHIPS ARE AVAILABLE FOR U.S. CITIZENS AND PERMANENT RESIDENTS.

TO LEARN MORE ABOUT THE PROGRAM AND FELLOWSHIPS, VISIT ENGINEERING.VIRGINIA.EDU/LINK-LAB/EDUCATION