WHAT IS THE TRAINEESHIP PROGRAM?
The University of Virginia’s National Science Foundation Research Traineeship is a program to train graduate students to be competitive in the cyber-physical systems workforce. Cyber-physical systems are technologies that bridge the computational and physical worlds. In our increasingly connected society, cyber-physical systems engineers are in high demand in both industry and academia.

WHAT WILL I GET OUT OF THE TRAINEESHIP PROGRAM?
As a trainee, you would…

• Work in the Link Lab, a 17,000-square-foot interdisciplinary facility that is home to over 30 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, and/or autonomous systems

• Connect with an industry advisory board that includes Northrop Grumman, IBM, Leidos, Ernst & Young, National Instruments, Perrone Robotics and Azbil

DOES THE TRAINEESHIP PROGRAM COME WITH FUNDING?
Ph.D. applicants who are U.S. citizens or permanent residents are eligible for a fellowship during their first year in the Cyber-Physical Systems Research Traineeship. The fellowship includes a $34,000 stipend and pays for tuition, fees, and health insurance. Other applicants are typically funded by research and teaching assistantships through individual faculty members. Contact Link Lab faculty to learn more about assistantships they may have to offer.

HOW DO I APPLY FOR THE TRAINEESHIP PROGRAM?
Please indicate your interest on your UVA graduate school application and/or contact us directly at cpsnrtprogram@virginia.edu.

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