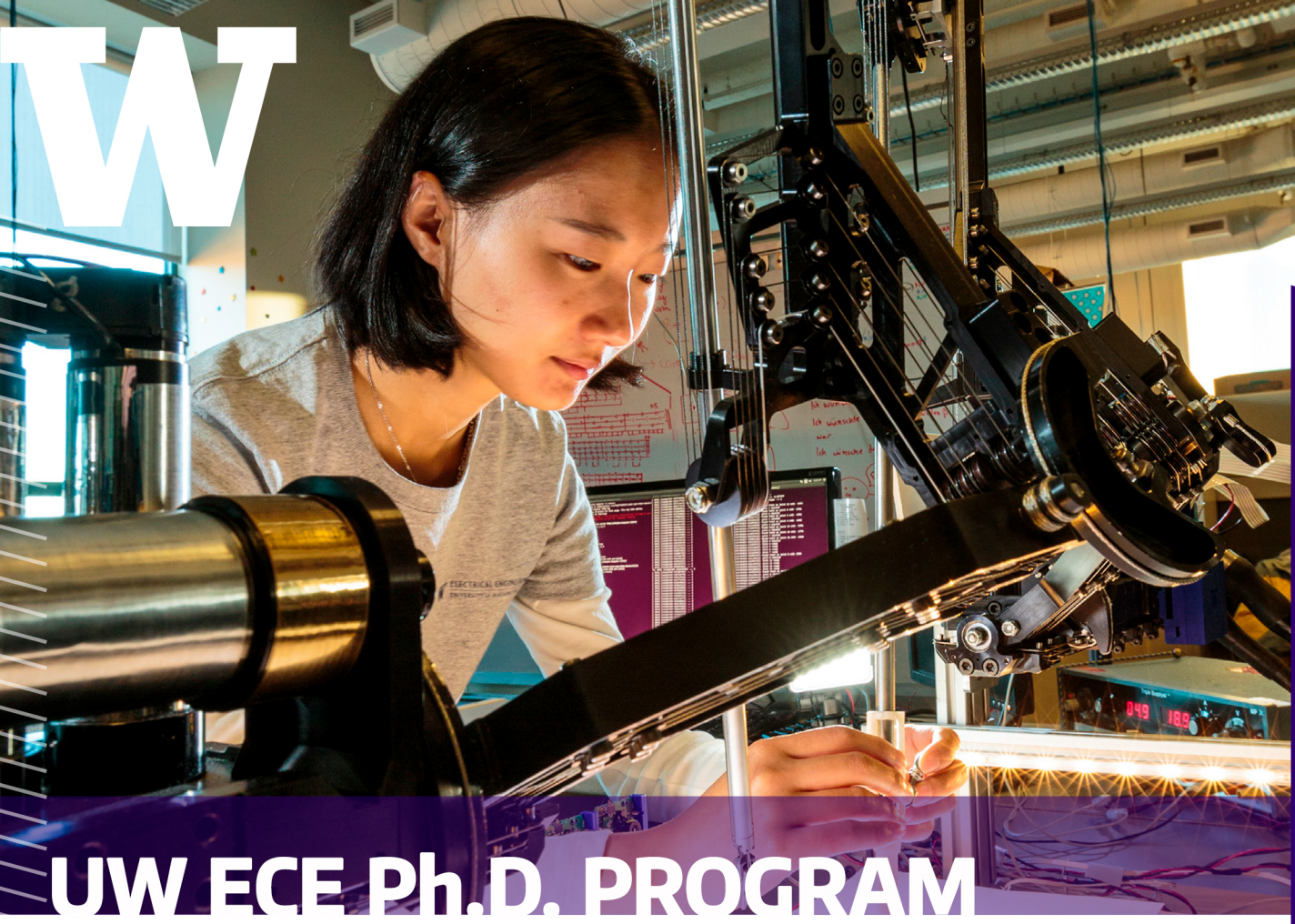

UW ECE Ph.D. PROGRAM

The University of Washington Department of Electrical & Computer Engineering Ph.D. Program prepares students to impact the future. From positions in industry to academia, graduates address pressing challenges in healthcare, energy, the environment, communication and more. To gain technical expertise, Ph.D. students work closely with distinguished faculty on research and pursue their own innovative projects, preparing them to make a difference in the world.

CAREERS

Located in Seattle, Washington, graduate students are in close proximity to prominent technology companies as well as a vibrant start-up community, making UW ECE an ideal location to launch a career. Master's Degree graduates enjoy rewarding positions at research institutions or in industry, working for companies such as Microsoft, Apple, Boeing, Facebook, Google, Amazon, IBM, Agilent, T-Mobile, Verizon, Motorola, Qwest, National Instruments and more.

PREREQUISITES

In addition to curiosity, critical thinking and problem-solving skills, graduate students have a strong background in math, science and programming. A bachelor's degree in electrical engineering is not required. The following prerequisites are recommended:

- EE 215, EE 233 and EE 235
- Programming skills at the level of CSE 142 and CSE 143

UW ECE ranked 18th for Engineering Doctorate programs, 21st for Electrical Engineering and 10th for Computer Engineering among all national public universities by U.S. News & World Report in 2019.

ELECTRICAL & COMPUTER ENGINEERING
UNIVERSITY of WASHINGTON

Ph.D. Admissions 2020:
515 applicants / **95** offers

Ph.D. PROGRAM

RESEARCH AREAS

UW ECE is active in most research areas of electrical and computer engineering, including the following:

- Data Sciences • Computing & Networking
- Photonics & Nano Devices • Biosystems
- Robotics & Controls • Power & Energy

FINANCIAL SUPPORT

All admitted Ph.D. students will receive four academic years of funding through research and teaching assistantships, fellowships and departmental support. Funding includes a tuition waiver, monthly stipend and healthcare insurance.

> "I value the culture of mentoring between graduate students. I had a senior graduate student reach out to me and offer assistance from literally day one. She was my rock throughout grad school."
>
> - Ahlmahz Negash, Ph.D. student

ENTREPRENEURIAL ENVIRONMENT

UW ECE is a leader in entrepreneurship efforts across campus, with the second most engineering start-ups. Technology developed in labs is frequently translated into the business community for real-world impact. In 2018, faculty and students, in collaboration with the UW commercialization hub CoMotion, reported the following:

- 45 Innovations
- 10 Startup Companies
- 83 Patent Applications Filed
- 45 Patent Applications Issued

DEVOTED TO DIVERSITY

UW ECE is proud to have a strong contingent of diverse students, faculty and researchers. The department exceeds the national average for women tenure-track faculty, with 22 percent female faculty. UW ECE also supports students attending the annual Grace Hopper Celebration of Women in Computing and National Society of Black Engineers. To further all diversity initiatives, a department diversity plan was initiated in 2010.

GETTING INVOLVED

UW Engineering has a welcoming and vibrant community of networks and support systems across campus, including the ECE Graduate Student Association, IEEE Women in Engineering, National Society of Black Engineers, American Indian Science & Engineering Society and many more.

ELECTRICAL & COMPUTER ENGINEERING
UNIVERSITY of WASHINGTON

Questions? contact us at:
grad@ece.uw.edu | 206.543.6194