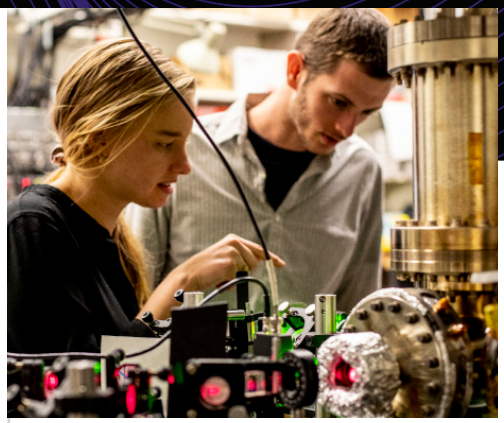
QUANTUMX

UNIVERSITY of WASHINGTON

Accelerating Quantum-Enabled Technologies

A National Science Foundation Research Traineeship program for University of Washington graduate students



About AQET

AQET is a 12 to 15-month training program for UW PhD and MS students interested in quantum information science and technology (QIST) — one of the first QIST programs to bring hardware and software scientists together at the trainee level. AQET trainees acquire the skills to develop new quantum materials, devices, and algorithms for applications in computation, communication, and sensing.

Program Details

AQET trainees are admitted to the program at the start of their graduate education, and begin AQET-specific curriculum at the start of their 2nd year, after PhD/MS domain course requirements are completed. Completion of all AQET coursework results in a transcriptable option in QIST for PhD and MS students.

AQET coursework includes a domain-specific foundational course, an interdisciplinary project-based course, an advanced topics course, and an interdisciplinary team capstone project.

AQET trainees also participate in a bi-weekly seminar series in partnership with local QIST industry and labs (including Microsoft, IBM, IonQ, and the Pacific Northwest National Laboratory), as well as monthly professional development workshops.

NRT Fellowship Support

NRT fellowship support is available to students who have been newly admitted to a UW PhD program in the department of their interest — usually chemistry, computer science & engineering, electrical & computer engineering, materials science & engineering, or physics. Interested students should mention the AQET program in their application to UW, and apply for the AQET Fellowship itself on the QuantumX website by March 1, 2021.

AQET

Learn more at quantumx.washington.edu/training/aqet