



Quantum Cross-platform Advanced Training



Q-CAT for Future Innovators

A new NSF-funded graduate training initiative bridging hardware, software, algorithms, and applications across multiple quantum platforms.

PLATFORMS COVERED

Superconducting · Photonic · Trapped-ion
Atomic · Emerging

DISCIPLINES

Physics · Electrical & Computer Engineering
Materials Science · Computer Science

WHAT Q-CAT OFFERS

- Cross-platform lab training
- Industry & national lab engagement
- Research communication & ethics
- Interdisciplinary curriculum
- Fellowship stipend & tuition support
- Entrepreneurship & leadership

HOW TO APPLY

Apply to a participating graduate program (ECE, Physics, or Computer Science) and name TQI faculty of interest in your application. Nominations are made by TQI faculty after admission — no separate Q-CAT application required.
Open to U.S. citizens and permanent residents.

Participating programs: ECE · Physics · Computer Science · Contact advisors for Materials Science & Chemistry

