



# THE POWER OF SMALL

## Quantum Science & Engineering

### AMPLIFY YOUR EDUCATION

The PhD in Quantum Science and Engineering program provides students with the opportunity to study with some of the most prominent researchers working in both fundamental and applied aspects of quantum science. The program encompasses a variety of topics that will help shape the quantum future, including quantum computing, quantum communications, and quantum sensing, as well as research in quantum materials. Students have the option of working with one or more thesis advisors to build a cross-cutting research project that touches multiple disciplines. >>

“Like the Internet, quantum technology will revolutionize almost all areas of our daily lives, and PME is one of the best schools to prepare for that future. The collaborative environment and the high-level work here make this a fantastic place for anyone who wants to work at the forefront of science and technology.”

### **Manish Kumar Singh**

PhD '22 in Quantum (QSE Graduate)

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#### **EXPAND YOUR NETWORK**

You'll work within a growing nexus of quantum research in Chicago, which includes the Chicago Quantum Exchange, two Department of Energy funded national quantum information science research centers Q-NEXT and SQMS, the NSF QuBBE Quantum Leap Challenge Institute, one of the longest ground-based quantum communication channels in the country, and much more. You'll also have opportunities to collaborate with researchers from the James Franck Institute, Argonne National Laboratory, Fermi National Accelerator Laboratory, and the University of Chicago's own Physics, Chemistry, and Computer Science Departments.

#### **ACCELERATE YOUR CAREER**

In addition to offering a world-class education, PME also provides advantages to students as they begin their careers. Our graduate training program can connect you with organizations in academia, industry, and national laboratories, including IBM, Boeing, Google, Intel, and HRL Laboratories. Plus, as a member of the Quantum Economic Development Consortium (QED-C), PME brings many more leading companies and countless career opportunities-to you.

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#### **ENGINEER YOUR FUTURE**

ELEVATE YOUR QUANTUM EDUCATION BY VISITING  
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