



Multiple Tenured/Tenure-Track 9 Month Salaried Faculty Positions in Quantum Science and Engineering

Florida State University (FSU) is embarking on an ambitious faculty hiring initiative in **Quantum Science and Engineering** (QSE), recognizing the potential of QSE to revolutionize such sectors as computation, material science, cryptography, and artificial intelligence. The **College of Arts and Sciences** at FSU and the joint **College of Engineering** at Florida A&M University (FAMU) and FSU are inviting applications for multiple, open-rank, tenure-track or tenured positions in QSE. Successful applicants will be appointed to a mutually agreed upon department, with joint appointments between departments and colleges being possible. More details on the hiring process can be found at <http://quantum.fsu.edu/people/job-openings>.

Background

FSU has made [bold recent investments](https://quantum.fsu.edu) in QSE, creating an interdisciplinary **FSU Quantum Initiative** (<https://quantum.fsu.edu>). The mission of FSU Quantum is to accelerate the discovery of novel quantum phenomena that can impact the design of engineered systems for quantum information processing, communication, sensing, and algorithms, as well as devices and hardware that rely on quantum protocols. In alignment with the FSU Quantum mission, we seek to fill **multiple tenure-track or tenured positions** in two broadly defined QSE areas:

QUANTUM DEVICES: Seeking individuals specializing in quantum devices, hardware, and measurements. Areas of interest encompass quantum materials and devices, quantum optics, advanced spectroscopy, microscopy, and other quantum device fabrication and characterization techniques.

QUANTUM THEORY: Seeking individuals in the domains of quantum information, theory, and computation. Those keen on utilizing and developing cutting-edge theoretical, computational, and architectural techniques relevant to QSE are encouraged to apply.

Responsibilities

Successful applicants will be expected to develop and nurture research programs that will be internationally recognized, to attract and sustain external funding, to incorporate interdisciplinary collaboration with researchers across campus, and to demonstrate a strong commitment to diversity and excellence in education. Expectations will also include teaching undergraduate and graduate level courses, mentoring undergraduate, graduate, and post-doctoral researchers, and engaging in college and professional service.

Qualifications

Minimum qualifications include possessing a Ph.D. or foreign degree equivalent in an appropriate discipline, such as Chemistry, Computer Science, Engineering, Materials Science, Mathematics, or Physics, or another field appropriate to the study of quantum science. Additional necessary qualities include evidence of the promise of academic and research excellence that will lead to future distinction.

Applicants for tenure-track Assistant Professor positions must exhibit strong potential in research and a high level of dedication to teaching.

Applicants for senior tenured positions must showcase a stellar record of scholarship and education.



How to Apply

Qualified candidates can apply at <https://hr.fsu.edu/facultyjobs> by choosing “Search Careers”, then “View All Jobs”, and applying for the opportunity under **job ID 56090**.

(If you are a current FSU employee, apply via myFSU > Self Service.)

All applicants are required to complete the online application and upload:

- A cover letter
- A full curriculum vitae
- A 2-page research statement
- A 1-page teaching statement
- In addition, applicants for tenure-track Assistant Professor positions should arrange for three letters of recommendation to be sent by email to quantum-hires@fsu.edu to complete the application.

Review of applications will begin on October 15, 2023 and continue until the available positions have been filled.

Considerations

These are Faculty positions. Upon appointment to the position, successful applicants will be required to complete a criminal history background check. The background check will be conducted as authorized and in accordance with FSU Policy 4-OP-C-7-B11.

Contact Information

Any questions about the position should be directed to quantum-hires@fsu.edu.

University Information

One of the nation's elite research universities, Florida State University preserves, expands, and disseminates knowledge in the sciences, technology, arts, humanities, and professions, while embracing a philosophy of learning strongly rooted in the traditions of the liberal arts and critical thinking. Founded in 1851, Florida State University is the oldest continuous site of higher education in Florida. In its efforts to expand research in QSE, the FSU Quantum Initiative and its affiliated faculty are bolstered by the unique resources available at the university, including the [National High Magnetic Field Laboratory](#), the [FSU Research Computing Center](#), the [FSU High-Performance Materials Institute](#), the [FAMU-FSU Applied Superconductivity Center](#), and other synergistic research initiatives.

FSU Total Rewards

FSU offers a robust Total Rewards package. Visit our [website](#) to learn more about our Compensation, Benefits, Wellness, Recognition, and Employee Development programs.

Use our [interactive tool](#) to calculate Total Compensation options based on potential salary, benefits and retirement contributions, earned leave, and other employment-related perks.

Equal Employment Opportunity

Florida State University is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer. Florida State University's equal opportunity statement can be viewed at:

http://www.hr.fsu.edu/PDF/Publications/diversity/EEO_Statement.pdf.