Program Manager, QuantumCT Lab to Market Accelerator

Working at Yale means contributing to a better tomorrow. Whether you are a current resident of our New Haven-based community, eligible for opportunities through the New Haven Hiring Initiative, or a newcomer, interested in exploring all that Yale has to offer, your talents and contributions are welcome. Discover your opportunities at Yale!

Overview

QuantumCT is a regional innovation engine uniting Yale, UConn, Connecticut state and local governments, Southern Connecticut State University, industry partners, startups, and investors, to build a thriving quantum technology ecosystem, backed by up to $160M in NSF Engine funding and $121M in state funding. QCT, a newly formed nonprofit, serves as the coordinating body for ecosystem-wide activities, including company-stage accelerator support, testbed access, and corporate partnerships.

The http://www.quantumct.org/ Lab to Market Accelerator is Yale's contribution to building the startup pipeline that feeds this ecosystem - funding early-stage, faculty-led quantum research at Yale and UConn as it moves toward commercialization readiness, before ventures graduate to QCT for company and growth support.

As part of this effort, we are building a

lab-to-market accelerator to create and accelerate a pipeline of quantum-focused startups emerging from university research. This accelerator adapts the model developed through Yale's existing accelerator programs which include the Roberts Innovation Fund, the Blavatnik Fund, the Planetary Solutions Impact Accelerator, and Health Tech Works and UConn's SPARK program. The accelerator is open to faculty researchers at both

Yale and UConn, and funds are awarded to

labs, not companies, supporting research on the path to de-risking and commercialization readiness. Once a venture is ready to form a company, it will transition to QCT (the nonprofit) for company-stage accelerator funding, support, access to external quantum testbeds, and additional corporate partner engagement.

The Program Manager will report to and operationalize this accelerator under the direction of the Executive Director, Engineering Innovation & Director of the Roberts Innovation Fund, playing a central role in evaluating, monitoring, and supporting awards across a diverse range of quantum-focused lab projects advancing from "lab" to "market-ready." Given the close integration between this accelerator and the broader QuantumCT ecosystem, the Program Manager will work closely with the Associate Vice President, Research Innovation & Entrepreneurship at UConn and the QCT CEO in a dotted-line capacity throughout their tenure. After an initial two-year term position at Yale, this role is expected to transition fully into QCT, the nonprofit organization.

Key Responsibilities

Portfolio Management

- Assist in the analysis and evaluation of potential award opportunities, including due diligence on proposed lab projects and market research on quantum applications.

- Support the Executive Director, the QuantumCT CEO and the Associate Vice President Innovation & Entrepreneurship at UConn, in working with an external advisory board and QuantumCT ecosystem partners on award decisions, including comprehensive investment memos and market research.

- Monitor the performance of funded lab projects, including research milestones, translational progress, and market trends.

- Coordinate mentor engagement activities and support workshops for participating faculty/research teams across Yale and UConn.

- Support the eventual handoff of company-ready ventures to QCT, coordinating with QCT staff on continuity of support.

Reporting and Analysis

- Generate regular reports on accelerator performance, prepare dashboard highlighting key metrics, milestones achieved, and areas for improvement.

- Conduct analysis to assess the impact of award decisions on overall program outcomes and pipeline health.

- Prepare presentations and updates for stakeholders, including Yale and UConn leadership, the NSF Engine team, advisory boards, and QuantumCT partners.

- Work with the QCT communication team to highlight new startups and their success.

Relationship Management

- Cultivate strong relationships with faculty researchers and key stakeholders across both Yale and UConn to support ongoing recruitment and engagement.

- Act as a liaison between the accelerator and QCT, industry partners, strategic advisors, and investors within the broader QuantumCT engine, working closely (dotted line) with the QCT CEO to ensure alignment as ventures move toward company formation.

- Represent the program at Yale, UConn, and QuantumCT events to enhance visibility and attract applicants from both universities.

- Coordinate with Yale Ventures associates and UConn counterparts supporting research and application analysis. Work with other QCT professionals who have similar roles to coordinate different activities to have a unified approach.

- Build a database of emerging quantum startups in the US who can be included in the QCT Accelerator, thus helping build the ecosystem.

- Identify quantum and deep tech investors and engage them to join the program.

Operations

- Provide administrative support for accelerator operations, including maintaining applicant databases, fund reports, organizing meetings, and coordinating communications across the Yale/UConn/QCT ecosystem.

- Assist in preparing materials such as pitch decks and due diligence support as needed.

- Organize and support event activities such as AMAs, investor meetings, and relevant QuantumCT or Yale Innovation Summit events.

This is a hybrid in-person position in New Haven, CT with at least 3 days per week on site with time spent between Yale, UCONN and QuantumCT offices as needed.

Required Skills and Abilities

1. Strong analytical skills with the ability to evaluate complex research programs and emerging quantum technologies.

2. Excellent written and verbal communication skills, with the ability to articulate award theses and present findings to varied stakeholders.

3. Highly organized, able to manage multiple projects across two university systems and meet tight deadlines. Ability to work effectively both independently and as part of a collaborative, multi-institutional team environment.

4. A passion for entrepreneurship, innovation, and technology transfer from academic research to commercial impact.

5. Proficiency in Excel, PowerPoint, Salesforce, or equivalent CRM solutions.

Preferred Skills and Abilities

1. Bachelor's degree and at least 5 years of experience in startups, program management, accelerators and/or incubators.

Principal Responsibilities

1. Oversees the advancement and growth of the program. Gives direction and leadership supporting the philosophy, mission, strategy, and annual goals and objectives. Assumes primary accountability for disseminating and publishing all program information to create public awareness and support of the program. 2. Works closely with leadership, internal and external colleagues, and community residents to further develop and implement strategic plans. 3. Identifies, solicits, and cultivates community partnerships and collaborations to assist in the development and growth of the program. Develops the metrics to identify and measure the success of the program. Responsible for measurements of grant success and related evaluation. 4. Assists in identifying and evaluating potential future funding sources, and contributes to the submission of grants and contracts supporting the program, including the annual submission and writing of all content areas and budgetary sections of grant applications. Develops and manages the program's operating budget. 5. Develops the administrative infrastructure of the program. Manages human resource and administrative functions of the program, including staffing and hiring, supervision, performance development, counseling and discipline, if warranted. Oversees and manages information systems, facilities, and space needs. 6. Investigates, identifies, implements, and oversees the maintenance of systems to gather, track, and report information to support the initiatives of the program. Tracks all program activities and regularly informs leadership of progress on each initiative. Recommends structural or programmatic adjustments, changes or additions based on full knowledge of missions, goals, and objectives. 7. Initiates, designs, and manages the compilation of program communications; identifying outreach potential, and promoting philanthropic and collaborative support of the program. Contributes to the development and assists in the management of content on the program's website and monitors all changes and additions to the editorial content. 8. May perform other duties as assigned.

Required Education and Experience
Bachelor's degree in a related field and four years of related experience or an equivalent combination of education and experience.

Job Posting Date

09/17/2026

Job Category

Professional

Bargaining Unit

NON

Compensation Grade

Administration & Operations

Compensation Grade Profile

Supervisor; Senior Associate (P5)

Salary Range

$68,000.00 - $120,500.00

Time Type

Full time

Duration Type

Staff Fixed Duration (Fixed Term)

Work Model

Hybrid

Background Check Requirements

All candidates for employment will be subject to pre-employment background screening for this position, which may include motor vehicle, DOT certification, drug testing and credit checks based on the position description and job requirements. All offers are contingent upon the successful completion of the background check. For additional information on the background check requirements and process visit "Learn about background checks" under the Applicant Support Resources section of Careers on the It's Your Yale website.

Health Requirements

Certain positions have associated health requirements based on specific job responsibilities. These may include vaccinations, tests, or examinations, as required by law, regulation, or university policy.

Posting Disclaimer

Salary offers are determined by a candidate's qualifications, experience, skills, and education in relation to the position requirements, along with the role's grade profile and current internal and external market conditions.

The intent of this job description is to provide a representative summary of the essential functions that will be required of the position and should not be construed as a declaration of specific duties and responsibilities of the position. Employees will be assigned specific job-related duties through their hiring department.

The University is committed to basing judgments concerning the admission, education, and employment of individuals upon their qualifications and abilities and seeks to attract to its faculty, staff, and student body qualified persons from a broad range of backgrounds and perspectives. In accordance with this policy and as delineated by federal and Connecticut law, Yale does not discriminate in admissions, educational programs, or employment against any individual on account of that individual's sex, sexual orientation, gender identity or expression, race, color, national or ethnic origin, religion, age, disability, status as a special disabled veteran, veteran of the Vietnam era or other covered veteran.

Inquiries concerning https://your.yale.edu/policies-procedures/policies/9000-yale-university-policy-against-discrimination-and-harassment may be referred to the Office of Institutional Equity and Accessibility (OIEA).

Note

Yale University is a tobacco-free campus.

To apply, visit https://apptrkr.com/9850281

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