
Job Title	Research Associate
PVN ID	CC-2507-006941
Category	Research
Location	The CITY COLLEGE of NEW YORK
Department	Civil Engineering
Status	Full Time
Hourly Rate	\$30.00-\$50.00
Hour(s) a Week	35
Closing Date	Sep 29, 2025 (Or Until Filled)

General Description

We are seeking a full-time Research Assistant to support business modeling and commercialization strategy for a novel sensor technology designed to detect emerging contaminants in drinking water. The successful candidate will join a multi-campus, interdisciplinary team focused on developing and translating innovative sensing technologies for monitoring contaminants such as per- and polyfluoroalkyl substances (PFAS). The role will involve market research, stakeholder engagement, economic feasibility assessments, and support for grant applications and business planning. This is an exciting opportunity for someone passionate about environmental innovation and public health to contribute to translating cutting-edge research into real-world impact.

Other Duties

- Conduct market research and competitive analysis on water quality monitoring technologies
- Assist with developing business models, value propositions, and go-to-market strategies
- Support techno-economic analysis and cost-benefit assessments
- Help prepare reports, presentations, and outreach materials for stakeholders and funders
- Coordinate with technical team members and academic, industry, and government partners
- Contribute to grant proposals and project documentation
- Other duties as assigned

Qualifications

- Bachelor's degree (B.S. or equivalent) in Environmental Science, Environmental Engineering, Business, or a related field

- Strong analytical and communication skills
- Experience conducting literature reviews, data synthesis, or market analysis
- Interest in environmental technology, water quality, or sustainability. Additionally, preferred qualifications include;
- Coursework or experience in both technical and business disciplines (e.g., environmental economics, product development, engineering economics)
- Experience with startup ventures, innovation programs, or public health initiatives
- Familiarity with emerging contaminants (e.g., PFAS, pharmaceuticals, etc.)