

Job Title	Research Associate
PVN ID	RC-1606-001250
Category	Research
Location	CUNY-ADVANCED SCIENCE RESEARCH CENTER
Department	Nanoscience
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	Jul 13, 2016 (Or Until Filled)

General Description

The City University of New York's newest facility, the CUNY Advanced Science Research Center (ASRC) builds on the success of the University's rich past with the goal of becoming a leader in visionary scientific research in the future. Focusing on the fields of Structural Biology, Nanotechnology, Photonics, Neuroscience, and Environmental Sciences, the ASRC will operate as a nucleus of a University-wide science enterprise, fostering the development of an integrated research network that brings together faculty, students, and post-doctoral fellows from CUNY's colleges across the five boroughs. This state-of-the-art, world-class facility will house a staff of elite scientists and leaders who will seek to break down the walls between disparate but increasingly interrelated disciplines of applied science. To learn more about the ASRC visit www.asrc.cuny.edu.

The CUNY ASRC Nanoscience Initiative seeks applicants from individuals with experience in synthetic organic chemistry to join a renowned research group as a Research Associate. The group explores the interface of organic chemistry, biology and materials science to find new solutions to energy, health, and environmental challenges with a focus on supramolecular interactions, nanomaterials, and molecular printing. Emphasis is placed on the rational design of target molecules and a fundamental understanding of their assembly and function. A PhD in chemistry is essential, with experience in organic synthesis and an understanding of biochemistry and/or materials science. The successful applicant will have a proven track record of peer reviewed publications in high quality journals, excellent verbal and written communication skills and the ability to work well independently or as part of a team.

Other Duties

Responsibilities include, but are not limited to:

- Performs research activities independently under supervision of PI and assists with complex research activities.
- Accurately documents findings, progress and observations, and interprets results
- Assists in experimental design and method development
- Writes research proposals and abstracts
- Prepares research results for publication and assists with writing publications
- Trains new employees in routine processes, and mentors students
- Ensures the safe operation of equipment and the effective completion of assignments by following protocols
- Performs related duties as assigned.

Qualifications

Core Competencies

- Intellectual strength in a field of knowledge, or specialty, pertinent to the research area, as evidenced in areas of study, teaching, publication and/or research background
- Knowledge of cutting-edge research in the field
- Ability to comprehend and act on assignments of varying complexity
- Ability to handle multiple assignments
- Ability to work on a team as well as independently
- Ability to use effectively all research equipment and devices standard to the field; ability to use and manage web-based technology as required

Minimum qualifications

- A Ph.D. in an appropriate field of science from an accredited institution

Preferred Skills

Experience

- Experience in an area of organic synthesis, biochemistry and materials science
- Expertise in an experimental area of organic synthesis.
- Demonstrated expertise at working across and within disciplines
- Experience of supervising students at UG and PG level
- Publication of results in high quality journals
- Evidence of active conference participation

Personal Attributes

- Excellent communication skills
- A proven team player, able to collaborate and motivate successfully
- Ability to plan workload effectively
- Excellent interpersonal skills

- Confident and competent experimentalist