

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

## General Description

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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](http://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

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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

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### 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