

Job Title	Research Associate
PVN ID	ME-1611-001503
Category	Research
Location	MEDGAR EVERS COLLEGE
Department	
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	Feb 06, 2017 (Or Until Filled)

General Description

Prof. Michele Vittadello is seeking to fill a Research Associate position in the Energy Nanotechnology and Materials Chemistry Team, in the Department of Chemistry and Environmental Science at Medgar Evers College of the City University of New York (CUNY). Prof. Vittadello received his Ph.D. in chemical sciences from the University of Padua in Italy. He conducted post-doctoral research in solid state physics at Hunter College of CUNY, and materials science and engineering at Rutgers, the State University of New Jersey. Prof. Vittadello's team is focused on the investigation of physical chemical properties of nanomaterials, materials and biomaterials relevant for energy storage/generation. Prof. Vittadello's team is committed to the highest level of scientific inquiry and is engaged in groundbreaking innovation. Specifically, the Research Associate will be involved with the assembly and characterization of mitochondrial biohybrid systems supported on graphene oxide (GO).

Other Duties

The Research Associate will carry out and lead research activities relevant to funded projects and spearhead new projects. He will interact and provide instructions to graduate, undergraduate, and high school researchers and participate in collaborative efforts. The Research Associate may carry out measurements at major equipment facilities in the CUNY network such as the CUNY Advanced Science Research Center and the New York Structural Biology Center. The Research Associate may be allowed to teach one course per semester for the purpose of supplementing his/her salary.

Qualifications

The ideal candidate has a Ph.D. in Chemistry and Chemical Biology with experience in work at the interface of

biochemistry and materials science. The candidate will be involved in: cell culture growth, protein purification by FPLC and HPLC, synthesis and characterization of GO derivatives in suspension and thin-film, assembly and characterization of protein-GO bioconjugates, spectroscopic and spectrometric investigations, atomic force microscopy with *in situ* electrochemical measurements, data collection and processing, writing for peer-review publications, patents, and grant funding.