



Job Title	Postdoc Position in Computational Chemistry
PVN ID	BA-2305-005629
Category	Research
Location	BARUCH COLLEGE
Department	
Status	Full Time
Annual Salary	\$56,000.00 - \$60,000.00
Hour(s) a Week	35
Closing Date	Jul 19, 2023 (Or Until Filled)

General Description

One postdoctoral fellow in computational chemistry is available immediately at the Department of Natural Sciences at Baruch College, the City University of New York (CUNY). The initial appointment is 1 year, and could be extended to 3 years upon mutual agreements. You will be primarily contributing to therapeutic peptide design by means of fundamental studies on protein-peptide interactions. A variety of computational approaches will be employed, including but not limited to, atomistic simulations, MARTINI coarse-grained simulations, and machine learning.

Baruch College is located in midtown Manhattan and easily reached from the other towns of the New York City/State and New Jersey by public transportation and car. CUNY provides a diverse range of research institutions and collaborators. CUNY is also strongly committed to a diverse work environment.

Your profile:

The successful candidate is expected to have solid experiences and skills in computational biophysics, physical chemistry, MD simulations, machine learning, coding in Linux OS, and high-performance computing. The candidate is expected to be familiar Gromacs package and python language. Moreover, a strong interest in interdisciplinary research and collaboration with experimental groups is desired. You must hold a PhD or equivalent degree in chemistry or a related field.

What we offer:

- We offer a full-time appointment as a postdoctoral fellow for 1 year (with possible extension to 3 years upon mutual agreement).
- The position is open immediately.
- We are offering a competitive scholarship for your stay in the NY area
- CUNY offers competitive benefits covering health insurance, pension and retirement benefits, paid parental leave, and savings programs.

How to Apply:

Please submit your application including cover letter (background and motivation), CV (education, experience, computational skills, and publication list), two letters of recommendation, and transcripts.

Other Duties

- Publish peer-reviewed papers
- Attend related conferences
- Aid professor in supervising undergraduates and/or graduates

Qualifications

The successful candidate is expected to have proven experiences in protein interactions using computational approaches of atomistic/coarse-grained simulations and/or machine learning.