



POSTDOCTORAL RESEARCHER POSITION
Theoretical/Computational Chemistry
NYU Shanghai

Applications are invited for postdoctoral positions in the group of Prof. William Glover at NYU Shanghai. Research projects include developing and using multiphysics excited-state ab initio dynamics methods to understand photosynthetic light harvesting and DNA damage. A particular emphasis of this work is in making direct connection to experiment by simulating observables. To achieve these goals, we develop cutting-edge computational tools, including Graphical Processing Unit (GPU)-based quantum chemistry code. More details can be found at <https://wp.nyu.edu/glover>.

Research at NYU Shanghai is supported by the Center for Computational Chemistry, a research institute operated jointly by NYU, NYU Shanghai, and East China Normal University. The center has a core group of faculty members who are conducting frontier research in various fields of computational chemistry, biology, and material sciences. More details can be found at <https://shanghai.nyu.edu/research/chemistry>.

Candidates should have the following qualifications:

- Ph.D. in Chemistry or Physics or related fields
- Experience with electronic structure and molecular dynamics calculations
- Experience developing code
- Good command of the English language

The ideal candidates will also have expertise in developing electronic structure code and analytical gradient theory.

The positions are available immediately or upon mutual agreement. Benefits and salary are competitive. The position term is for 12 months initially, with possibility of extension.

Applications will be reviewed until the position is filled. To be considered, applicants should submit a cover letter with a brief description of research accomplishments and interests, a *curriculum vitae* with a list of publications, and the names and contact information of at least two references. Please visit our website at <http://shanghai.nyu.edu/about/work/fellowships> for instructions and other information on how to apply. If you have any questions, please e-mail william.glover@nyu.edu.

About NYU Shanghai:

NYU Shanghai is the newest degree-granting campus within the NYU Global Network University. It is the first Sino-US higher education joint venture to grant a degree that is accredited in the U.S. as well as in China. All teaching is conducted in English. A research university with liberal arts and science at its core, it resides in one of the world's great cities with a vibrant intellectual community. NYU Shanghai recruits scholars who are committed to NYU's global vision of transformative teaching and innovative research.

New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. There are three degree-granting campuses in New York, Shanghai, and Abu Dhabi, and complemented by eleven additional academic centers across five continents. Faculty and students circulate within the network in pursuit of common research interests and cross-cultural, interdisciplinary endeavors, both local and global.