

Department of Chemistry, The University of Western Ontario, Canada

Postdoctoral position available immediately

A postdoctoral position is available in the research group of Dr. Styliani Consta (<https://uwo.ca/chem/people/faculty/constas.html>) in the Department of Chemistry, The University of Western Ontario, London, Ontario. The research topic can be in any of the following broader computational directions: (a) Modelling of liquid-vapour interfaces and atmospheric aerosols; (b) Modelling of ionic solutions in electrochemical processes; (c) Modelling of biological molecule-cold water interactions.

Qualifications of the candidate

1. A Ph.D degree in Chemistry, Physics/Biophysics, Chemical Engineering, Materials Science or related fields.
2. Proficient experience in computational chemistry/physics including Molecular Dynamics and Monte Carlo methods, computation of free energies, and excellent knowledge of software NAMD or LAMMPS or CHARMM, VMD and ab-initio MD codes such as CP2K.
3. Excellent knowledge of a computer programming language such as C or C++ or Python and script preparation.
4. Good communication and written skills, ability to work independently and in a team environment, willingness, and ability to assist with mentorship of undergraduate and graduate students, and strong interest in research are essential.

Application details

Applications should consist of a current CV, a list of three referees with contact information and a cover letter indicating your motivation, area of interest, as well as your availability. Documents should be emailed in a single PDF file to Dr. Styliani Consta at sconstas@uwo.ca. **The position is available immediately and the search will continue until the position is filled.** Candidates in consultation with the supervisor may consider applying in the Postdoctoral Fellowships Program at Western. Information can be found at: https://www.uwo.ca/research/funding/students/western_postdoctoral_fellows.html Salary will be discussed with Dr. S. Consta.