

Department of Chemistry, The University of Western Ontario, Canada**Postdoctoral position available****February 28, 2023**

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 directions (a) liquid-vapour interfaces and modelling of atmospheric aerosols; (b) modelling of electrochemical processes; (c) modelling of protein-surface 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 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 C or C++ or Python and script preparation.
4. Good communication and written skills, ability to work independently and in a team environment, and strong interest in the 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 with deadline May 23, 2023. Information can be found at: https://www.uwo.ca/research/funding/students/western_postdoctoral_fellows.html Salary will be discussed with Dr. S. Consta.