POSTDOCTORAL POSITION IN MODELING OF NANO-BIOSYSTEMS

Nano-Biosystems group has a post-doctoral opening in cutting-edge theoretical and modeling research on protein dynamics. Employing detailed molecular simulations and new and unique methods of analysis, you will identify molecular mechanisms which may lead to misfolding of amyloidogenic proteins. The responsibilities will include building appropriate molecular structures of the proteins, carrying out molecular dynamics simulations of these structures, and identifying structural and dynamical trends of amyloidogenic conformation changes.

The position requires:

- PhD in physics, chemistry, engineering, or related field within 4 years prior the appointment date;
- Knowledge of molecular dynamics simulation methods;
- Experience in biomolecular modeling and simulations;
- Demonstrated record of research productivity.

Fluency in scientific programming will be an asset.

To Apply:
Please e-mail your CV and contact information for three references to:
Dr. Maria Stepanova
Department of Electrical and Computer Engineering,
University of Alberta
Email ms1@ualberta.ca

Closing date:
The position is open until filled.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.