POSTDOCTORAL POSITION IN Micro- And Nano-Biological Systems And Devices

Nano-Biosystems group has a post-doctoral opening in development and fabrication of micro- and nano-biological architectures interfacing solid-state electronic components with stimuli-responsive biopolymers such as DNA or polypeptides. The responsibilities will include fabricating micro- and nanoscale components by a variety of methods including e-beam lithography and focused ion beams; bio-functionalizing the devices; and probing of their structure and performance.

The position requires:
- PhD in experimental physics, chemistry, engineering, or related field within 4 years prior the appointment date;
- Hands-on experience in clean-room micro- and nano-lithography techniques;
- Demonstrated record of research productivity.

Experience in Raman spectroscopy, SERS, nanoplasmonics, or heterogeneous catalysis 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.