



**University
of Victoria**



Postdoctoral Fellowship at the University of Victoria and Redlen Technologies

Applications are invited for a Mitacs Postdoctoral Fellowship sponsored by the Department of Electrical and Computer Engineering at the University of Victoria, and Redlen Technologies Inc, also located in Victoria, BC. Redlen is the leading provider of multi-energy, X-ray imaging modules based on proprietary Cadmium Zinc Telluride imaging sensors and the University of Victoria is the #2 ranked comprehensive university in Canada.

The successful applicant will develop new surface treatments for next generation CZT detectors using Atomic Layer Deposition and state of the art electronic and surface characterization tools at Redlen Technologies and the University of Victoria. Some travel may be required for thin film deposition and interface characterization using synchrotron radiation, as pandemic travel restrictions permit. Funding is available for this position for two years and the salary will be \$50,000 per year.

The successful applicant will be a talented and motivated individual with a PhD in physics, materials science, electrical engineering, surface science or related areas of science or engineering, ideally with experience in some or all of thin film deposition, surface analysis and electrical characterization of semiconductor devices. If you are interested in this position please send a cover letter, CV and the names and contact information for at least two referees who are familiar with your work by email to, Tom Tiedje at ttiedje@uvic.ca by January 31, 2021.

UVic is committed to upholding the values of equity, diversity, and inclusion in our living, learning and work environments. In pursuit of our values, we seek members who will work respectfully and constructively with differences and across levels of power. We encourage applications from members of groups experiencing barriers to equity.