

Postdoctoral Fellow: Materials Sciences, Nanostructured Coatings for Implant Applications

**Institute for Diagnostic Imaging Research
University of Windsor,
Windsor, ON**

Description: Postdoctoral Fellow to work on cutting-edge development of bioactive nanostructured coatings for implant applications. The project will include both experimental work involving electrophoretic deposition of nanostructured coatings as well as characterization of the formed nanostructured coatings at the medical device level.

Required Qualifications: The successful candidate should have a Ph.D. in materials science, chemical engineering, physics, chemistry, or related field. Background in the following areas is highly desirable: nanostructured bioactive coatings for dental and orthopedic applications, electrophoretic deposition, including micro-arc assisted deposition, and characterization of nanostructured coatings. Demonstrated ability to effectively communicate research result in the form of journal papers and oral presentations is essential. Seek creative, highly motivated individual with a passion for development work leading to high-impact applications. Must be able to work in a multidisciplinary group.

Duration: Initial appointment will be for 1 year, May 1, 2010, or upon a date to be mutually agreed, with the possibility of renewal for a second year upon satisfactory performance and available funding.

Salary: This is a grant funded position. Salary will be competitive and commensurate with experience.

Application: Candidates should submit a CV including a list of publications as well as the names and contact information of three references electronically to:

Sarah Beneteau
Administrative Manager
Institute for Diagnostic Imaging Research
University of Windsor
Windsor, Canada
(beneteh@uwindsor.ca)

Applications will be reviewed beginning March 22, 2010 and will continue until the position is filled. All applicants are thanked in advance; only those selected for further consideration will be contacted.

In pursuit of the University of Windsor's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, and Persons with Disabilities) are encouraged to apply. In accordance with Canadian Immigration Requirements, all qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Application Deadline: Open until filled