Faculty position
Biomaterials and Bioengineering

In the heart of the beautiful Quebec City, one of the major French-speaking towns in North America and declared by UNESCO world heritage, Laval University is a main Canadian University recognized for its excellence in teaching and research.

TENURE TRACK ASSISTANT PROFESSOR POSITION
Department of Mining, Metallurgy and Materials Engineering invites applications for a full-time tenure track faculty position in biomaterials and bioengineering. The candidate will be required i) to teach in the specialties of the department, at undergraduate and graduate level, ii) to develop an original and self-funded innovating research program in the field connected to the newly established Canada Research Chair Tier 1 in Biomaterials and Bioengineering for the Innovation in Surgery (www.lbb.gmn.ulaval.ca) and iii) to supervise graduate students in the projects connected to the Chair. The targeted fields of research are: i) design and development of scaffolding structures for the 3D cell culture in bioreactors under mechanical stresses and strains for the regeneration of cardio-vascular tissues; ii) the interactions between materials, surfaces and extra cellular matrix proteins, and in particular functional coatings to improve the clinical performances of medical devices; and iii) design and development of specific tests to assess biological performance of a new family of biomaterials based on degradable metallic materials for biomedical applications.

SELECTION CRITERIA
The candidate must have a doctoral degree in science or engineering in a field related to biomaterials and bioengineering. A membership or the ability to become a member of an order of professional engineers recognized in Canada will be an asset. The ability to communicate in French orally and in writing or potential to acquire it within three years since the appointment is required. Academic experience in research and industrial experience in the fields of the Chair will be considered during the selection process.

CANDIDATURE
Deadline for submitting candidature: September 22\textsuperscript{nd}, 2012
Expecting starting date: May 1\textsuperscript{st}, 2013

The candidature must include a letter of intent and motivation, a complete CV, and three (3) letters of reference to be sent to the attention of:

Jacek Paraszczak, ing., Ph.D., Head
Département de génie des mines, de la métallurgie et des matériaux
Université Laval
Pavillon Adrien-Pouliot, Local 1728
1065, avenue de la Médecine
Québec (Québec) G1V 0A6, CANADA
Or by email: jacek.paraszczak@gmn.ulaval.ca

“Valuing diversity, Université Laval encourages all qualified individuals to apply—particularly women, visible and ethnic minorities, aboriginal persons, and persons with disabilities, but priority will be given to Canadians and Canadian permanent residents.”