## Tenure-track Assistant Professorships in Statistical Genetics and Bioinformatics

**at Ecole Polytechnique Fédérale de Lausanne (EPFL)**

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

The Faculty of Life Science (http://sv.epfl.ch) of the Swiss Federal Institute of Technology Lausanne (EPFL) seeks **a tenure track Assistant Professor** in the field of Statistical Genetics and Bioinformatics.

The open faculty position is offered in an environment of translational biomedical research, rich for seeking deeper understanding of integrative (patho) physiological mechanisms contributing to the development of complex diseases, with as ultimate goal the development of novel preventive and therapeutic approaches. The Faculty of Life Sciences has recently opened the Center of PhenoGenomics, a state-of-the-art platform that combines the capacity to generate and analyze mouse models of disease in a high throughput fashion. The Faculty of Life Sciences furthermore fosters interactions with other relevant domains of the EPFL, such as the Faculty of Basic Sciences (mathematics, statistics) and of Information and Communication Technologies. In addition close ties exist with relevant clinical departments at the Centre Hospitalier Universitaire Vaudois (CHUV), with the Faculty of Biology and Medicine of the University of Lausanne, and with the Swiss Institute of Bioinformatics.

The candidate should be trained in statistical genetics and in bioinformatics. Skills in clinical genetics as applied to mouse or human disease models, biomedical informatics, and databases/programming would be a plus.

He/she is expected to develop an independent and creative research program that will improve the analysis of large data sets derived from clinical, genetic, genomic, proteomic, and phenomic analyses of genetically engineered mouse models, of mouse genetic reference populations, and of human populations. Successful candidates will participate in undergraduate and graduate teaching.

While the faculty search will be ongoing, we will begin considering applications in **September 2010.**

Applications should be uploaded at
**http://biostatsearch.epfl.ch**

Inquiries and questions may be addressed to:
**Professor Johan Auwerx**
**biostat.search@epfl.ch**

For additional information on the School of Life Sciences and EPFL, please consult **http://sv.epfl.ch/ and http://www.epfl.ch,** respectively.

EPFL is committed to expanding the ranks of women on its faculty, and qualified women are strongly encouraged to apply.

UNIVERSITY OF SASKATCHEWAN

## CANADA RESEARCH CHAIR (TIER I)
## MOLECULAR MEDICINE USING SYNCHROTRON LIGHT

Applications are invited for a Tier I Canada Research Chair in Molecular Medicine using Synchrotron Light. Candidates should be senior researchers with strong internationally competitive track records employing macromolecular crystallography and small angle X-ray scattering, with outstanding leadership skills and the desire to work in a multi-disciplinary environment. This senior Chair will lead a vigorous research program addressing questions of health relevance to Canada, and will capitalize on and strengthen existing research infrastructure and collaborations at the University of Saskatchewan.

The University of Saskatchewan (**www.usask.ca**) is home to the Canadian Light Source (CLS; **www.lightsource.ca**), a world-class synchrotron light facility. The CLS features a strong life and health-science beamline cluster including two state-of-the-art macromolecular crystallography beamlines. The Chair will develop and engage in a vigorous CLS-based research program of international calibre. It is anticipated that the Chair will also provide scientific leadership for a national proposal to develop a new small angle X-ray scattering facility at the CLS.

The University of Saskatchewan is home to and immersed in a unique health science cluster, incorporating the CLS, the College of Medicine, Western College of Veterinary Medicine, College of Pharmacy and Nutrition, Vaccine and Infectious Disease Organization (VIDO-InterVac; **www.vido.org**) with its level 3 containment facilities, and the Saskatchewan Structural Sciences Center (**www.usask.ca/sssc**) which operates four modern NMR spectrometers. The University has strong local linkages to other health resources including the Saskatoon Cancer Centre, Saskatoon Health Region and the Cameco MS Neuroscience Research Centre. The Chair is expected to form extensive local research links and will benefit from access to the substantial resources available. The Chair will also contribute to training and knowledge exchange activities relating to aspects of molecular medicine and molecular design.

The Canada Research Chairs Program stands at the center of a national strategy to make Canada one of the world's top countries in research and development (**www.chairs-chaires.gc.ca**). The successful candidate will be appointed at appropriate rank within the College of Medicine (**www.medicine.usask.ca**). Interested candidates should send an updated CV, letter of introduction, contact information for three referees, and a research summary in confidence to: **Dr. William Albritton, Dean, College of Medicine, University of Saskatchewan, B103 Health Sciences Building, Saskatoon, SK, CANADA S7N 5E5**. For more information, e-mail **william.albritton@usask.ca** or call **1-306-966-6149**. Applications will be considered from **June 15, 2010** and will continue until the position is filled.

*All qualified candidates are encouraged to apply, however, Canadians and permanent residents will be given priority. The University of Saskatchewan is committed to Employment Equity. Members of designated groups (women, Aboriginal peoples, people with disabilities and visible minorities) are encouraged to apply.*