



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Bioengineering Faculty Positions in Immunoengineering at Ecole polytechnique fédérale de Lausanne (EPFL)

The Institute of Bioengineering at EPFL is soliciting applications for **tenure-track assistant professors** in the broad area of **immunoengineering**, an emerging field at the interface of immunology and bioengineering. Appointments at other ranks will be exceptionally considered as well.

Bioengineering at EPFL is well integrated between the School of Engineering and the School of Life Sciences. Close interactions with the new Wyss Center for Bio- and Neuro-Engineering, University of Lausanne, the Canton of Vaud University Hospital (CHUV), and the Ludwig Institute for Cancer Research are possible, and encouraged.

The open faculty position is offered in a rich environment for both basic and translational science, of both theoretical and experimental research. The search is open in terms of research area within the broad domain of immunoengineering, including (but not limited to) systems and computational immunology, microfluidic and high-throughput technology, systems physiology, cell and tissue engineering, and materials and biomolecular engineering in vaccines and immunotherapeutics.

The EPFL is a dynamic science and engineering university fostering excellence and diversity. It is consistently ranked among the top research institutions in Europe, and offers a rich international environment with English as the common language. Research is supported by numerous outstanding core facilities including imaging, proteomics, bioinformatics, transgenomics, flow cytometry, microfabrication, and electron microscopy.

Successful candidates are expected to initiate independent, creative research programs and participate in undergraduate and graduate-level teaching. Internationally competitive salaries, start-up resources and benefits are offered.

Applications should include a curriculum vitae with a list of publications, a concise statement of research and teaching interests, and the names and addresses (including e-mail) of at least five referees. Applications should be uploaded (as PDF files) to the recruitment web site:

<http://immunoeng-search.epfl.ch>

Formal evaluation of candidates will begin on **30 November 2013** and continue until the position is filled.

Enquiries may be sent to:

Prof. Melody A. Swartz

Search Committee Chair

e-mail: immunoeng-search@epfl.ch

For additional information on the EPFL and the Institute of Bioengineering, please consult: www.epfl.ch, sti.epfl.ch, sv.epfl.ch and bioengineering.epfl.ch.

EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.



Positions in Molecular or Biophysical Neuroscience Department of Biochemistry School of Molecular and Cellular Biology University of Illinois at Urbana-Champaign

The School of Molecular and Cellular Biology (<http://mcb.illinois.edu/>) at the University of Illinois at Urbana-Champaign seeks outstanding applicants for two tenure-track Assistant Professor positions in the Department of Biochemistry in the area of **Molecular and Biophysical Neuroscience**.

We are interested in candidates conducting mechanistic research in any area of molecular neuroscience, including, but not limited to: biochemical or biophysical studies of neurotransmitter receptors and other membrane channels, transporters or receptors; axonal transport and protein trafficking/synaptic vesicle biology; biochemical studies of neurodegenerative diseases; molecular basis of memory; role of oxidative stress in neuronal function/dysfunction; and the biochemical basis for transcription, translation, RNA splicing, and/or epigenetic mechanisms in neural development.

Candidates must hold a Ph.D., M.D. or equivalent degree, have a strong track record of creativity and productivity, and strong potential for future independent research. The target starting date is August 16, 2014. Successful candidates will be located in the Department of Biochemistry and will be expected to conduct independent research, participate in our B.S. and Ph.D. programs, and teach effectively at the undergraduate and graduate levels. These positions offer excellent laboratory facilities, relocation and start-up funds, as well opportunities to work with outstanding graduate students. Our faculty strengths in membrane biophysics, structural biology, and gene regulation offer a strong infrastructure and provide opportunities for collaborative research.

The Urbana-Champaign campus offers state-of-the-art research facilities and programs that include the Beckman Institute, Institute of Genomic Biology, Roy J. Carver Biotechnology Center, Abbott/UIUC Center for Nutrition, Learning and Memory, and multiple student training grants, as well as facilities for NMR spectroscopy, X-ray crystallography, proteomics, metabolomics, high-throughput screening, flow cytometry, imaging (including fMRI), and transgenic mice. UIUC is a member of the Life Sciences Collaborative Access Team at Argonne National Lab, which provides routine access to synchrotron facilities for X-ray data collection. The campus has strong cross-departmental graduate programs in neuroscience, biophysics and quantitative biology and chemical biology, as well as superb computational resources at the National Center for Supercomputing Applications and the NIH Resource for Macromolecular Modeling and Bioinformatics.

Urbana-Champaign offers the residential advantages of a medium-sized university city, excellent cultural opportunities, and a high quality of life. In 2010, the University of Illinois at Urbana-Champaign received top rankings by Harvard University's Collaborative on Academic Careers in Higher Education for its pre-tenure practices in balancing work and home (<http://www.insidehighered.com/news/2010/11/15/coache>).

To ensure full consideration, create your candidate profile through <https://jobs.illinois.edu> and upload your application cover letter, curriculum vitae, concise summary of past research accomplishments, statement of future research plans and contact information for three professional references by **December 15, 2013**. Referees will be contacted electronically upon submission of the application. Although early applications are appreciated and interviews may be conducted before the closing date, hiring decisions will not be made until after the closing date. Questions can be addressed to the School of Molecular and Cellular Biology, 217-333-3166.

Illinois is an Affirmative Action/Equal Opportunity Employer and actively seeks individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu).