Faculty Position in Computational Environmental Sciences and Engineering at the Ecole polytechnique fédérale de Lausanne (EPFL)

The EPFL School of Architecture, Civil and Environmental Engineering (ENAC) invites applications for a faculty position in its Institute of Environmental Engineering (IIE), either at the tenure track level (Assistant Professor) or the tenured level (Associate or Full Professor). The appointee will join the newly formed EPFL Centre for Changing Alpine and Polar Environments (CAPE), based in Sion, Switzerland, and contribute to research and teaching activities within IIE. This appointment is one of several CAPE professorships, and offers unrivalled collaboration opportunities at the local and European levels.

Analogously to the early days of computational biology, computational environmental sciences and engineering are now on the rise. The role of computation in understanding changing environments is pervasive, being central to, for example, process-based models, design of sensor networks, and big data analysis and visualization. The research vision of CAPE includes developing understanding of connections between models across scales, from global earth system simulation to small-scale ecosystem functioning. The appointee will investigate multiscale analysis of environmental systems found at high latitudes or high elevations. Research focus of interest include, but are not limited to, development of multiscale models linked with widespread environmental data, sensor networks, biogeochemical fluxes across scales, hydrological and ecological networks, and data-driven environmental system modelling.

We seek an outstanding individual who will lead an internationally recognized research program that extends and leverages the opportunities offered by CAPE/EPFL. The professor will be committed to excellence in research and in undergraduate and graduate level teaching, and will contribute to the teaching program in Environmental Engineering at EPFL, which views basic and translational research as the foundation for environmental adaption and engineering design.

With its main campus located in Lausanne and its developing antennae in neighbouring cantons in Switzerland, EPFL is a growing and well-funded institution fostering excellence and diversity. It is well equipped with experimental and computational infrastructure, and offers a fertile environment for research collaboration between different disciplines. The EPFL environment is multilingual and multicultural, with English serving as a common interface. EPFL offers internationally competitive start-up resources, salaries, and benefits. It is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

The following documents are requested in PDF format: cover letter including a statement of motivation, curriculum vitae including explicit mention of career breaks, publications list, concise statements of research and teaching interests (3-5 pages) as well as the names and addresses, including emails, of at least three references for junior positions or five references for senior positions (may be contacted at a later stage). Applications should be uploaded to the EPFL recruitment web site:

https://facultyrecruiting.epfl.ch/position/10977282

Formal evaluation of the applications will begin on September 1, 2018 and the search will continue until the position is filled.

Further enquiries should be made to:
Prof. D. Andrew Barry
Chair of the Search Committee
E-mail: searchenvironmental@epfl.ch

For additional information on EPFL:

EPFL is an equal opportunity employer and a family friendly university.
Applications will be accepted until positions are filled. Send letter of interest, curriculum vitae, statement of research interests, and the names of three references by E-mail to: Position #0124922, c/o D. Bushey, Department of Epidemiology, University of Pittsburgh, A528 Crabtree Hall, 130 DeSoto Street, Pittsburgh, PA 15261; E-mail: dbb22@pitt.edu.

EEO/AA/M/F/Vets/Disabled.

University of Pittsburgh
Graduate School of Public Health
Department of Epidemiology

ASSOCIATE/ASSISTANT PROFESSOR OF EPIDEMIOLOGY
Infectious Diseases

The Department of Epidemiology, Graduate School of Public Health (GSPH), University of Pittsburgh, Infectious Diseases Epidemiology Research Program is recruiting tenure stream faculty at the Associate or Assistant Professor levels with expertise in infectious diseases epidemiologic research. Opportunities are available for collaboration with the Pitt Center for Global Health, Pitt clinical research sites in Mozambique and South Africa, and Center for Vaccine Research. GSPH regularly ranks among the highest in NIH funding. The Department of Epidemiology has a strong research portfolio, collaborating locally with other institutions across the University, nationally, and internationally. Initial salary support, start-up funds, and laboratory space (if needed) will be provided.

Candidates should have a doctoral degree (MD and/or PhD) and at least 3 years postdoctoral experience with a demonstrated record of recent research accomplishments and sufficient evidence to establish an independent, funded research program. Salary and academic rank will be commensurate with experience.

Applications will be accepted until positions are filled. Send letter of interest, curriculum vitae, statement of research interests, and the names of three references by E-mail to: Position #0124922, c/o D. Bushey, Department of Epidemiology, University of Pittsburgh, A528 Crabtree Hall, 130 DeSoto Street, Pittsburgh, PA 15261; E-mail: dbb22@pitt.edu.

Open Rank Faculty Position (tenure-track/tenured), Dept. of Molecular Biology and Microbiology, Case Western Reserve University (CWRU), Part of the CWRU - Cleveland VAMC Center for Antimicrobial Resistance and Epidemiology (Case VA CARES). We are seeking applications for a 12-month tenure track or tenured position at the Assistant, Associate, or Full Professor level. Case VA CARES aims to strengthen and expand the research program targeted at understanding mechanisms of antibiotic resistance. We encourage applications from individuals with demonstrated experience in molecular basis of antimicrobial action and resistance, alternative approaches to combating infections, animal models of infection with MDR organisms, as well as molecular epidemiology of MDR infections and bioinformatics. Successful candidates will establish a vigorous research program, teach, and interact with a nationally-ranked team scientists interested in AMR and infectious diseases. A Ph.D. or M.D. degree, as well as at least 3 years of postdoctoral training are required. Candidates at the Assistant Professor level must have demonstrated a capacity for independent research and exhibit a high likelihood of attracting federal funding. At the Associate and Full Professor level, candidates should have a record of federal funding, an active research program, and evidence of a national/international reputation. Rank and salary will be commensurate with experience.

The University offers partner benefits and is responsive to the needs of dual-career couples. Applicants must email a letter of application, CV, brief statement of research goals and accomplishments, and 3 references as PDF files to: MBIO-VAMC Search Committee (VAMBI0205@CASE.EDU). Only complete applications will be considered.

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply. Case Western Reserve University provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should contact the Office of Inclusion, Diversity and Equal Opportunity at 216-368-8877 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

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Faculty Position in Terrestrial Ecology

Joint Appointment between the Swiss Federal Institute for Forest Snow and Landscape Research (WSL) and the Ecole polytechnique fédérale de Lausanne (EPFL)

EPFL’s School of Architecture, Civil and Environmental Engineering (ENAC) and the Swiss Federal Institute for Forest, Snow and Landscape Research (WSL) invite applications for either a tenure-track (Assistant) or tenured (Associate or Full) Professor in the Institute of Environmental Engineering. The appointee will lead the Swiss Romande WSL Site, and contribute to research and teaching activities within the EPFL Institute of Environmental Engineering.

The Institute of Environmental Engineering (IIE) in ENAC carries out basic and translational research spanning fundamental understanding of environmental systems and their resilience to design of adaptation strategies. It covers a diverse portfolio in research, teaching and innovative technology development, including: Climate Change and Geochemical Cycles, Hydrology, Hydrodynamics, Precipitation, Water Quality, Bioremediation, Ecotoxicology, Air Quality, Renewable Energy, City and Landscape Development, Ecosystems, Ecology and Robotics. These research themes are underpinned by extensive facilities in, e.g., chemical, microbial and isotopic analysis. This professorship, along with the WSL Swiss Romande site, is located at EPFL’s main campus at Lausanne. While IIE as a whole is mainly based in Lausanne, it is currently undergoing expansion at the EPFL Sion campus, with the creation of the new Centre for Changing Alpine and Polar Environments.

WSL is the national Swiss organization for basic and applied research into use and management of natural resources including forests, landscapes, and biodiversity. It focuses on use and protection of resources and the management of risks of natural hazards. Together with civic and governmental bodies, WSL seeks sustainable solutions to societally relevant questions.

The joint WSL/EPFL professor in terrestrial ecology will have acknowledged strengths in research related to forests, biodiversity and ecosystem services in dynamic environments. Areas of interest within these domains include, but are not limited to: functional biodiversity in different settings (urban to forested), responses and adaption of ecosystems to global changes, management of ecosystem services at local-to-global scales, plant-soil interactions, and ecosystem climate responses.

The WSL/EPFL professor will lead an internationally recognized research program that leverages the opportunities offered by WSL and EPFL. The professor will support WSL research and outreach activities, and enhance the group’s integration into teaching and transdisciplinary research within ENAC. The appointee will promote excellence in research and in undergraduate and graduate level teaching.

The WSL/EPFL Professor of Terrestrial Ecology will be located at EPFL. EPFL is a growing and well-funded institution fostering excellence and diversity, with a highly international campus at an attractive location with excellent experimental and computational infrastructure. Teaching and research at EPFL covers essentially the entire palette of engineering and science, and offers a fertile environment for research collaboration between different disciplines. The EPFL environment is multilingual and multicultural, with English serving as a common interface. It is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

The following documents are requested in PDF format: cover letter including a statement of motivation, curriculum vitae including explicit mention of career breaks, publications list, concise statements of research and teaching interests (3-5 pages) as well as the names and addresses, including emails, of at least three references for junior positions or five references for senior positions (may be contacted at a later stage).

Applications should be uploaded to the EPFL recruitment website:

https://facultyrecruiting.epfl.ch/position/10977284

Formal evaluation of the applications will begin on August 15, 2018 and the search will continue until the position is filled.

Further enquiries should be made to:
Prof. D. Andrew Barry
Chair of the Search Committee
E-mail: SearchTerrestrialEco@epfl.ch

For additional information on WSL and EPFL:

EPFL is an equal opportunity employer and a family friendly university.
10 ways that Science Careers can help advance your career

1. Register for a free online account on ScienceCareers.org.
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3. Sign up to receive e-mail alerts about job postings that match your criteria.
4. Upload your resume into our database and connect with employers.
5. Watch one of our many webinars on different career topics such as job searching, networking, and more.
6. Download our career booklets, including Career Basics, Careers Beyond the Bench, and Developing Your Skills.
7. Complete an interactive, personalized career plan at “my IDP.”
8. Visit our Career Forum and get advice from career experts and your peers.
9. Research graduate program information and find a program right for you.
10. Read relevant career advice articles from our library of thousands.

Visit ScienceCareers.org today — all resources are free
Professor of Solid State NMR Spectroscopy

The Department of Chemistry and Applied Biosciences (www.chab.ethz.ch) at ETH Zurich invites applications for the above-mentioned position. The professorship should have a research focus on NMR spectroscopy of the solid state with possible applications in either the life sciences or materials research. Candidates are expected to establish a research programme at the forefront of method development in their field. Collaboration with other groups at ETH in application work or method development is strongly encouraged and teaching in all areas of physical chemistry is expected. In general, at ETH Zurich undergraduate-level courses are taught in German or English and graduate level courses are taught in English.

Please apply online: www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications, a statement of future research and teaching interests, and a description of the three most important achievements. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Lino Guzzella. The closing date for applications is 31 August 2018. ETH Zurich is an equal opportunity and family friendly employer and is responsive to the needs of dual career couples. We specifically encourage women to apply.

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Max Planck Institute for Terrestrial Microbiology

The Max Planck Institute for Terrestrial Microbiology in Marburg, Germany invites expressions of interest from or nominations of outstanding scientists for the position of Department Director.

The Max Planck Institute for Terrestrial Microbiology pursues a bold long-term research agenda in his or her own Department, and leads the Institute jointly with the fellow Directors. We seek a director with a high international reputation and a proven track record in research areas that complement, strengthen or expand the research agenda of the Institute (for details, please see http://www.mpi-marburg.mpg.de/), preferably with a focus on interactions between microorganisms, on interactions of microorganisms with their environment or with their hosts. Chief criteria for a directorship are scientific and scholarly excellence, creativity, and an innovative and unique research program, rather than seniority or publication rankings.

We offer an excellent and international research environment, outstanding infrastructure, and long-term scientific funding. The working language is English and qualified individuals of all nationalities will be considered.

The Max Planck Society is deeply committed to the principles of gender equality, diversity, and inclusiveness and welcomes expressions of interest from all backgrounds. We actively encourage individuals with disabilities to submit an expression of interest. The Max Planck Society is aiming to increase the proportion of women among its scientific leadership. We therefore strongly encourage expressions of interests from and the nominations of women.

Both expressions of interest and nominations are welcome. Expressions of interest must consist of a letter of intent, a full curriculum vitae incl. a complete publication list, a brief summary of previous research accomplishments and a brief concept statement outlining the structure and long-term, visionary research agenda of the Department. Further information can be obtained from the managing director, Prof. Dr. Victor Sourjik. Expressions of interest and nominations will be held in strictest confidence and should be sent by e-mail as a single pdf file to director@mpi-marburg.mpg.de

Expressions of interest and nominations are due by June 22nd 2018.

Short-listed candidates will participate in a search symposium in Marburg in November 2018.