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Vacancy: SCAR Executive Director

The Scientific Committee on Antarctic Research (SCAR) seeks an Executive Director. The successful candidate will play a leading role in the development of SCAR by implementing the vision for SCAR and Antarctic science.

Applications detailing experience, including a full CV and providing the names of three referees, should be sent by e-mail (info@scar.org) by 15th May 2015.

For further details please see www.scar.org/secretariat/vacancy.
The Faculty of Science (Philosophisch-Naturwissenschaftliche Fakultät) of the University of Basel invites applications for the position of a

**Professor of Chemistry (open rank)**

We are seeking for candidates with an internationally recognized research program and an outstanding publication record in

**Synthetic Organic Chemistry**

While all areas of organic chemistry will be considered, upon equal qualifications, preference will be given to candidates with a focus on synthetic methodology and/or target-oriented synthesis. The selected candidate is expected to participate in teaching chemistry at all levels of the BSc, MSc and PhD programs. The University of Basel has an established program for career progression allowing promotion to associate and full professor upon successful evaluation.

The Department of Chemistry is located near the centre of Basel, a town which provides a stimulating and supportive environment for interdisciplinary research thanks to the strong presence of science institutes as well as the chemical- and pharmaceutical industries. For further information see [http://www.chemie.unibas.ch](http://www.chemie.unibas.ch)

The selected candidate is expected to commence the appointment in Spring 2016. Applications received by 31 May 2015 are guaranteed full consideration. The University of Basel is an equal opportunity and family friendly employer committed to excellence through diversity. To increase the number of women in leading academic positions, the University strongly encourages applications from women. Applications, including a *curriculum vitae*, list of publications, an outline of current and future research plans and names of four referees should be sent by email (as pdf file) to Prof. Dr. Jörg Schibler University of Basel, Dean of the Faculty of Sciences, Klingelbergstrasse 50, 4056 Basel, dekanat-philnat@unibas.ch.

For further information, please contact:

Prof. Dr. Marcel Mayor, Department of Chemistry, E-mail: marcel.mayor@unibas.ch.

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The Department of Pharmaceutical Sciences at the Faculty of Science, University of Basel, invites applications for a

**Professorship in Molecular Pharmacy**

**(Associate or Full Professor)**

We are looking for a scientist with an outstanding track-record in the field of molecular pharmacy/medicinal chemistry. The successful candidate will help to further develop the strategic axis “Drug Sciences”, for which the Department of Pharmaceutical Sciences is internationally renowned ([http://www.pharma.unibas.ch](http://www.pharma.unibas.ch)).

The candidate is expected to:

- Establish a world-class research program in current topics of Molecular Pharmacy / Medicinal Chemistry, including drug design and synthesis, the investigation of target-ligand interactions and in vitro PK/PD evaluation
- Apply and extend available state-of-the-art techniques for the drug discovery and development process (500 MHz-NMR, QQQ-LCMS, Biacore, ITC)
- Actively collaborate with colleagues in the Department of Pharmaceutical Sciences as well as in joint research projects within and outside the University of Basel
- Have teaching experience to lead undergraduate (in German) and graduate (in English) level courses on medicinal chemistry and related topics in the Bachelor and Master programs of the Department.

The position is to be filled February 1, 2017 at the latest. The University of Basel is an equal opportunity and family friendly employer committed to excellence through diversity. To increase the number of women in leading academic positions, the University strongly encourages applications from women. Please address requests for further information to Prof. Dr. Christoph Meier (christoph.meier@unibas.ch). Applications should be sent by May 15, 2015 as pdf to Prof. Dr. Jörg Schibler, Dean, Faculty of Science, University of Basel, Klingelbergstrasse 50, 4056 Basel, Switzerland, e-mail: dekanat-philnat@unibas.ch.)
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The Peer Reviewed Medical Research Program (PRMRP) funds exceptional research with the goal to improve the health and well-being of all military Service Members, Veterans, and their beneficiaries. The PRMRP received $247.5 million in fiscal year 2015 (FY15) and seeks grant applications in the following topic areas:

- Acupuncture
- Acute lung injury
- Advanced prosthetics
- Arthritis
- Burn pit exposure
- Cardiovascular health
- Chronic migraine and post-traumatic headache
- Congenital heart disease
- Dengue
- Diabetes
- DNA vaccine technology for post-exposure prophylaxis
- Dystonia
- Focal segmental glomerulosclerosis
- Food allergies
- Fragile X syndrome
- Healthcare-acquired infection reduction
- Hepatitis B
- Hereditary angioedema
- Hydrocephalus
- Inflammatory bowel disease
- Integrative medicine
- Interstitial cystitis
- Lupus
- Malaria
- Metals toxicity
- Mitochondrial disease
- Nanomaterials for bone regeneration
- Osteoarthritis
- Pancreatitis
- Pathogen-inactivated dried plasma
- Polycystic kidney disease
- Post-traumatic osteoarthritis
- Psychotropic medications
- Pulmonary fibrosis
- Respiratory health
- Rheumatoid arthritis
- Scleroderma
- Sleep disorders
- Tinnitus
- Vascular malformations
- Women’s heart disease

All applications must conform to the Program Announcements and General Application Instructions that will be available for electronic downloading from the Grants.gov website (all viewable under CFDA number 12.420). Execution management support will be provided by the Congressionally Directed Medical Research Programs.

http://cdmrp.army.mil
http://cdmrp.army.mil/funding/prmrp.shtml

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The NIH is the center of medical and behavioral research for the Nation — making essential medical discoveries that improve health and save lives.

Are you an exceptional candidate with proven expertise in biomedical informatics, research analysis of clinical data, and EHR systems who can provide leadership to the high-priority, trans-NIH initiatives of biomedical discovery in an era of big data? This position offers a unique and exciting opportunity to serve as a Senior Advisor for Clinical Data Science and join a team of data science specialist with significant expertise in basic research data working on: developing an enterprise-level solution to support a 1 million plus patient cohort for precision medicine; developing the “Commons” – a conceptual framework to support biomedical basic and clinical data in the cloud and beyond; developing and maintaining clinical data standards, policies, and sustainability; training; innovating data science; improving internal processes for data centric grant review; and communicating and subsequently sharing actions with all stakeholders, notably other federal agencies, philanthropic organizations, the private sector, and international partners. Given the high visibility and priority of the PMI, the Senior Advisor will interact directly with both the ADDS and the NIH Director.

Duties include: working with the PMI team to establish methods and standards for acquiring and transmitting clinical data derived from EHRs for PMI cohort research purposes; advising on issues related to the use of mobile devices and mHealth apps for acquisition and management of research data and participant reported observations; working with ADDS team to establish a synergistic exchange, such that best practices in handling unstructured research data can be translated into analogous best practices for research uses of clinical data; having a trans-NIH role in communicating and fostering developments surrounding clinical data, including the development and adoption of common clinical data elements across NIH, and developing standards on behalf of the NIH as a whole, with a particular need to interface with the efforts of the National Library of Medicine (NLM); helping to inform policies and regulatory affairs surrounding research uses of clinical data with particular emphasis on the balance of clinical data availability versus the need to protect patient privacy; advising on the development and maintenance of clinical data resources at NIH such as dbGaP, ClinVar, ClinGen and ClinicalTrials.gov; supporting the ADDS team to foster of new innovations surrounding big data, notably the establishment of the Commons; contributing to the design of intramural and extramural training programs that emphasize clinical data; contributing to the design of extramural funding programs as part of the BD2K initiative; and working closely with the Chief of the Laboratory for Informatics Development to synergize clinical informatics developments across the NIH.

The successful candidate will have a doctoral-level degree in biomedical informatics, significant research experience in handling and analyzing clinical data, proven expertise working with and developing EHR systems, and strong interpersonal skills collaborating as part of a team. Appointment will be at a salary commensurate with experience and accomplishment and includes full Federal benefits, including leave, health and life insurance, retirement and savings plan (401K equivalent).

If you are ready for an exciting leadership opportunity, please see the detailed vacancy announcement at: http://www.jobs.nih.gov (under Executive Careers). Application requirements apply and are due by May 11, 2015.

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- Dedicated landing page for jobs in microbiology
- Additional marketing driving relevant job seekers to the job board.

* Ads accepted until May 11 on a first-come, first-served basis.
The Division of Biological Sciences (http://biology.missouri.edu) at the University of Missouri invites applications for an Assistant Teaching Professor (non-tenure track). Qualifications include a doctorate in a life science or science education and independent or mentored teaching experience.

We are interested in candidates who have developed active learning strategies, particularly at the introductory level. We seek a long-term relationship with an individual who will continue to create innovative learning experiences.

The successful candidate will teach high-enrollment general biology courses and other undergraduate courses, as appropriate. The full-time appointment will begin September 1, 2015, or when the position is filled, at a salary commensurate with qualifications. We are committed to ethnic, racial and gender diversity in our faculty and strongly encourage applications from members of groups underrepresented in mathematics and science.

Application materials should include a cover letter, CV, description of teaching philosophy and experience, and evidence of teaching effectiveness and innovation. Include contact information for 3 references. Instructions for submitting application materials can be found at http://biology.missouri.edu/NTTsearch. Review of applications will begin May 15, 2015 and continue until the position is filled. Questions should be addressed to Gerald Summers (573-882-4369 or summersg@missouri.edu).

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Advanced Imaging
Cancer Biology
Cell and Developmental Biology
Disaster Preparedness
Marine Ecosystems
Network Theory

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Croucher Summer Courses 2015

A Croucher Summer Course is a residential course held over five or six days in Hong Kong. Participants have an opportunity to learn from world-renowned scientists, network with peers, participate in engaging and interactive discussions and, depending on the subject of the course, gain practical experience in the laboratory.

Each Croucher Summer Course is organised in partnership with a university in Hong Kong.

Registration fees cover course materials, accommodation, and meals. Places are limited; early application is advised: www.croucher.org.hk

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