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UC San Diego

Dean and Associate VC for Health Sciences

Job Number: 10-521
Hiring Unit: Health Sciences
Salary: Salary is negotiable and commensurate with qualifications and experience and based on UC pay scales
Closing Date: Confidential review of applications and nominations will begin February 15, 2013 and will continue until an appointment is made.

UNIVERSITY OF CALIFORNIA, SAN DIEGO –

DEAN, SKAGGS SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES

The University of California, San Diego (UC San Diego) Health Sciences is committed to academic excellence and diversity within the faculty, staff, and student body and invites applications for the dual position of Dean of its Skaggs School of Pharmacy and Pharmaceutical Sciences (SSPPS) and Associate Vice Chancellor for Health Sciences. Having matriculated its first students in 2002, SSPPS has gained international prominence as one of the leading pharmacy schools in a research-intensive university. Based on the La Jolla campus of UC San Diego, SSPPS interacts closely with UC San Diego entities (the School of Medicine, the Rady School of Management, the Graduate School, the Scripps Institution of Oceanography, the Division of Physical Sciences, the Division of Biological Sciences, and the Health System), the Rady Children’s Hospital of San Diego, the Veterans Affairs San Diego Healthcare System, the J. Craig Venter Institute, the La Jolla Institute of Allergy and Immunology, the Salk Institute, the Scripps Research Institute, the Sanford-Burnham Medical Research Institute, and the Sanford Consortium for Regenerative Medicine. It is the only school of pharmacy in the region.

Reporting to the Vice Chancellor for Health Sciences, the Dean and Associate Vice Chancellor will provide strategic vision and operational leadership for the school. The Dean will advance scholarship, education, research, and outreach. The school has 42 salaried full-time faculty, 250 voluntary faculty, 240 Doctor of Pharmacy students, 50 graduate students, and 30 pharmacy residents. The SSPPS also features a dual Doctor of Pharmacy/Doctor of Philosophy program and is developing additional combined degree programs. A novel joint curriculum with the UC San Diego School of Medicine is a hallmark of the Doctor of Pharmacy program. The school attracts more than $10 million of extramural funding per year.

The successful candidate will be an internationally recognized leader in pharmacy with an outstanding academic record, and documented administrative experience (e.g., current dean, department chair, program director). Minimum requirements include a Doctor of Pharmacy and/or Doctor of Philosophy degree or an equivalent professional degree or experience; a strong commitment to research, teaching, clinical service, and public service; and a personal record of distinguished scholarly and/or clinical accomplishment and the ability to qualify for appointment as a full professor in an appropriate University of California academic series.

UC San Diego seeks candidates whose experience, teaching, research, and/or community service has prepared them to contribute to our commitment to diversity and excellence. UC San Diego is an affirmative action/equal opportunity employer.

To Apply: Submit nominations or a letter of application with complete curriculum vitae, bibliography, a vision statement about the future of academic pharmacy, and names and e-mail addresses of three references along with a separate statement describing past experience in activities that promote diversity and inclusion and/or plans to make future contributions (For further information about contributions to diversity statements, see http://facultyequity.ucsd.edu/Faculty-Applicant-C2D-Info.asp) to http://apptrkr.com/305679

Please select the following job notice: 10-521
Dean and Associate VC for Health Sciences

UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.
FACULTY POSITIONS: CHEMICAL SCIENCE

The Chemical Science Program in the Physical Sciences and Engineering Division at King Abdullah University of Science and Technology (KAUST) invites applications for faculty positions at all ranks (Assistant, Associate, and Full Professors).

King Abdullah University of Science and Technology (KAUST) is an international, graduate research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. Located on the shores of the Red Sea in Saudi Arabia, KAUST offers superb research facilities, generous assured research funding, and internationally competitive salaries. The university attracts top international faculty, scientists, engineers, and students to conduct fundamental and goal-oriented research to address the world's pressing scientific and technological challenges related to the sustainability of water, food, energy, and the environment.

The Physical Sciences and Engineering Division (PSE) encompasses five core disciplines: Chemical and Biological Engineering; Chemical Science; Earth Science and Engineering; Materials Science and Engineering; and Mechanical Engineering. The science produced in PSE is about understanding, modeling, and manipulating matter at all scales: nano, meso, and macroscopic levels; in all forms: bulk, thin films, divided colloids, fluid flows, earth as system etc.; and in interaction with external stimuli: light, heat, fluids, etc.; or stresses. The knowledge created serves to design and engineer materials, technologies, and systems. Find more information about PSE at http://pse.kaust.edu.sa.

The Chemical Sciences Program is based on Chemistry as a core discipline, yet it promotes interactions between KAUST Research Centers, particularly the Catalysis, Membrane, Solar Energy, Red Sea Sciences, and Geometric Modeling and Visualization Centers. Research opportunities in the Chemical Science Program are related to KAUST's strategic goals targeting future needs of the global community. Additional information is available at: http://me.kaust.edu.sa/

The Chemical Science program is currently recruiting for the following faculty positions:

• Polymeric Materials:
  With emphasis on the design, synthesis, characterization (structural and molecular), and properties of novel well-defined polymeric materials in line with KAUST’s focus in the areas of water, food, energy, and the environment.

• Experimental Polymer Physics:
  With emphasis on the dynamics and molecular rheology of polymeric systems including, but not limited, branched polymers, copolymers, functionalized and responsive polymers, nanocomposites, melts, and solutions. Particular interest will be given to applicants with research experience and related background in polymer processing.

• Total Synthesis:
  The unique location of KAUST and the presence of two unique key Centers entail the initiation of an organic chemistry research program dedicated to total synthesis of biologically active natural products. The potential faculty program will be devoted to total synthesis of prospective natural products from the Red Sea.

• Heterogeneous Catalysis:
  The area of research associated with this position is “New Concepts in Acid Catalysis leading to Major Breakthroughs” and its objective is to expand the heterogeneous catalysis expertise to the area of refining and petro chemistry.

All candidates should build an independent high-impact research program and demonstrate capability of working across broad interdisciplinary areas. Senior applicants must have a proven record of high-impact research, been published in premier journals, as well as have strong teaching and student mentoring experience. Applicants should apply at the http://pse.kaust.edu.sa employment site. Applications received by January 31, 2013 will receive full consideration and positions will remain open until filled.
Institute of Molecular Medicine (IMM) Distinguished Professor/full professor/Associate Professor/ Lecturer Positions

Institute of Molecular Medicine (IMM) of Shenzhen University is seeking applicants for ten or more positions of distinguished/full professors, associate professors and lecturers with outstanding scholarly achievements and with research expertise in the areas of molecular biology, cell biology, cancer biology, medicinal chemistry and/or other related disciplines. Researchers with experience in cancer stem cell, second-generation sequencing, NK cells, epigenetics, high-throughput screening and/or other cutting edge technologies are welcome to apply. Salary and benefits are highly competitive and commensurate with accomplishments and experience.

IMM is a brand new, modern, research-oriented and well-equipped medical research institute resided in Shenzhen which is right next to Hong Kong and is one of the top cities of China. The mission of IMM is to identify drug targets and to develop cures for diseases. The director of IMM is a 2012 recipient of the national 1000-talents Program. For publications of the IMM director, please see [Cancer Cell 2010, 18(3):258-67; Nature Medicine 2006,12(1):128-32 and Nature 1998, 395(6703):713-6].

The applicants will be expected to maintain a vigorous research program and participate in teaching and service for IMM. The successful candidate will possess a PhD and/or MD degree and also is fluent in both English and Chinese. Applicants should submit (1) curriculum vitae, (2) a description of research accomplishments and (3) an email title with the position intended to apply electronically to jdlee@scripps.edu, jdleszu@gmail.com and jdlee@szu.edu.cn. Review of applications will begin immediately, and continue until the positions are filled. Details please see Job Ad in Shenzhen University Website (http://szuhr.szu.edu.cn/).

TEMASEK RESEARCH FELLOWSHIP (TRF)

A globally connected cosmopolitan city, Singapore provides a supportive environment for a vibrant research culture. Its universities Nanyang Technological University (NTU), National University of Singapore (NUS) and Singapore University of Technology and Design (SUTD) invite outstanding young researchers to apply for the prestigious TRF awards.

Under the TRF scheme, selected young researchers with a PhD degree have an opportunity to conduct and lead defence-related research. It offers:

• A 3-year research grant of up to S$1 million commensurate with the scope of work, with an option to extend for another 3 years
• Postdoctoral or tenure-track appointment (eligibility for tenure-track will be determined by the university)
• Attractive and competitive remuneration

Fellows may lead, conduct research and publish in these areas:

• Advanced Materials for Aerospace Applications
• Bio-mimetic Aerodynamics
• Cognitive Science and Neuroengineering
• Cyber Security
• High Power Laser Diode
• High Speed High Voltage Switching Devices

For more information and application procedure, please visit:
NUS – http://www.nus.edu.sg/dpf/funding/trf.html
SUTD – http://www.sutd.edu.sg/trf

Closing date: 15 March 2013 (Friday)

Shortlisted candidates will be invited to Singapore to present their research plans, meet local researchers and identify potential collaborators in July 2013.

University of Michigan Geriatrics Center Biology of Aging

The University of Michigan Geriatrics Center is seeking to hire a tenure-track faculty member to conduct biogerontology research. The ideal candidate would be working on a fundamental problem in the cellular and molecular biology of aging, using a mixture of genetic, bioinformatics, and biochemical methods, and committed to establishing a reputation as a leader in aging research. Successful candidates will be housed in modern, dedicated Biogerontology lab space, and will receive a primary appointment in a basic science or research-oriented clinical department as appropriate. Minimum qualifications are a PhD, MD, or equivalent, several years of highly productive postdoctoral research, and a clear interest in problems relevant to aging. The Geriatrics Center provides a superb environment for research on aging, including NIA support for its Nathan Shock Center, Claude Pepper Center, and Aging Training programs. Substantial start-up funding will be available.

Applicants should submit a CV, a 1-2 page description of research interests, a synopsis of current and previous research support, and contact information for 3 – 5 referees, to Rich Miller, 3001 BSRB, Box 2200, 109 Zina Pitcher Place, Ann Arbor, MI 48109-2200; or by e-mail to millerr@umich.edu.

The University of Michigan is an Equal Opportunity Employer committed to maintaining diversity in its hiring programs.

Duke Nicholas School of the Environment Faculty of Excellence Initiative

The Nicholas School of the Environment at Duke University seeks outstanding scholars with exceptional records or promise of interdisciplinary research, productivity, creativity, vision, and leadership.

The mission of the Nicholas School of the Environment is to create knowledge and leaders of consequence for a sustainable future. Our focus is on leadership in education, research, and service to understand environmental processes, to understand human behavior related to the environment, and to inform society about the conservation and enhancement of our environment and natural resources for future generations. In keeping with our interdisciplinary culture, we seek individuals with exceptional promise or demonstrated leadership whose work spans disciplinary boundaries (earth system science, environmental life sciences, environmental social sciences) on the general themes of marine science and governance, environmental health, biodiversity and ecosystem services, and energy and the environment. Applications are strongly encouraged from members of under-represented populations.

Appointments may be made at the Assistant, Associate, or Full Professor level, and may be based at either Duke’s Durham NC campus or at the Duke Marine Laboratory in Beaufort NC. We seek candidates with a demonstrated record or exceptional promise of achievement, and leadership in their fields of expertise. Candidates will be expected to teach and mentor students at the undergraduate level, professional master and/or doctoral levels, and to support a vigorous, extramurally funded research program. Please send a statement of interest, including a summary of research and teaching, a curriculum vitae, and contact information for three referees as a single PDF file to: Laura Turcotte, ljturco@duke.edu

Applications will be considered as they are received and the search will remain open until positions are filled.

Duke University is an Affirmative Action/Equal Opportunity Employer.
FACULTY POSITIONS: CHEMICAL AND BIOLOGICAL ENGINEERING

The Chemical and Biological Engineering Program in the Physical Sciences and Engineering Division at King Abdullah University of Science and Technology (KAUST) invites applications for faculty positions at all ranks (Assistant, Associate, and Full Professors).

King Abdullah University of Science and Technology (KAUST) is an international, graduate research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. Located on the shores of the Red Sea in Saudi Arabia, KAUST offers superb research facilities, generous assured research funding, and internationally competitive salaries. The university attracts top international faculty, scientists, engineers, and students to conduct fundamental and goal-oriented research to address the world’s pressing scientific and technological challenges related to the sustainability of water, food, energy, and the environment.

The Physical Sciences and Engineering Division (PSE) encompasses five core disciplines: Chemical and Biological Engineering; Chemical Science; Earth Science and Engineering; Materials Science and Engineering; and Mechanical Engineering. The science produced in PSE is about understanding, modeling, and manipulating matter at all scales: nano, meso, and macroscopic levels; in all forms: bulk, thin films, divided colloids, fluid flows, earth as system etc.; and in interaction with external stimuli: light, heat, fluids, or stresses. Find more information about PSE at http://pse.kaust.edu.sa.

The Chemical and Biological Engineering Program offers opportunities to develop real-world solutions to global challenges. These include the development of new membranes for gas and liquid separations, as well as new materials for reducing greenhouse gases and remediating chemical and biological threats. Alternative and renewable energy processes, and new methods for carbon dioxide utilization all contribute to the overall research mission of KAUST.

The Chemical and Biological Engineering program is currently recruiting for the following positions:

- **Process Modeling and Design**
  The candidate should be able to conduct design, optimization, and cost analysis of membrane and conventional separation processes and conduct teaching of advanced principles of process design and control.

- **Petroleum and Natural Gas Engineering**
  The candidate must have strong knowledge of the petroleum and/or natural gas industry and build a bridge between KAUST and Saudi Arabia’s fast growing petroleum industry.

- **Biomolecular Engineering**
  The candidate should have a well-established research career in bioprocess engineering or biomedical engineering.

- **Nanotechnology for Sustainable Energy**
  A strong research background in areas such as development of nanostructured materials and processes for energy conversion or catalysis with improved efficiency and/or reduced cost is required.

All candidates should build an independent high-impact research program and demonstrate capability of working across broad interdisciplinary areas. Senior applicants must have a proven record of high-impact research, been published in premier journals, as well as have strong teaching and student mentoring experience.

Applicants should apply at the http://pse.kaust.edu.sa employment site. Applications received by January 31, 2013 will receive full consideration and positions will remain open until filled.

www.kaust.edu.sa
The Department of Pharmacology and Toxicology, in the College of Pharmacy, at the University of Arizona, invites applications for two tenure track or tenured faculty positions at the Assistant Professor rank.

We are seeking outstanding medicinal chemists to join our expanding program in the newly formed Drug Discovery Center of Excellence at Bio5 Oro Valley. Candidates should have a Ph.D. in pharmacology, medicinal chemistry, toxicology, or related discipline, and must provide evidence of, or potential to develop a rigorous and independent research program. Applicants with expertise in chemical-biology, natural-products based drug discovery, computer-based drug design, high-throughput assay development and/or with experience of advancing small molecules along the drug discovery value chain in a high-throughput manner are encouraged to apply. The Drug Discovery and Development program is undergoing a period of dynamic growth in parallel with significant facilities expansion. Excellent opportunities also exist for research collaborations and participation in numerous Centers of Excellence that include the Arizona Cancer Center, Bio5 Institute, SWEHSC, Sarver Heart Center, and Arizona Respiratory Center. Successful candidates will participate in graduate (Ph.D.) and professional (Pharm.D.) education.

For complete details and to apply see job 51301 at www.uacareertrack.com. Review of applications will begin January 11, 2013 and continue until filled.

Salary: Depending on Experience - plus outstanding UA benefits: health, dental and life insurance; paid vacation, sick leave and holidays; UA/ASU/NAU tuition reduction for employee and qualified family; access to campus cultural and recreational activities; state retirement and more.

The University of Arizona is an EEO/AA Employer-M/W/D/V.
Call for Applications for the Directorship of IBS Research Centers

The Institute for Basic Science (IBS) was established by the Korean government in November 2011 with the goal to create a world-class research institute in the basic sciences. To achieve the goal, IBS has appointed 16 internationally renowned scholars as IBS Director and is going to appoint 34 more directors until 2017.

Now, IBS invites applications for the IBS Directorship in the designated research area. The Designated Research Area was selected to foster the basic science which is of national and international importance for the future and to create research hub for each research area. The designated research areas and specific research contents are as follows:

- **Mathematics**: Scientific Computing, Arithmetic and Algebraic Structure, Randomness, Nonlinearity, Dynamics
- **Theoretical Fundamental Physics**: Particle & Nuclear Theory, String Theory & Gravitation/Field Theory, Astrophysics & Cosmology, Other related research areas
- **Condensed-Matter and Complex Systems Theory**: Strongly Correlated Electron System, Statistical Physics, Biological Physics, Computational Physics, Interdisciplinary Physics Studies, Other related research areas
- **Science of Global and Regional Environmental Changes**: Anthropogenic Climate Forcing and Biogeochemical Cycles, Climate Physics, Responses of Marine Ecosystem, The Coastal Zone including Extreme Events, Integrated Impact Assessment of above, Other related research areas
- **Optics-based Basic Science**: Ultraintense Field Optics, Photochemistry, Optical Spectroscopy, Photobiophysics, Other related research areas
- **Basic Science for Advanced New Materials**: New Carbon Allotropes, Molecule-based Bio-materials, Materials for Sustainable Energy, Other related research areas
- **Basic Science for Bio-Nano Convergence**: Bioinspired materials, Functional Regulators of Cellular Organelles, Novel Magnetic Materials for Nanomedicine and Biosensing, Plant Biomaterials, Other related research areas

**Additional Information**: Please visit our website at [http://www.ibs.re.kr/en](http://www.ibs.re.kr/en) to see the full information on the invitation and to see the frequently asked questions (FAQ) on IBS Research Center.

**Application Submission**: Please download application form and send your application as a single PDF to [http://www.ibs.re.kr/en/apply](http://www.ibs.re.kr/en/apply). Applications in the designated research area listed above are open for two years from the date of the announcement; applications submitted before 31st January, 2013 will be reviewed first.

**Inquiries**: (Tel) +82-42-878-8172, (e-mail) evaluation@ibs.re.kr

**Note**: Application including modified research area within IBS designated research area may be accepted.

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TUM is the first university in Germany to reinforce its recruitment policy with a comprehensive tenure track system. Based on best international standards and transparent performance criteria, TUM FACULTY TENURE TRACK offers merit-based academic career options for high-potential young scientists, from the appointment as Assistant Professor through a permanent position as Associate Professor and on to Full Professor.

The Institute for Advanced Study of the Technische Universität München (TUM-IAS) invites applications for the prestigious

**Rudolf Mößbauer Tenure Track Assistant Professorship**

initially pay-scale grade W2.

Within its Fellowship program, the TUM-IAS awards up to four Rudolf Mößbauer Tenure Track Professorships to outstanding, high-potential young scientists who have already achieved a major scientific or technological breakthrough and who have the ambition of developing a new field of endeavor at TUM. Applications are invited in the following areas of the TUM research portfolio:

- Biomedical and Clinical Instrumentation
- Bioinorganic Chemistry, Surface Organometallic Catalysis and Electrocatalysis
- Molecular and Cellular Engineering
- Theoretical Foundations of Technology
- Nanoscience
- Environmental and Energy Engineering
- Systems Modeling, Knowledge Engineering and Computing

The initial appointment will be for six years. After positive evaluation in the sixth year, the candidate is tenured on an Associate Professor level. In exceptional cases, the tenure evaluation may be initiated after a minimum of three years. Such cases will have to be justified by outstanding achievements of the candidate and when the candidate contributes to strategically shaping the university’s profile.

Eligible candidates hold a doctorate, have established a strong track record in the postdoctoral phase, can show evidence of at least one major scientific contribution, and have demonstrated pedagogical and personal aptitude. Candidates must also have considerable international experience and fulfill the mobility requirements of the Marie Curie COFUND program within EU’s 7th Framework Program (i.e., no more than 12 months residence and/or employment in Germany in the three years preceding the publication date of the call).

More information on TUM-IAS, the Rudolf Mößbauer Tenure Track Professorship, and detailed employment conditions can be found under: [www.tum-ias.de/how-to-apply/rudolf-moessbauer-tenure-track.html](http://www.tum-ias.de/how-to-apply/rudolf-moessbauer-tenure-track.html)

Rudolf Mößbauer Tenure Track Fellows are expected to develop independent and vigorous programs, including the acquisition of research funds and the societal positioning of their fields. Furthermore, candidates should be committed to excellence in undergraduate/graduate teaching and in supervising PhD students, although the emphasis of the Professorship lies in the creative development of the proposed new field of science and/or technology.

As part of the Excellence Initiative of the German federal and state governments, TUM is pursuing the strategic goal of substantially increasing the diversity of its faculty. As an equal opportunity and affirmative action employer, TUM explicitly encourages nominations of and applications from women as well as from all others who would bring additional diversity dimensions to the university’s research and teaching strategies. Preference will be given to disabled candidates with essentially the same qualifications. The TUM Munich Dual Career Office provides support for dual-career couples and families.

Applications are submitted online via [www.onlineforms.tum.de/rmttf](http://www.onlineforms.tum.de/rmttf) and should include the following documents: CV, list of publications including three selected reprints, a statement on research and teaching goals and strategies, and the names and addresses of at least three references. The deadline for application is February 28, 2013.

Institute for Advanced Study
Technische Universität München
Garching, Germany

Inquiries should be addressed to:
info@tum-ias.de
As the second-most populous country with more than 1.2 billion people, India is positioning itself to become a leader in scientific research. *Science* will take an in-depth look at research innovation and career opportunities within the country.

**Content:** Our February 22 special advertising feature will examine the Indian government’s recent infusion of support for scientists and researchers. The feature will also explore the resulting innovations. This renewed commitment to growth creates opportunities both for technology development and service suppliers, as well as for job seekers.

**Reach:** 700,000 scientists from around the world will read about these exciting developments in India. Whether your goal is recruitment or promoting your products and services, this issue offers a unique chance to reach a global scientific community that all share a common interest in being a part of India’s growth opportunities.

**Results:** *Science* offers a simple formula: relevant content that spotlights your ad + a large, qualified audience = your hiring success.

Reach more scientists by advertising in this special feature.

*SPECIAL FEATURE:*

February 22, 2013

Reserve your ad by February 5 to guarantee space.*

*Ads accepted until February 15 if space is still available.

To book your ad, contact Lucy Nelson
Phone: +44 (0)1223 326527
E-mail: lnelson@central.science-int.co.uk

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Produced by the Science/AAAS Custom Publishing Office
Photo courtesy of Adarsh Sandhu
Professor of Geoenergy Process Technologies

The Department of Mechanical and Process Engineering (www.mavt.ethz.ch) at ETH Zurich invites applications for a full professorship or an assistant professorship (tenure track) in Geoenergy Process Technologies.

Applicants should demonstrate a strong background in engineering and natural sciences and, in particular, geophysics, geochemistry or systems thermodynamics. They should have a strong motivation and undisputable commitment to undergraduate and graduate student education. The successful candidate is expected to establish an ambitious, world-class program in a research-intensive crossdisciplinary environment of the department, where state-of-the-art characterization, analysis, and synthesis research are ongoing. A close cooperation with the Department of Earth Sciences (www.erdw.ethz.ch) is expected. Excellent research and teaching lab facilities are being established across ETH Zurich. Furthermore, the Swiss research and industrial landscape offers extraordinary opportunities, particularly in energy technology.

Candidates should have a PhD degree in process engineering, chemical engineering, geoenengineering or a related field and have an excellent international record of accomplishments. The successful candidate will be expected to teach undergraduate level courses (German or English) as well as graduate level courses (English).

Applications should include a curriculum vitae, a list of major achievements and a list of refereed publications.

The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 31 March 2013. ETH Zurich is an equal opportunity and affirmative action employer. In order to increase the number of women in leading academic positions, we specifically encourage women to apply. ETH Zurich is further responsive to the needs of dual career couples and qualifies as a family friendly employer. Please apply online at www.facultyaffairs.ethz.ch.

Professor of Deep Geothermal Energy and Geological Reservoirs

The Department of Earth Sciences (www.erdw.ethz.ch) at ETH Zurich invites applications for a professorship in Geo thermal Reservoir Engineering, covering deep geothermal energy and related processes in geological reservoirs. The professorship is opened at the full professor level, but exceptional young scientists at the tenure track assistant professor level are also encouraged to apply.

The new professor will build a vibrant research group, focussed on understanding the relevant geoscientific processes of deep reservoirs in the Earth’s crust, and will contribute to an undergraduate (German or English), a graduate (English) as well as a practice-oriented teaching program in this field. Research will address interacting geological, physical and chemical processes from the short timescale of rock fracturing to the longer time scale of fluid flow and heat production over the lifetime of an engineered geological reservoir. Key disciplines include fractured reservoir hydraulics, geomechanics and reservoir engineering with a strong link to earth sciences. Further interests in other energy-relevant uses of geological reservoirs are welcome, e.g. in CO2 storage, coal-bed methane generation and conventional and unconventional oil and gas reservoirs.

The successful candidate will have a strong academic track record and geoscientists with a current private-sector or academic background are equally encouraged to apply. The new professor will foster links between fundamental geoscience research and application by government and industrial stakeholders, and is expected to take a leading role in pilot/demonstration projects under development in Switzerland and worldwide. He/she will cooperate with existing professorships in Earth Sciences (including engineering geology, structural geology, geochemistry, seismology, applied and exploration geophysics), and with a new professorship focussed on engineering aspects of geothermal energy use, to be established at the Department of Mechanical and Process Engineering.

Applications should include a curriculum vitae, a list of publications and a statement of research and teaching interests. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 31 March 2013. ETH Zurich is an equal opportunity and affirmative action employer. In order to increase the number of women in leading academic positions, we specifically encourage women to apply. ETH Zurich is further responsive to the needs of dual career couples and qualifies as a family friendly employer. Please apply online at www.facultyaffairs.ethz.ch.
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers

AAAS + U = ∆
In conjunction with a major expansion of the Cole Eye Institute, seriously considered. Excellent laboratory space, generous startup funds, related to one or more the above areas, a copy of their curriculum vitae, interested applicants should submit a statement of their research interests and a short summary of past research and a short research proposal. Also include the CV cover sheet and Equal Opportunities form available at www.paterson.man.ac.uk/). To apply for these positions please send a CV, the names of three referees, informal enquiries can be addressed to the Director, Richard Marais (E: rmarais@picr.man.ac.uk). Informal enquiries can be addressed to the Director, Richard Marais (E: rmarais@picr.man.ac.uk). 

The positions are equivalent to Lecturer or Senior Lecturer and the successful applicants will have a PhD in a relevant area of cancer biology, appropriate post-doctoral training, and a proven track record demonstrated through high-impact publications. They will manage a group of research scientists and students and will be responsible for the professional development of their group members. Junior Group Leaders will be considered for promotion to Senior Group Leader posts at 6 years.

The generous package includes:
• Six years of core-funded support
• Competitive personal salary
• Up to three additional core-funded posts
• Up to two core-funded PhD students or clinical fellows
• Generous running expenses and start-up package for equipment
• High quality laboratory space
• Scope for group expansion through additional external funding
• Excellent research support facilities boosted by an £8.7m award from the UK Research Partnership Investment Fund (2012). Informal enquiries can be addressed to the Director, Prof Richard Marais (E: rmarais@picr.man.ac.uk).

To apply for these positions please send a CV, the names of three referees, a short summary of past research and a short research proposal. Also include the CV cover sheet and Equal Opportunities form available at www.paterson.man.ac.uk/). Please submit your application to the HR Department (E: jobs@picr.man.ac.uk; T: +44 (0)161 446 3231). The deadline for receipt of applications is 28th February 2013.

www.paterson.man.ac.uk—
FACULTY POSITION IN CANCER Biology and Cancer Prevention

The Susan Lehman Cullman Laboratory for Cancer Research in the Department of Chemical Biology, Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey is seeking an outstanding investigator for a tenure or tenure-track position. Applicants should hold a Ph.D. degree or equivalent and have a strong track record for research in the areas of mechanisms of cancer initiation and prevention, as evidenced by independent, currently funded research (RO1 or equivalent), high-impact publications, and demonstrated leadership activities in the field. A strong commitment to teaching undergraduate, graduate, and postgraduate trainees will be expected. The successful candidate will also be a member of The Cancer Institute of New Jersey, the Center for Cancer Prevention Research, the Environmental and Occupational Health Sciences Institute, and joins a large life sciences community with opportunities to participate in a variety of research and teaching programs. Please mail or electronically send curriculum vitae, brief research plan, current and past grant support, and the names and addresses of three references to: Dr. Allan H. Courey, Chair of the Search Committee, Department of Chemical Biology, Ernest Mario School of Pharmacy, 164 Frelinghuysen Road, Piscataway, NJ 08854-8020, e-mail: scooney@pharmacy.rutgers.edu. An Affirmative Action/Equal Opportunity Employer.

POSITIONS OPEN

FACULTY POSITION in Molecular/Cellular Neuroscience

The Departments of Neuroscience and Molecular and Cellular Biochemistry at The Ohio State University invite applications for a joint tenure-track faculty position in molecular/neuroscience at the ASSISTANT, ASSOCIATE, or FULL PROFESSOR level. We seek an investigator with a productive, NIH-funded research program focused on the molecular and/or genetic mechanisms of nervous system disease. We are particularly interested in candidates studying neural circuits, motor behavior, nervous system development, and/or synaptic plasticity who will synergize with our existing zebrafish and neuromuscular disease research groups. We offer generous space and startup funds, zebrafish and mouse facilities, and the opportunity to join an outstanding research community with strengths in both basic and translational science at the OSU Wexner Medical Center. The successful candidate will have a joint appointment in the Department of Neuroscience (website: http://medicine.osu.edu/neuroscience) and Department of Molecular and Cellular Biochemistry (website: http://biomed.osu.edu/mcbiochem/).

Please submit a curriculum vitae and statement of research interests in PDF format to Cheryl Yoder at e-mail: cheryl.yoder@osumc.edu and arrange for three letters of reference addressed to Randy J. Nelson, Chair, Department of Neuroscience to be sent to the same e-mail address. Review of applications will begin February 15, 2013 and continue until the position is filled. The Ohio State University has a strong commitment to diversity and actively encourages applications from candidates from underrepresented groups. The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL ASSOCIATES

The Institute of Marine and Coastal Sciences at Rutgers University is seeking Postdoctoral Associates in the areas of biological, chemical, geological, and physical oceanography. Prospective candidates should foster creative research avenues and interactions among existing research programs and faculty expertise. These fellowships are one-year renewable appointments. Applications are presently being accepted and evaluated on an ongoing basis. However, applications received by February 15, 2013 will receive the fullest attention. To apply, please electronically send curriculum vitae, statement of research interest, and names of three references to Dr. Richard A. Lutz (Director, Institute of Marine and Coastal Sciences), e-mail: postdocsearch@marine.rutgers.edu (please include “Postdoc” in the subject line).

Rutgers is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS

Two postdoctoral positions are available to study the molecular mechanisms underlying neurodegeneration. Applicants must have a Ph.D. degree with research experience in signal transduction mechanisms and/or in vivo models of neurodegeneration. Please send curriculum vitae to: Santosh R. D’Mello, Department of Molecular and Cell Biology, University of Texas - Dallas, Richardson, TX 75080. E-mail: dmellos@utdallas.edu.

POSTDOCTORAL TEACHING FELLOW in Plant Ecology and Evolution

The Department of Ecology and Evolutionary Biology (EEB) at Tulane University seeks to fill the Koch-Richardson Postdoctoral Teaching Fellowship in Plant Ecology and Evolution (website: http://tulane.edu/sse/ebo/a/about/kochfellows.cfm). The position is a two-year appointment with faculty status and a start date of July 1, 2013. The department aims to recruit an outstanding Ph.D. scientist who will merge excellence in teaching (60%), research (30%), and service (10%). Applicants are encouraged to identify a potential faculty collaborator in EEB, although those interested in botanical subjects not represented among EEB faculty will be given full consideration. Applications should describe at least two botanical courses they would be able to teach, one at an undergraduate level, and the other at a graduate/advanced undergraduate level. An application (curriculum vitae, statement of research interests, and statement of teaching philosophy and interests), descriptions of the courses proposed to be taught, and three letters of recommendation focusing on both teaching and research excellence should be submitted electronically to the Search Committee (e-mail: eecol@tulane.edu). Please write “KOCHELL Fellow” in the subject line. Application review will begin on February 15, 2013, and the position will remain open until filled. Tulane University is an Equal Employment Opportunity/Affirmative Action/ADA Employer committed to excellence through diversity. All eligible candidates are invited to apply.

POSTDOCTORAL FELLOW POSITIONS at the Johns Hopkins University School of Medicine are available to study the molecular and cellular mechanisms underlying chronic pain. Strong background and experience in molecular biology, pain biology, and electrophysiology are required. Preference will be given to applicants seeking first postdoctoral position. Please electronically send curriculum vitae to Dr. Yuan-Xiang Tao at e-mail: ytao1@jhmi.edu. Equal Opportunity Employer.

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