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TENURE-TRACK FACULTY POSITION

Departments of Chemistry and Biochemistry and Biology

USTAR Initiative

Utah State University

The Utah Science, Technology and Research (USTAR) initiative, along with the Departments of Chemistry and Biochemistry and Biology at Utah State University, invites applications for a tenure-track position at any rank. Candidates must have a Ph.D. in biochemistry, biology, or a related field, with postdoctoral experience preferred. The successful applicant will develop a funded research program in some area of phototrophic microbes, and will be expected to teach at the graduate and undergraduate levels. Preference will be given to candidates with research programs that complement the USTAR Biofuels research program goals of developing phototrophic microbes as a feedstock for biofuels. The position is funded by a grant from the USTAR initiative, a statewide program that aims to promote commercialization of technologies at the state universities. Applicants should submit curriculum vitae, a concise description of future research projects, associated major research infrastructure needs, and the names and e-mail addresses of three references online at website: http://jobs.usu.requisition 052021. Evaluation of applications will begin March 15, 2010, and will continue until the position is filled. For further information please visit our website: http://www.chem.usu.edu. Utah State University is an Equal Opportunity/Affirmative Action Employer committed to assembling a diverse faculty. Women and members of minority groups are strongly encouraged to apply.

ASSISTANT PROFESSOR OF BIO TECHNOLOGY

The Biology Department at The Catholic University of America has an opening for a tenure-track Assistant Professor position in its new Biotechnology Program (website: http://biotechnology.cua.edu). The Biology Department also has a strong research emphasis in basic cell and molecular biology and offers undergraduate and graduate programs including the Ph.D. (website: http://biology.cua.edu). The successful candidate will teach graduate courses in biotechnology, assist in further development of the biotech program, and maintain an externally sponsored research program in an area of biotechnology. We seek candidates who have a strong publication record and experience in the biotechnology industry, research as well as product development. Please send curriculum vitae, a statement of career interests, and three letters of reference by April 30, 2010, to: Dr. Venigalla Rao, Department of Biology, The Catholic University of America, 620 Michigan Avenue N.E., Washington, DC 20064. E-mail: rao@cua.edu.

The Catholic University of America was founded in the name of the Catholic Church as a national university and center of research and scholarship. Regardless of their religious affiliation, all faculty are expected to respect and support the University’s mission. The Catholic University of America is an Affirmative Action/Equal Opportunity Employer, Veterans/Persons with Disabilities/Females/Males.

CANCER STEM CELL FACULTY POSITION

Join an internationally respected group in regenerative medicine and stem cell research. The Wake Forest Institute for Regenerative Medicine (WFIRM) and the Wake Forest University Comprehensive Cancer Center invites applications from promising young scientists who wish to establish an independent research program in cancer stem cell research and tumor microenvironment. Candidates should hold a Ph.D. or M.D. Primary research will be conducted with WFIRM; joint appointment in the Department of Cancer Biology. Electronically submit curriculum vitae and concise statement of research plans to e-mail: swilder@wfubmc.edu. Affirmative Action/Equal Opportunity Employer.

DIRECTOR

Pittsburgh NMR Center for Biomedical Research
Carnegie Mellon University, Pittsburgh, PA

The Pittsburgh Nuclear Magnetic Resonance Center, jointly sponsored by Carnegie Mellon University and the University of Pittsburgh, seeks a new Director. The Center is dedicated to advancing state-of-the-art in vivo magnetic resonance imaging and magnetic resonance spectroscopy processes and tools to better understand tissue and organ function, and to making these tools available to the greater biomedical research community. We seek candidates with outstanding records of accomplishment and innovation, and a vision for development of this research-driven collaborative enterprise. Applicants at the Associate or Full Professor level will be considered.

Applicants should submit a cover letter describing their qualifications and interest in this position, curriculum vitae, and contact information for three individuals who can provide letters of recommendation to: Aaron P. Mitchell, Ph.D., Chair, Nuclear Magnetic Resonance Center Director Search Committee, Department of Biological Sciences, Carnegie Mellon University, 4400 Fifth Avenue, Pittsburgh, PA 15213. Please electronically send these materials to e-mail: nmr-search@andrew.cmu.edu.

Carnegie Mellon offers outstanding health, retirement, and tuition benefits.

The University is an Equal Opportunity/Affirmative Action Employer committed to assembling a diverse faculty. Women and members of minority groups are encouraged to apply.

ASSISTANT, ASSOCIATE, or FULL PROFESSOR

Computational Biology

Microbiology and Cell Science Department

University of Florida

The Department of Microbiology and Cell Science at the University of Florida invites applications and nominations for a 12-month, tenure-track position at Assistant, Associate, or Full Professor level to develop an independent research program in computational biology. Applicants should have a Ph.D. in the biological or computer sciences with a strong publication record in computational biology. The successful candidate is expected to develop an outstanding research program, supervised by a senior faculty mentor, in computational biology. For applications that focus on structural biology, a co-mentor or a faculty mentor in the Institute for Biophysics and Computational Biology will be provided. Applications should include a statement of research interests, a brief description of teaching experience, a CV, and the names and contact information of three references. Applications and nominations should be sent directly by the applicant to the search committee. Review of applications will begin April 2, 2010. Questions concerning this position should be directed to Associate Professor Gloriela Lorca, Chair of Search and Screen Committee, e-mail: glorca@ufl.edu. Review of applications begins April 1, 2010. The University of Florida is an Equal Opportunity Employer.
LAB MANAGEMENT:
THE HUMAN ELEMENTS

You’ve reached a career milestone: managing your own lab. This recognition of
your achievements attests to your hard work, attention to detail, commitment to a
goal—and outstanding science. But be prepared. You’re about to face challenges
you may not have considered. By Carol Milano

As Frank Slack, a Yale University professor of molecular, cellular
and developmental biology, quickly discovered, “To be
successful at running the lab, being a good scientist isn’t
even. It suddenly becomes all these different roles we weren’t
trained for, like psychiatrist and personnel manager.”

Those responsibilities often require new skills. Here’s how some
of your peers are mastering the “human elements.”

Networking and Collaborating
When you run your own lab, “networking” isn’t just about finding
the next job. It means cultivating productive relationships, which
succeed only when they are reciprocal. Mutual trust grows through
willing exchange of information or services.

Start by developing contacts inside and outside your own institu-
tion—locally, nationally, and even internationally. Find your pro-
fessional association’s nearest chapter. Ask your mentors and col-
leagues which organizations they belong to. Once you join one, get
involved. Volunteering for a committee or writing for the chapter
newsletter, for instance, makes you much more visible.

“You and the people you’re managing will have to speak in
public or mingle effectively at meetings and conferences,” says
Susan Morris, president of Morris Consulting Group, which coach-
research scientists. To minimize uneasiness and build confidence
if you’re shy, she suggests:

■ Network in small chunks. Set a maximum of two carefully cho-
   sen events a month, ideally at your highest-energy time of day.

■ Arrive early. Entering an uncrowded room is less unnerving than
   a noisy one, where most people are already conversing.

■ Go with a “buddy.” Preferably someone who can introduce you
to several people.

■ Talking to a stranger can be intimidating. Safe “starters” in-
   clude asking their current job, how they got it, why they chose
   this event, or other groups they belong to. Seek topics of mutual
   interest, such as that gathering’s focus. If you can offer informa-
tion about anything that’s mentioned, jot a note on the person’s
   card. Follow up promptly.

Frequently traveling to give lectures, Jennifer Lippincott-Schwartz,
chief of cellular biology metabolism at the US National Institutes
of Health (NIH), National Institute of Child Health and Human De-
velopment, values professional meetings, despite the time drain. “I
make contacts, hear things that would be difficult to pull out just by
reading the literature, and meet people doing things relevant to our
work.” Almost without trying, she says, collaborations develop.

Taking part on national panels “is a responsibility as senior mem-
ers of the scientific community,” believes Kelly Frazer, who heads
the new Division of Genome Information Sciences at University
of California, San Diego School of Medicine. She finds those she’s
on, like the expert scientific panel for the genomewide association
program (a trans-NIH initiative led by the National Human Genome
Research Institute), “very beneficial because of the contact with
people and with what’s going on.” In a rapidly moving field, Frazer
uses these events to stay connected through informal exchanges
over coffee, lunch, and dinners. I listen to the science, give input,
have discussions, hear others’ ideas, and look at the work.”

Lippincott-Schwartz prods every lab member to attend at least one
professional meeting a year. “People don’t realize how social science
is! By talking science during these trips, you learn what’s important
to the field, what the major questions are, where your science fits
the broader, bigger scheme, and how what you’re doing interests
other people (or not).” continued »

UPCOMING FEATURES

Careers in Bioinformatics/Systems Biology—April 9
Bio/Pharma: Mythbusting about Industry—April 23
Careers in Water Science (Online Only)—May 14
The German Federal Ministry of Education and Research (BMBF) is supporting the further development of the six Centres for Innovation Competence (German: Zentren für Innovationskompetenz, ZIK) set up in 2004, by establishing new fast-track research groups. Scientists with excellent references and international expertise are invited to send in their applications by 30 April 2010. Women are especially invited to apply. Preference will be given to disabled applicants with equal qualifications. For further details on the application requirements, please go to www.unternehmen-region.de.

### OncoRay
**Dresden University of Technology**

The Centre for Innovation Competence (German: Zentrum für Innovationskompetenz, ZIK) OncoRay – Center for Radiation Research in Oncology – is developing innovative methods for biologically individualized, technologically optimised radiation therapy for improving cancer cures. The OncoRay was jointly established in 2004 as an interdisciplinary research centre by Dresden University of Technology, the University Hospital and the Research Center Dresden-Rossendorf. It is attached to the Medical Faculty, and offers first-class research facilities, internationally acknowledged expertise in translational cancer and radiation research and a dedicated postgraduate school offering an MSc and a PhD programme (www.OncoRay.de). Dresden offers a prime research environment, and is a culturally attractive, family-friendly city with a high quality of life.

The Carl Gustav Carus Medical Faculty of Dresden University of Technology, together with the German Federal Ministry of Education and Research (BMBF), is seeking for the OncoRay:

- **Associate Professor (W2)/Junior Research Group Leader**
  **“Biomarkers for Individualised Radiotherapy”**

The professor will be appointed for five years. A tenure-track option, dependent on positive evaluation, is possible. The successful candidate will establish an interdisciplinary and international team of excellent scientists that will develop novel biomarkers for the prediction of the response of cancer to radiotherapy and innovative drugs for the development of individualised treatment strategies. Eligible candidates will have a PhD or MD degree, an excellent postdoctoral scientific experience. Knowledge of advanced experimental and clinical research methods for in vivo and in vitro studies is required. Experience in cancer biology or related fields is desirable and can be obtained on site.

- **Junior Research Group Leader**
  **“In-Vivo Dosimetry for Novel Types of Radiation”**

The successful candidate will establish an international team of highly qualified scientists and technologists in technology-based physics research. The team will develop radiation detectors for image-based in-vivo dosimetry for radiation therapy with protons and ions, fast techniques of signal processing, and data acquisition and processing in real time. Eligible candidates will have a PhD degree, alongside several years of research experience in experimental nuclear, radiation or particle physics, particularly in developing and using radiation detectors as well as in technologies and methods for the recording and processing of detection signals. Experience in physics and technologies of medical imaging are not a prerequisite, and can be obtained on site.

Funding for the research groups is available over a period of five years, and includes a budget for personnel, excellent laboratories, sustainable and travel costs.

Please send your application to:

**Biomarkers:**
- Professor H. Reichmann
- Dekan der Medizinischen Fakultät
- Carl Gustav Carus
- Technische Universität Dresden
- Fetscherstrasse 74
- 01307 Dresden
- Germany

**In-Vivo Dosimetry:**
- Professor Michael Baumann
- Sprecher ZIK OncoRay
- Fetscherstrasse 74
- 01307 Dresden
- Germany

For further information, please contact:
- Professor Michael Baumann (michael.baumann@oncoray.de); www.oncoray.de
- and the website of the Medical Faculty (Stellenanzeigen)

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### ICCAS – Innovation Center Computer Assisted Surgery
**University of Leipzig**

ICCAS was founded in 2005 as one of six Centres for Innovation Competence (German: Zentren für Innovationskompetenz, ZIK) at the second-oldest university in Germany. Since then, the centre has successfully established itself as an international interdisciplinary research institution. In 2010 two new research groups will be established within the centre, supported by the German Federal Ministry of Education and Research (BMBF). ICCAS, in collaboration with the BMBF, is now seeking applications from highly motivated and outstanding junior scientists for two

- **Junior Research Group Leader positions**
  **Junior Research Group Leader**
  **“Technical Systems – Virtual Reality”**

The two junior research group leaders have the opportunity to form their own research groups with four scientists each. The groups are provided with secured funding for five years, and are endowed with an above-average budget and excellent infrastructure of state-of-the-art demonstration OR and computer facilities. They will be supported by a centre manager and the administrative and scientific staff of ICCAS, and will be immersed in an active academic and student environment.

The Medical Faculty offers the possibility of a “Junior Professor” (W1) position in the above-mentioned scientific field. The successful group leader may be offered a tenured position after positive evaluation.

Please send your application to:

**University Leipzig**
- Medizinische Fakultät
- ICCAS
- Professor J. Meixensberger
- Semmelweisstrasse 14
- 04103 Leipzig
- Germany

For further information, please contact:
- Professor Jürgen Meixensberger (j.meixensberger@medizin.uni-leipzig.de); www.iccas.de

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Please send your application to:

**Project Management Jülich**
- Division Technological and Regional Innovations (TRI)
- Forschungszentrum Jülich GmbH
- Zimmerstrasse 26–27
- 52425 Jülich
- Germany

**University of Leipzig**
- and

**Project Management Jülich**
- Division Technological and Regional Innovations (TRI)
- Forschungszentrum Jülich GmbH
- Zimmerstrasse 26–27
- 52425 Jülich
- Germany

For further information, please contact:
- Professor Michael Baumann (michael.baumann@oncoray.de); www.oncoray.de
- and the website of the Medical Faculty (Stellenanzeigen)
The international Centre for Innovation Competence (German: Zentrum für Innovationskompetenz, ZIK) CELISCA offers an ideal environment for freeze-tagging interdisciplinary research and developing projects. We are seeking to appoint an Associate Professor (W2, tenure track) for the School of Mechanical Engineering. The successful candidate will be integrated into an interdisciplinary scientific environment of Professor Andreas Tünnermann, director of the FSU Institute of Applied Physics: Diamond-/Carbon-Based Optical Systems (FunGene), which is supported by the German Federal Ministry of Education and Research (BMBF). The focus will be on candidates with an exceptional research background in the field of novel methods of three-dimensional nanostructuring. The successful candidate will be responsible for the following tasks:

- Developing new methods for the three-dimensional nanostructuring of surfaces, especially in micro-systems.
- Intensifying interdisciplinary research in the area of micro- and nanotechnologies, spanning the disciplines of physics, chemistry, biology, and computer science.
- Working in a dynamic and innovative environment, focusing on the development of new materials and technologies.

The successful candidate will have the following qualifications:

- A PhD degree in physics, chemistry, or a related field.
- Strong research experience in the field of three-dimensional nanostructuring.
- Excellent teaching abilities.
- Strong collaboration skills.

Please send your application to:
Professor Kerstin Thuro
Friedrich-Bernhardt-Strasse 8
18119 Rostock
Germany
Email: kerstin.thuro@celisca.de

For further information, please contact:
Professor Kerstin Thuro (kerstin.thuro@celisca.de); www.celisca.de

**MacroNano Ilmenau University of Technology**

**Junior Research Group Leader “Three-Dimensional Nanostructuring”**

The successful candidate will simultaneously fill a tenure-track faculty position at an assistant professorship (“W2” professorship, tenure track) at the school that fits his or her scientific profile best. The junior research group will be equipped with start-up funding for five years, including positions for four scientific staff as well as the means for investments and running expenses.

*Applications are encouraged, especially those involving collaborations between different disciplines.*

Please send your application to:
Technische Universität Ilmenau
Dezernat für Personalleitungen
Kenziffer ZIK/2010
Postfach 10 05 63
98684 Ilmenau
Germany
Email: k.-d.husemann@tf.juelich.de

For further information, please contact:
Professor Martin Hoffmann; phone: +49 (0)3677 69-3402; email: macronano@tf-illum.eu; www.macronano.de

**FunGene – Functional Genomics**

**Junior Research Group Leader “Pathobiomics”**

We are seeking to recruit an outstanding young scientist with a strong publication record in functional genomics and infection biology (imaging techniques). The successful candidate will have experience in the field of pathobiomics and will be expected to develop novel methods and technologies for studying the interactions between pathogens and host cells. The successful candidate will be provided with start-up funding for five years, including positions for four scientific staff as well as the means for investments and running expenses.

Please send your application to:
FunGene
Professor Michael Hecker
Ernst-Moritz Arndt University of Greifswald
Institut für Mikrobiologie
Zimmerstrasse 26–27
17487 Greifswald, Germany
Email: hecker@uni-greifswald.de

For further information, please contact: Professor Michael Hecker (hecker@uni-greifswald.de); www.functional-genomics.uni-greifswald.de

**Junior Research Group Leader “Applied Proteomics”**

We are seeking to recruit an outstanding scientist with a strong background in proteomics and biosyntomics of microbial pathogens. The successful candidate will be expected to develop novel methods and technologies for studying the interactions between pathogens and host cells. The successful candidate will be provided with start-up funding for five years, including positions for four scientific staff as well as the means for investments and running expenses.

Please send your application to:
FunGene
Professor Michael Hecker
Ernst-Moritz Arndt University of Greifswald
Institut für Mikrobiologie
Zimmerstrasse 26–27
17487 Greifswald, Germany
Email: hecker@uni-greifswald.de

For further information, please contact: Professor Michael Hecker (hecker@uni-greifswald.de); www.functional-genomics.uni-greifswald.de


The candidate must have a strong scientific background in modelling, design and application of advanced opto-mechanical systems. An important part of this candidate’s interest is the investigation of optical and photonic elements under extreme lighting conditions.

Please send your application to:
Professor Andreas Tunnermann
Technische Universität Ilmenau
Postfach 10 05 63
98684 Ilmenau
Germany
Email: k.-d.husemann@tf.juelich.de
SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN
Established in collaboration with MIT

SUTD will matriculate its first intake of students in 2011. The University's programmes will be based on four pillars leading to separate degree programmes in Architecture and Sustainable Design, Engineering Product Development, Engineering Systems and Design, and Information Technology and Design. Design, as an academic discipline, cuts across the curriculum and will be the framework for novel research and educational programmes.

FACULTY MEMBERS

The qualifications for the faculty position include: an earned doctorate in Architecture, any field in Engineering, or Basic Sciences and Social Sciences, a strong commitment to teaching at the undergraduate and graduate levels, a demonstrated record of or potential for scholarly research, and excellent communication skills.

We invite applications for interdisciplinary faculty appointments at all levels, with many opportunities available in particular at the Assistant and Associate Professor levels. Duties include teaching of graduate and undergraduate students, research, supervision of student research, advising undergraduate student projects, and service to SUTD and the community. Faculty will be expected to develop and sustain a strong research programme. Attractive research grant opportunities are also available.

Successful candidates can look forward to internationally competitive remuneration, and assistance for relocation to Singapore.

If you share SUTD’s vision on multi-disciplinary curricula and research with a focus on Design in the broadest sense, please contact us.

Enquiries for the above mentioned position can be addressed to Anthony Keh at anthonykeh@sutd.edu.sg

To learn more about SUTD, please visit www.sutd.edu.sg.

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Friedrich-Schiller-Universität Jena

The Institute of Applied Optics at the Department of Physics and Astronomy is seeking a

W2-Professor for Applied Physics/ Applied Optics for Ophthalmology

Exceptionally well-qualified candidates must work in the field of modern applied optics for ophthalmology. A close collaboration of the candidate within the research topic Optics/Photonics of the University is expected. Moreover, the cooperation with other faculties of our university, especially with the School of Medicine, extra-university research institutes, and the optical industry should be extended. Duties of the position include a full teaching load at all levels in experimental physics and optics.

Applicants must have a PhD degree and “Habilitation” (or a similar scientific qualification) and a strong commitment to teaching.

The University of Jena aims at increasing the number of female faculty members and thus encourages applications of qualified women scientists. Disabled persons will be preferred, if equally qualified.

Applications should include curriculum vitae, list of scientific publications, a statement on teaching and research interests as well as a list of obtained research grants and should be submitted by April 30, 2010 to the Dean, Physikalisch-Astronomische Fakultät, Friedrich-Schiller-Universität Jena, Max-Wien-Platz 1, 07743 Jena, Germany.

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Neuropharmacology, Faculty

The Center for Substance Abuse Research (CSAR) and the Department of Pharmacology at Temple University School of Medicine invite applicants for a tenure track faculty appointment at the level of Assistant or Associate Professor. CSAR is a multidisciplinary enterprise encompassing faculty from multiple departments/colleges at the University. CSAR has a P30 Center Grant and a Training Grant funded by NIDA. Interested individuals should have a PhD and/or MD degree, postdoctoral experience, and an active, funded research program. Candidates should have the ability to enhance and interface with existing ongoing research in the Center (www.temple.edu/medicine/csar). We are especially interested in a neuropharmacologist investigating the neurobiology of addiction or pain processes. Candidates are expected to maintain a vigorous research program, in addition to educating graduate and professional students.

Please submit a curriculum vitae, a research program summary, a statement of career objectives, and the names and contact information of at least three references to:

Alan Cowan, PhD, Chair, CSAR Search Committee,
Department of Pharmacology, Temple University School of Medicine, 3420 N. Broad Street, Philadelphia, PA 19140 or acowan@temple.edu.

Temple University is an EEO/AA employer and strongly encourages applications from women and minorities. Further information is available at www.medschool.temple.edu
Program Focus
The WCMC-Q DOMS Center will address major health challenges in Qatar and the region by developing integrated clinical and translational research projects. Qatar, which has a high prevalence of diabetes, obesity and associated disorders, offers an excellent opportunity to develop innovative programs.

A key component of WCMC-Q’s recently established biomedical research program, the Center will be part of a vibrant scientific community, which Qatar is developing through initiatives such as Education City, a 2500-acre campus that houses branch campuses of some of the world’s leading universities. Outstanding collaborative opportunities exist within the program, with investigators at Weill Cornell Medical College and Cornell University in New York, and with partners in Qatar, including Hamad Medical Corporation, the nation’s premier not-for-profit healthcare provider, and Sidra Medical and Research Center, a specialty teaching hospital that is scheduled to open in 2012.

The WCMC-Q DOMS Center’s overarching vision is to create a collaborative, multidisciplinary team environment, endowed with a comprehensive support infrastructure. Investigators will be able to draw on state-of-the-art facilities, including genomics, proteomics, imaging, and computational and biostatistics cores; in addition, specialized clinical research support teams, comprising regulatory and clinical coordinators, will facilitate the timely launch of new projects. The Center will also develop educational and clinical training programs and partner with public health initiatives.

Details regarding the WCMC-Q program and facilities can be accessed at: www.qatar-med.cornell.edu.

Qualifications
This is an open rank search for six investigators recruited at the Assistant, Associate and Full Professor levels. Candidates must have an MD and/or PhD degree and expertise in one of two categories:

- Clinical Research
- Translational Biomedical Science

A highly competitive salary and comprehensive foreign-service benefits package with a competitive start-up package will be provided.

Process
Qualified applicants willing to relocate to Doha are invited to submit a letter of application outlining their interest in the position and a description of research interests and future research plans (3-5 pages), as well as a curriculum vitae to:

http://job.qatar-med.cornell.edu *

* Please select the appropriate position under the Academic positions, complete requested information, and upload documents.

The screening of applications will begin immediately and continue until suitable candidates are identified. Please note that due to the high volume of applications, only short-listed candidates will be contacted. Short-listed candidates will be asked to provide names of three references.

Cornell University is an equal opportunity, affirmative action educator and employer
Every network needs ongoing maintenance—allocate at least one hour a week for brief steps that keep your name in front of people. “Make a follow-up call, meet for coffee, or send a handwritten note,” says Morris.

You’ll probably work with departments and scientists inside and outside your own institution. Lippincott-Schwartz encourages collaboration within her group. “Each person is an equal part. I try to get people talking to each other in small groups, making sure to include everyone who’s interested in this topic. It’s so cool to see people with different expertise working together—their energy feeds on each other.”

“I know our lab isn’t able to do everything,” Slack acknowledges. “We seek collaboration where we think someone could be constructive in a project. Fortunately, Yale is very collaborative; its 400 bio labs have most of the expertise we’ve needed. It just takes a few e-mail rounds: ‘do you work on X?’ They may say ‘No, but try Y’. ”

Finding academic science increasingly interactive, Frazer sees large collaborations encompassing diverse skill sets. Her new international grant has five M.D. clinicians and five Ph.D. biologists, plus genomics and informatics specialists, in San Diego, Vancouver, and Toronto. Beyond monthly phone meetings of all 20 researchers, Frazer has frequent contact with other genomics. The entire group will meet in both Toronto and San Diego annually.

Joerg Schaef er directs the Cosmogenic Dating Lab at Columbia University’s Lamont-Doherty Earth Observatory. His lab collaborates with scientists on related projects, all over the world, including with a New Zealand team for nearly a decade. They stay in close contact through Skype and other technologies. The complexity of establishing a partnership in a distant country calls for exceptionally resourceful networking. Through another Lamont lab, Schaefer was able to join a collaboration, the Asian Monsoon Project, with the nation of Bhutan.

Sustain previous collaborations, recommends Michel Tremblay, director of McGill University’s Rosalind and Morris Goodman Cancer Center, with 300 students, postdocs, and technicians. “When you leave a lab and get out on your own, it may be a different kind of project. Your [previous colleagues] won’t follow you. If you had a good relationship with your ex-mentor, maintain it.”

Which collaborations thrive? Setting mutual goals fosters strong, honest, productive interaction. “Especially with virtual relationships, take incremental steps to build trust,” Morris recommends. Spell out communication pathways at the very beginning: how often, in what form, and who gets to know what? “With a global team, have at least one face-to-face meeting to establish ground rules.”

Mentoring

“There’s a big difference between mentorship and directing research,” explains Tremblay. “Don’t micromanage—mentoring isn’t telling the scientist what to do. Like a good parent, offer guidance, but let the [mentee] develop. Give freedom. Treat individuals as partners.” Good mentors, he adds, know their way around the university and understand how to get to the right people.

“Learn to juggle many different things simultaneously, but keep emotionally steady because people in your lab really look to you,” says Lippincott-Schwartz. “It’s a huge roller coaster every time you send out a paper—everyone’s going through emotional ups and downs. To be cheerleader is critical.” When a project isn’t working well, talk through options, brainstorm new ideas, and ask, “So if we get this result, then what?” Lippincott-Schwartz doesn’t prevent anyone from trying a new idea they feel strongly about. “I might argue against it, but I won’t say, ‘No, don’t.’”

“My door is always open,” declares Slack, inviting everyone to see him whenever they want, show him data, or call him to the microscope. “I don’t go to them every day, or even every week. I tend to encourage by steering, not forcing, and giving a little space to find their own way.”

To Frazer, it’s vital for managers “to be open, honest, and straightforward, but simultaneously kind and compassionate. The fun stuff is easy. Deflecting a potential problem is harder.”

When one new postdoc was, as Frazer described it, “all over the place,” she discreetly intervened. “It was important for him to stay on track and learn to get things done, or else he’ll have a tough time in future jobs.” In giving well-defined assignments, she would emphasize, “This is the task,” then thank him warmly upon completion. After four months, things are improving. “Now when we have a conversation, he realizes, ‘I have to focus, not be distracted,’” Frazer reports.

In academia, teaching is central, Tremblay observes.
Faculty Positions in the Division of Chemical and Life Sciences and Engineering

The Division of Chemical and Life Sciences and Engineering at the King Abdullah University of Science and Technology (KAUST) invites applications from outstanding scientists to complement and enhance our research in the molecular life sciences. We are particularly interested to further develop the following disciplines:

- Structural Biology
- Synthetic Biology
- Protein Biochemistry and Proteomics

KAUST (http://www.kaust.edu.sa) provides state-of-the-art facilities and technical support to conduct research in these areas. The instrumentation includes NMR, electron microscopy and mass spectroscopy and both computational and bioinformatics support is ensured through close collaboration with the Computational Bioscience Research Centre.

Applicants will have a PhD in a biological science or a related discipline, post-doctoral research experience and are committed to collaborative and interdisciplinary research within KAUST and with our global research partners. Successful candidates will build their own research groups, participate in the graduate teaching program and supervise Masters and PhD students.

KAUST is dedicated to a respect for diversity and the highest standards of merit-based selection of the finest faculty without regard to ethnicity, gender, or religious belief. We do, however, particularly encourage women to apply. The level of appointment will be commensurate with experience. Those interested in pursuing this unique opportunity should send a CV (including publication lists and contact information for at least three potential references) and a statement of research interests.

For more information, please visit www.kaust-aea.cam.ac.uk or email info@kaust-aea.cam.ac.uk. Applications will be considered until all positions have been filled.

PROFESSORSHIP (W3) IN PHYSICAL CHEMISTRY

The Faculty of Chemistry and Biochemistry at the Ruhr-University Bochum, Germany, invites applications for a Professorship (W3) in Physical Chemistry.

We are searching for an internationally visible researcher in the field of material science; physical chemistry of surfaces and interfaces. The research topics and experimental methods should be complementary to the research activity of the other physical chemistry groups in the department.

The successful applicant must be able to teach all courses of Physical Chemistry. Knowledge of German is not required in the beginning, but will be expected as a teaching language within the first five years. All master courses are taught in English. Candidates are expected to be able to acquire and coordinate externally funded projects.

Ruhr-University Bochum seeks to foster the careers of women and therefore explicitly encourages women to apply. Disabled persons with equivalent qualification will be favoured.

Qualified candidates are asked to submit their application including C.V., list of publications and talks, teaching record and research activities including a list of previous funding, and copies of degree certificates by April 24, 2010 to the Dean of the Faculty of Chemistry and Biochemistry, Ruhr-University Bochum, 44780 Bochum, Germany.

E-mail: chemie-dekanat@rub.de
The Faculty of Science of the University of Zurich is seeking to fill the position of an

**Assistant Professor in Statistical Genomics**

We are searching for individuals with an excellent research record in statistical genomics, including — but not limited to — research on whole-genome association studies, population genomics, identification of somatic mutations in disease, and the analysis of ultra high-throughput sequencing (UHTS) data in human or other model systems. A proven research record in complex genome-scale data analysis, as well as in the development of statistical or computational methods to analyze such data, is essential. The successful candidate will have demonstrated a keen interest in advancing biological knowledge through his or her research, and be highly interactive and open to collaboration. He or she will be expected to establish an independent research group within the University Research Priority Program Systems Biology/Functional Genomics (www.sysbio.uzh.ch), and will have access to state-of-the-art research facilities provided by the University, and by the Functional Genomics Center Zurich (www.fgcz.uzh.ch), a technology platform for UHTS, transcriptomics, proteomics, and metabolomics. There are excellent opportunities for interactions with other groups of the University of Zurich and the ETH Zurich, as well as with the Swiss Systems Biology Initiative (SystemsX.ch), and the Swiss Institute for Bioinformatics (SIB).

This six-year non-tenure track assistant professorship carries limited teaching responsibilities (in English or German) and includes an attractive start-up package and significant support for running operations. Applications, including detailed curriculum vitae, publications list, short statement of research and teaching interests, and the names and addresses of three academic referees should be addressed to Prof. Michael Hengartner, Dean of the Faculty of Science, Winterturstrasse 190, 8057 Zurich, Switzerland, and submitted as a single PDF file to jobs@mfn.uzh.ch. For further information, please contact Prof. J. Jiricny at jiricny@imc.uzh.ch. The application deadline is June 15, 2010.

The University of Zurich is an equal opportunity employer. Applications from women candidates are particularly encouraged.
ITC faculty position A - Associate/Assistant Professor - ACH 48507

The Immunotherapy Center and Department of Medicine at the Medical College of Georgia seek applicants for a faculty position primarily focused on basic research related to inflammatory processes linked to disease syndromes. The successful applicant will join an established research program dedicated to studying counter-regulatory and immune tolerance mechanisms, and using this knowledge to develop novel immunotherapies to improve clinical outcomes. Current research topics include fundamental studies on immune tolerance mechanisms, and assessing the contribution of tolerance mechanisms to chronic inflammatory diseases such as cancer, infectious and autoimmune diseases and transplant survival. Applicants should have a PhD or MD/PhD and a documented record of productivity in an area of basic or clinical immunology research that supplements or complements these research topics. Preference will be given to candidates with established research programs, although applications from exceptional younger investigators will also be considered. The successful applicant will hold joint appointments in the Immunotherapy Center and the Department of Medicine, and will have access to exceptional core research facilities (listed at http://www.mcg.edu/Core/Labs/) and modern custom-designed laboratory space. Generous start-up packages are available to support this recruitment. The Medical College of Georgia is an EEO/AA/Equal Access Employer, and is a growing state-supported academic medical center located in a historic city with outstanding recreational and lifestyle opportunities. For further information please contact: Andrew Mellor, PhD, Director of the Immunotherapy Center (amellor@mcg.edu) Medical College of Georgia, Augusta, GA 30912-3220.

ITC(IDI) faculty position B - Associate Professor/Professor - ACH 51226

The Immunotherapy Discovery Institute (IDI) at the Medical College of Georgia seeks qualified candidates for a senior faculty position to promote translational research related to an aspect of chronic inflammatory disease syndromes. The successful applicant will have the opportunity to work with established research teams in the MCG Immunotherapy Center and clinical faculty in the Department of Medicine. An endowed chair is available for exceptionally qualified individuals with a proven track record of productivity in translational medicine related to immunotherapy in any of the following clinical areas, autoimmune, allergic and infectious diseases, transplantation, vaccine design and development. Investigators in the MCG Immunotherapy Center are studying immune counter-regulatory and tolerance mechanisms, and are developing novel immunotherapies to improve clinical outcomes such as the use of novel vaccine adjuvants to treat cancer patients. Current research topics include fundamental studies on immune tolerance mechanisms, and assessing the contribution of such mechanisms to chronic inflammatory diseases such as cancer, infectious and autoimmune diseases and tissue transplant survival. Applicants should have a MD or MD/PhD and a documented record of productivity in an area of clinical immunology research that complements these research strengths. Preference will be given to candidates with documented experience of promoting clinical research and managing early phase clinical trials. The successful applicant will hold joint appointments in the Immunotherapy Discovery Institute and the Department of Medicine, and will have access to exceptional core research facilities (listed at http://www.mcg.edu/Core/Labs/) and laboratory space. Generous start-up packages are available to support this recruitment. The Medical College of Georgia is an EEO/AA/Equal Access Employer, and is a growing state-supported academic medical center located in a historic city with outstanding recreational and lifestyle opportunities. For further information please contact: Andrew Mellor, PhD, co-Chair Immunotherapy Discovery Institute (amellor@mcg.edu), Medical College of Georgia, Augusta, GA 30912-3220.

OPEN RANK FACULTY POSITION
DEPARTMENT OF PHYSIOLOGY
UNIVERSITY OF TENNESSEE
HEALTH SCIENCE CENTER IN MEMPHIS (UTHSC)

We invite applications from outstanding scientists in the field of Cardiovascular Research for an open rank position in the Department of Physiology. The ideal candidate is an investigator with an established multi-grant-funded research program and ability to lead a group of investigators. Physician-scientists are encouraged to apply with the possibility of part-time involvement in patient care. The position comes with state-of-the-art laboratories, an attractive start up package, a competitive salary with a lucrative incentive bonus, along with access to a unique mouse genetics reference population (http://cgb.uthsc.edu). Senior applicants will be considered for an Endowed Professorship. Cardiovascular research at UTHSC has a long tradition of excellence and is one of the strategic areas of expansion with several new recruitments and a dedicated research building under development. Vascular biology, ion channel and cardiac physiology are our current research themes. Based on extramural funding the Department of Physiology is currently ranked fourth nationally by the American Physiological Society (http://physiol.uthsc.edu).

To apply, please submit curriculum vitae, summary of current and proposed research programs, teaching experience and interests, and contact information for three to five references, in a single Word or PDF document to:

Gabor Tigiyi, M.D., Ph.D.
Harriett Van Vleet Professor and Chair
Department of Physiology
E-Mail: PhysiologySearch@uthsc.edu

Review will begin upon receipt of the application.

The University of Tennessee is an EEO/AA/Title VI/Title IX, Section 504/ADA/ADEA Employer.

UAB DEPARTMENT OF PATHOLOGY
DIRECTOR
DIVISION OF MOLECULAR AND CELLULAR PATHOLOGY

The Department of Pathology at the University of Alabama at Birmingham (UAB) is pleased to announce recruitment for Director of the Division of Molecular and Cellular Pathology. UAB ranks in the top ten for NIH funding to Departments of Pathology and was recently ranked third in the nation for faculty scholarly productivity in the discipline of Pathology. We are inviting applications from qualified candidates at the Associate or full Professor level. This is a full-time, tenure-earning or tenured position through the Department of Pathology, Schools of Medicine and Dentistry. The candidate should have a doctoral degree: (M.D. and/or Ph.D.). It is anticipated that candidates will have a nationally recognized extramurally funded research program and the administrative experience necessary to lead a group of talented basic science scientists. Potential synergy with current research strengths in the department would be considered a strength. These include nationally recognized researchers in cancer pathobiology, cardiovascular, immunology, bone, extracellular matrix, diabetes and redox biology. The Director will be responsible for the leadership and career development of 15-20 faculty and will play a major role in strategic planning for research in the division.

UAB is a leading research institution consistently ranked in the top 25 institutions in the country in NIH research funding. Outstanding Centers, including a recently awarded Center for Clinical and Translational Science, and a broad range of specialized core facilities are among the attractions at the Institution. The position will remain open until filled. Individuals who wish to be considered should submit a comprehensive curriculum vitae, detailed application letter, statement of research interests, and the names of at least three individual references to: Victor Darley-Usmar, Ph.D., Professor and Interim Division Director, Vice-Chair for Research, Division of Molecular and Cellular Pathology, Department of Pathology, University of Alabama at Birmingham, 901 19th Street South, Biomedical Research Building II, Room 312, Birmingham, AL 35294-2172 or email PATH-MCPRecruit@mail.aub.edu. The University of Alabama is an Affirmative Action/Equal Opportunity Employer. Women and minority applicants are encouraged to apply.
“Promote your young faculty members through lecturing responsibilities, such as teaching fourth-year undergraduates. That makes them better known to students deciding which laboratory to choose for graduate studies.” Remind research students to make a career plan. Instead of directing where to do further training, you might say, “these few labs are the best in their fields. The PI is well known for mentorship. These are some I wouldn’t choose because of track record, funding, field of research, or networking.”

One touchy situation: a young researcher with consistently disappointing performance. “Some PIs won’t get involved at all. It’s very hard to say, ‘academia is not for you’,” Tremblay finds. “Sometimes you must tell your mentee, ‘These are your strengths. Here is where you are weak. I think you might not make it as a faculty member at a top university. You have good expertise in other aspects of research, such as administration. You would be great in translational research or clinical trials.’”

When a postdoc heads toward another job, “Leave space for them to start their own program. It takes generosity,” says Tremblay, “to allow this best trainee in the last year to start a new one to bring along. Have an open discussion with each trainee about what they’d like to do next. Provide tools for them to move forward,” including the time and resources to carve something from the current project.

Motivating and Managing

A corporate lab’s objective is meeting the business goal. An academic lab’s goal “is whatever the PI got money for,” Morris notes. “Every department meeting, every printed document, every conversation should reinforce that ‘the mission of this lab is to…’ Constantly remind people that we’re not here to do our individual experiments. This is part of something bigger.”

Morris cites the “complex demographics of lab personnel. Managing and leading require respecting differences between cultures and generations. Accept that work can be done in individual or innovative ways,” Morris suggests. “One person may complete projects by setting a timeline for each day’s work, while another needs the adrenaline of last-minute pressure, completing the project by several all-nighters. Yet both produce a quality product.”

To promote a team’s trust and cooperation, Tremblay advises setting clear expectations for your lab, staying aware of what’s going on there, and quickly resolving conflicts within your group.

What constitutes conflict? Hogging a piece of equipment or writing notes in a native language instead of lab language affects everyone. Ideally, Morris advises, let lab members resolve minor tensions, stepping in only when something escalates enough to disrupt the research. “Establishing and following performance guidelines that define appropriate versus inappropriate lab behavior is essential to becoming an effective lab manager. Make every employee aware of guidelines and consequences for not complying,” says Morris.

Clarify academic realities, too, Tremblay stresses. A researcher may be the inventor of a discovery, and receive acknowledgment through an ensuing patent with his/her institution, but the university owns everything done in any lab on its property. “To make sure everyone is treated fairly, keep your lab well organized so you’re clear about who’s done what, who started what. People should get the credit they deserve. That’s what justifies the hard work, especially on licenses, patents, and publications.”

Some of Schafer’s lab members go on lengthy field excursions, to locations as far-flung as Patagonia or New Zealand. “Working globally, the areas we study are always beautiful, and we post wonderful photos. Then the researchers come back and share their adventures on the field trip. It makes everyone feel very involved.”

Schafer’s team-building has a firm foundation: “I make it clear that I expect everyone who works here to have fun. We have lunch together once a month, off campus. Every week, one group goes out after work, for beer.”

Slack’s lab prefers champagne, popping open at least one bottle a month to celebrate a birthday, new grant, or accepted paper. He cooks an annual dinner for all 17 researchers at his home. The team takes one day trip each year, like canoeing.

Slack’s annual State of the Lab address “honestly assesses where we are in terms of new money, new people, our papers, our goals for that year. We’ll all know what our colleagues are working toward. I give information and want them to tell me what they think. They get to speak up about direction, or any area where they think we should focus or add effort.”

His entire team gets involved in hiring. “Any postdoc I consider comes to the lab for a day, meets everyone to talk about science one-on-one, and has lunch and dinner. Each of my people reports on the interaction. We check motivation, interest, and personality,” Slack confides. “We have few interpersonal issues because we try to encourage smart, socially adept people to join. And we demand they each be a good lab citizen.”

Carol Milano is an independent journalist in New York City, covering health care and science.

DOI: 10.1126/science.opms.r1000086
DIRECTOR, CARDIO-METABOLIC DISEASE RESEARCH PROGRAM

The Julius L. Chambers Biomedical Biotechnology Research Institute (BBRI) at North Carolina Central University invites applications for the position of Director for the Cardio-Metabolic Disease Research Program. The Program Director will have a unique opportunity to lead a multidisciplinary, inter-institutional research program focused on cardio-metabolic disease research.

Applications are encouraged from women, minorities, individuals with disabilities and covered veterans. Applicants should submit a statement of research interests, and contact information for three references to: Yvette Thompson, Executive Assistant, Division of Graduate Education and Research, Room 309 Hubbard-Totten Building, 1801 Fayetteville Street, North Carolina Central University, Durham, NC 27707, or via email ythompson@nccu.edu. For more information about the BBRI and NCCU visit http://www.nccu.edu/BBRI.

The successful candidate will possess strong management skills with the ability to manage budgets within a not-for-profit setting. In addition, successful candidates must have a strong record of sponsored research program management and meet requirements for a tenure-track faculty appointment at the Associate Professor or Professor level in one of the departments in the College of Science and Technology. Additional requirements include: demonstrated administrative and scientific leadership, a strong record of peer-reviewed research publications, research funding, and evidence of outreach activities, work with diverse populations, and the ability to develop joint programs with a high probability for long-term success.

East Carolina University is an equal opportunity, affirmative action employer and complies with all applicable federal and state laws.

EXECUTIVE DIRECTOR OF THE THOMPSON CENTER FOR AUTISM & NEURODEVELOPMENTAL DISORDERS

THOMPSON ENDEWED CHAIR IN CHILD HEALTH

The University of Missouri Thompson Center for Autism and Neurodevelopmental Disorders seeks an Executive Director and Thompson Endowed Chair in Child Health. The Executive Director and Chair will provide leadership to the Center, its faculty, staff and programs while advancing the knowledge of effective therapies for autism and neurodevelopmental disorders. The Executive Director and Chair will report to the Provost and Vice-Chancellor and will work in collaboration with the Thompson Center Foundation Board of Directors.

The Thompson Center opened in 2005 and in a very short time has become a national leader in autism through its collaborative research, training and service programs. A new and expanded facility is opening in the summer of 2010. Currently, the Center provides services to over 2000 children, youth and young adults annually.

The successful candidate must have proven experience as a leader and possess strong management skills with the ability to manage budgets within a not-for-profit setting. In addition, successful candidates must have the ability to work collaboratively with a broad range of constituents both internal and external.

Qualified candidates should submit their CV to: Deedra Hartung, Executive Vice President, Managing Principal, Cejkas Search/Executive Search 4 CityPlace Drive, Suite 500 St. Louis, MO 63141 Phone: 800.209.8143 ext. 63518 E-mail: dhartung@cejkassearch.com

The Search Committee is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community. The University of Missouri is an Equal Opportunity Employer and complies with the guidelines of the Americans with Disabilities Act of 1990.

West Virginia University is an Affirmative Action, Equal Opportunity Employer, dedicated to building a culturally diverse and pluralistic faculty and staff committed to working in a multicultural environment. Applications from women, minorities, individuals with disabilities and covered veterans are encouraged. Individuals that are part of dual career couples are also encouraged to apply.

West Virginia University

Director for the WVNano Initiative

West Virginia University seeks applications and nominations for an exceptional leader with strong technical, strategic planning and team-building skills to become the Director of WVNano, the West Virginia University initiative for nanoscale science and engineering, and education (NSEE). WVNano (http://wvnano.wvu.edu) is an exciting University-wide initiative to accelerate both NSEE and nanotechnology research to a high level of competitiveness. WVNano is an intensely interdisciplinary effort involving over 25 researchers from the colleges representing science, engineering, health science, and education. WVNano is funded by university, state, and federal sources. The strategic plan is dynamic and has resulted in ten new faculty positions. A significant number of additional NSEE-related faculty searches are also underway by the University’s Colleges.

The Director will promote the sense of community within WVNano and be responsible for the Initiative’s vision, leadership, advocacy, and management. The Director will report directly to the Vice President for Research and Economic Development. Acceptable candidates must have a demonstrated commitment to and current knowledge of interdisciplinary research and education relevant to NSEE; demonstrated technical, administrative, and communication skills; an earned doctoral degree; and an established record of leading and fostering large interdisciplinary research efforts. Evidence of significant academic research and educational expertise and/or experience leading large research programs is required. The academic appointment will be commensurate with the candidate’s background.

Applications should be submitted electronically to nanoresearch@mail.wvu.edu (list WVNano Director in the subject line). Applications should include (1) a statement describing the applicant’s qualifications and vision for the future of WVNano; (2) a complete curriculum vitae, including a record of scholarly activity and leadership experience; and (3) the names and contact information for at least five references. The position will remain open until filled. Questions regarding the position should be addressed to: Fred L. King, Chair WVNano Director Search Committee, (Fred.King@mail.wvu.edu) (304) 293-4611.

West Virginia University is an Affirmative Action, Equal Opportunity Employer, dedicated to building a culturally diverse and pluralistic faculty and staff committed to working in a multicultural environment. Applications from women, minorities, individuals with disabilities and covered veterans are encouraged. Individuals that are part of dual career couples are also encouraged to apply.
ASSISTANT/ASSOCIATE PROFESSOR

Applications are invited for a tenure-track position, Assistant or Associate Professor, North Carolina Central University’s (NCCU’s) Nutrition Research Program, the North Carolina Research Campus (NCRC), Kannapolis, North Carolina. The NCRC Research Campus is a thriving community where scientists from six universities join with those from industries in conducting research to understand nutrition and its relationship to disease. To learn more about NCRC, please visit www.ncresearchcampus.net. The successful candidate will be expected to establish extramurally funded research studies, collaborate with other NCRC and NCCU investigators and train students in her/his field of expertise. Nutrition research currently conducted in NCCU’s laboratory focuses on the use of Zebrafish to study the mechanisms by which signaling molecules guide and pattern vascular networks during angiogenesis (formation of new blood vessels). Studies are performed to provide insight to the suppression of cardiovascular diseases and the mechanisms of anti-angiogenesis in combating cancers. A research program complementary or synergistic to this would be preferable. However, mechanism-based cancer prevention research using dietary agents and in-vivo models would be welcomed as well.

Applicants must hold a Ph.D. and/or M.D., and have a record of research productivity and support. Review of applications will begin immediately and will continue until the position is filled. Applicants should submit by mail or email curriculum vitae, a description of research interests, and contact information for three references to: Connie Key, Julius L. Chambers Biomedical/Biotechnology Research Institute, North Carolina Central University, 700 George Street, Durham, NC 27707, or via email ckkey@nccu.edu. For more information about the BBRI and NCCU visit http://www.nccu.edu/BBRI.

North Carolina Central University is a constituent institution of the University of North Carolina System and an Equal Opportunity, Affirmative Action Employer. NCCU complies with the Immigration Reform and Control Act of 1986.

Dept. of Microbiology & Molecular Genetics
Center for Biopreparedness & Infectious Disease Faculty Position in Innate Immunity

We are seeking a tenure-track Assistant or Associate Professor whose research lies within the broad area of innate immunity.

The successful applicant will join a collegial group of interactive, well-funded and productive investigators and will be expected to establish a strong, independent research program and participate in graduate and medical student teaching. Strong programs in virology, bacteriology, and immunology will facilitate collaborations and ensure good mentoring. This recruitment is complemented by college-wide initiatives in cancer research, cardiovascular research, and stem cell biology/regenerative medicine.

Competitive salary support, start-up funds and renovated laboratory space will be provided, as well as access to state-of-the-art core facilities. A PhD and/or MD degree and postdoctoral experience are essential. Applications will be considered as they arrive but should be received by April 9, 2010; applicants should submit a curriculum vitae, statement of research interests, and the names of three references to: Dr. Paula Traktman, Chairman, Dept. of Microbiology and Molecular Genetics, Medical College of Wisconsin, 8701 Watertown Plank Rd., Milwaukee, WI 53226; e-submissions should be sent to kthompson@mcw.edu.

http://www.mcw.edu/microbiology
http://www.mcw.edu/BiopreparednessInfectiousDiseaseCenter.htm

EEO/AA/M/F/D/V

MOLECULAR CELL BIOLOGIST POSITION
FULL TIME IN RESIDENCE FACULTY POSITION

The candidate is a molecular and cell biologist whose primary interest is in the development and repair of bone and cartilage. The candidate will establish or must already have established an active and independently funded research program. He/she will teach professional and graduate students, interact with the basic science as well as the clinical faculty of the School of Medicine in relevant research and teaching endeavors. The candidate must have demonstrated expertise in musculoskeletal tissue research as it relates to bone and cartilage development and repair, and the genetics of skeletal tissues.

The incumbent will provide leadership in molecular and cellular skeletal biology research, be an active member of Departmental and UCSF campus committees, advise interested faculty and residents in their research activities, and provide lectures to faculty, residents, and medical students as part of the Department of Orthopaedic Surgery core curriculum.

Applicants must have Ph.D. and postdoctoral experience, and an extensive background in computational and experimental methods. The candidate must also have a demonstrated involvement in quality research through accepted or published writings in peer-reviewed journals, comprehensive expertise in vertebrate skeletal biology, genetics, and bone and cartilage regeneration and repair. UCSF seeks candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence.

Send curriculum vitae and three blind letters of reference to:

Dr. Thomas Parker Vail
Department of Orthopaedic Surgery
University of California, San Francisco
500 Parnassus Ave, San Francisco, 94143-0728

UCSF is an Equal Opportunity/Affirmative Action Employer. The University undertakes affirmative action to assure equal opportunity for underutilized minorities and women, for persons with disabilities, and for covered veterans. All qualified applicants are encouraged to apply, including minorities and women.

University of California, San Francisco ... A Health Sciences Campus

MOLECULAR CELL BIOLOGIST POSITION
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Dr. Thomas Parker Vail
Department of Orthopaedic Surgery
University of California, San Francisco
500 Parnassus Ave, San Francisco, 94143-0728

UCSF is an Equal Opportunity/Affirmative Action Employer. The University undertakes affirmative action to assure equal opportunity for underutilized minorities and women, for persons with disabilities, and for covered veterans. All qualified applicants are encouraged to apply, including minorities and women.
The NIH is seeking exceptional candidates for the position of Deputy Director, NIEHS, to assist in leading the preeminent center for environmentally related health research in the world. The Deputy Director, NIEHS, also participates in leadership of the National Toxicology Program. This position offers a unique opportunity to become part of a team providing strong and visionary leadership toward reducing the burden of human illness and dysfunction from environmental causes. The Deputy Director will help manage a high-level complex organization and must demonstrate integrity and fairness upholding the highest standards of scientific research and business practices. NIEHS conducts and supports interdisciplinary research related to environmentally relevant exposures and diseases and translating that into improvements in both clinical and public health. The Deputy Director will have a critical role in translation of NIEHS basic research findings to human health, particularly new approaches to disease prevention.

Applicants must have senior-level research experience and knowledge of research programs in one or more scientific areas related to environmental effects on human health. Candidates should have a track record of demonstrated leadership of a successful research program which includes partnerships with outside groups as well as extensive planning, program assessment, and analysis of program objectives; the development of plans for the resolution of major operational problems and issues; and management of financial and human resources, including selecting, managing, and motivating staff using fair and equitable staffing/recruitment practices.

Applicants must possess an M.D. and/or doctoral degree and have senior-level research. Adherence to NIH ethics policies is required. Salary is commensurate with experience, and full Federal benefits, including leave, health and life insurance, retirement and savings plan (401k equivalent) will be provided.

Please send questions regarding the position to: Search Committee Chair, Yvonne Maddox at maddoxy@mail.nih.gov and questions regarding the Institute/Division to: John Pritchard at pritcha3@mail.nih.gov.

Interested persons should submit curriculum vitae, contact information for three people to provide a reference, a statement regarding reasons for interest in the position incorporating how you would implement your vision into the NIEHS strategic plan, and identify unique qualifications by March 31, 2010 to: Ms. Stephanie Jones, NIEHS, Office of Human Resources, P.O. Box 12233, Mail-drop K1-1, Research Triangle Park, NC 27709 or e-mail: jones17@mail.nih.gov Vacancy: NIEHS-11-OD-2010.

http://dir.niehs.nih.gov

FDA and NIH are Equal Opportunity Employers. This position is subject to a background investigation.

FDA Commissioner’s Fellowship Program

Touch the Lives of All Americans!
The FDA Commissioner’s Fellowship Program is a two-year training program designed to attract top-notch health professionals, food scientists, epidemiologists, engineers, pharmacists, statisticians, physicians and veterinarians. The Fellows work minutes from the nation’s capital at FDA’s new state-of-the-art White Oak campus in Silver Spring, Maryland or at other FDA facilities. The FDA Commissioner’s Fellowship offers competitive salaries with generous funds available for travel and supplies.

Coursework and Preceptorship
The FDA Commissioner’s Fellowship program combines coursework designed to provide an in-depth understanding of science behind regulatory review with the development of a carefully designed, agency priority, regulatory science project.

Who Should Apply?
Applicants must have a Doctoral level degree to be eligible. Applicants with a Bachelor’s degree in an Engineering discipline will also be considered. Candidates must be a U.S. citizen, a non-citizen national of the U.S., or have been admitted to the U.S. for permanent residence before the program start date. For more information, or to apply, please visit: www.fda.gov/commissionersfellowships/default.htm.

Applications will be accepted from January 1, 2010 – March 15, 2010.
**Boehringer Ingelheim, caesar and the Max-Planck-Society announce an**

**Independent Junior Research Group**

“Cellular Degradation Mechanisms in Neurodegenerative Diseases”

The candidate should be interested in general mechanisms of cellular degradation pathways during neurodegenerative diseases in particular autophagocytosis or degradation in the endosome, lysosome or proteasome.

The Junior Research Group will be established at the center of advanced european studies and research in Bonn (caesar; www.caesar.de), an interdisciplinary research center associated with the Max-Planck-Society.

Funding of the Research Group covers a set-up package, the position of the group leader, a technician, one PhD and one post-doctoral fellowship, secretarial support, plus consumables, and is (initially) for 5 years. The successful candidate should have experience in one of the above mentioned research areas.

Applications should include a CV, a list of publications, a one-page summary of scientific achievements, a two-page research plan and two letters of recommendation. Successful candidates will be invited to a symposium in May 2010 in Bonn.

**Boehringer Ingelheim** is a family-owned, research-driven global pharmaceutical company, founded in 1885 and committed to the goal of serving humankind through research into diseases and the development of new drugs and therapies. Boehringer Ingelheim operates with 41,300 employees in 47 countries across the globe.

**caesar** (center of advanced european studies and research, located in Bonn, Germany) is conducting research in the field of neurosciences focussing on sensory systems, neurophotonics and neurodegenerative diseases. State-of-the-art techniques for imaging, molecular biology as well as chemical and material sciences open excellent opportunities in basic and applied research, caesar is associated with the Max-Planck-Society.

The **Max Planck Society for the Advancement of Science** is an independent, non-profit research organization that primarily promotes and supports basic research. The society currently operates 80 institutes and research facilities with more than 23,400 employees, including 4,400 scientists.

Boehringer Ingelheim, caesar and the Max-Planck-Society are committed to equal opportunities and to employing disabled persons.

Please send your application **no later than April 15, 2010** to:

Prof. Dr. U. B. Kaupp, Forschungszentrum caesar, Ludwig-Erhard-Allee 2, D - 53175 Bonn.

For further information please contact Prof. Dr. U. B. Kaupp, phone: +49 (0)228 9656 100 or u.b.kaupp@caesar.de
Welcome to FEBS 2010, jointly organised by the Swedish Society for Biochemistry and Molecular Biology and the Norwegian Biochemical Society

35TH FEBS CONGRESS
MOLECULES OF LIFE

June 26–July 1, 2010 • Gothenburg, Sweden • at Gothenburg Convention Centre (Svenska Mässan)

Programme highlights

Nobel Laureate lectures:
- Roger Tsien (UCSD; Nobel Prize 2008)
- Venki Ramakrishnan (MRC-LMB; Nobel Prize 2009)
- Elizabeth Blackburn (UCSF; Nobel Prize 2009)
- John Walker (MRC-MBU; Nobel Prize 1997)

Datta lecture: Juleen Zierath (Karolinska Institute)

Krebs lecture: Harald Stenmark (Norwegian Radium Hospital)

Bücher lecture: Svante Pääbo (MPI Leipzig)

EMBO lecture: Uri Alon (Weizmann Institute)

IUBMB lecture: Susan Lindquist (Whitehead Institute)

Congress symposia
- A - Molecules in Health and Disease
- B - Molecular Networks
- C - Molecules at Work
- D - Cellular Compartments
- E - Biomolecular Design and Function

Important dates
- Early registration: February 26, 2010
- Deadline for support application: February 26, 2010
- Abstract deadline: March 31, 2010
- Congress starts: June 26, 2010 at 17:00

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COFRENCE

AWARDS

Bial AWARD 2010

The Bial Foundation promotes the award designated as Bial Award 2010. The Awards will be:

Bial Merit Award in Medical Sciences - €200,000

Designed to distinguish an intellectual written work on any freely chosen medical topic. To meet the eligibility conditions research of high quality and scientific relevance must be presented.

Bial Award in Clinical Medicine - €100,000

Designed to distinguish an intellectual written work on any freely chosen medical topic on clinical practice. At least one of the authors must be a native physician of a Portuguese speaking country.

Distinctions (up to a maximum of four) - €5,000 each

Applications deadline - until the 31st October 2010
Regulation available at www.bial.com, or can be sent at request.

Bial

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FACULTY POSITIONS

FACULTY POSITION
Section of Endocrinology
Tulane School of Medicine

Tenure-track position, ASSISTANT or ASSOCIATE PROFESSOR level. Section focus is on diabetes. Funded candidates with molecular and/or clinical pathophysiology are encouraged to apply. Research and teaching responsibilities. Adjunct appointment(s) with physiology, biochemistry, pharmacology also possible. Section has a strong clinical research/clinical trials program. Clinical samples/materials available for collaborative clinical/translational research. Section also involved in epidemiology studies and a pilot program of clinical translation of stem cell therapy in diabetes. Curriculum vitae, research and teaching goals, three references to website: http://vfonseca@tulane.edu. Search open until qualified applicant is identified. Affirmative Action/Equal Opportunity Employer. Women and minorities invited to apply.

TENURE-TRACK ALZHEIMER’S POSITION
Pittsburgh Institute for Neurodegenerative Diseases, University of Pittsburgh, seeks an established, full-time faculty member to conduct laboratory research on Alzheimer’s and related disorders. Applicants should have an M.D. or Ph.D. degree, a track record of extramural funding, and must be eligible to work in the U.S.A. Generous startup package is available and there is a possibility of an endowed chair. Applicants should electronically submit curriculum vitae and a brief statement of research interest to J. Timothy Greenamyre, Chair, Search Committee, Department of Neurology, e-mail: neurologyinfo@upmc.edu. The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS
will be available in March 2010 in the Department of Cell Biology and Physiology at the University of Pittsburgh School of Medicine to study (1) the mechanisms of trafficking of the dopamine transporter and the regulation of the transporter function by trafficking; and (2) the mechanisms of epidermal growth factor receptor endocytosis and its role in signaling. Candidates with training and interest in cell biology and neuroscience, transgenic and xenograft mouse models, mass spectrometry, virus-mediated protein expression, quantitative live-cell fluorescence microscopy, and computational modeling are encouraged to apply. Please electronically send curriculum vitae and names of references to Laszlo Zaborszky, M.D.-Ph.D., e-mail: zaborszky@axon.rutgers.edu; website: http://zlab.rutgers.edu). Deadline for application: April 1, 2010. For the fate-mapping studies, applicants must be U.S. citizens or green card holders. Affirmative Action/Equal Opportunity Employer.

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