Trudeau Institute, Inc. has openings for Ph.D., M.D. or D.V.M Postdoctoral Fellows in the following laboratories.

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Laura Haynes, Ph.D. – The effect of age on the function of CD4 T cells
Mithilesh Jha, Ph.D. – Identification and characterization of calcium channels and their complexes in cells of the Immune system; Roles of adrenergic receptor signaling in the immune system
Elizabeth Leadbetter, PhD. – Cooperative iNKT and B cell responses to lipid antigens; Lipid-based vaccine strategies for infectious diseases
Markus Mohrs, Ph.D. – Cellular and molecular mechanisms governing cytokine responses to infection
Stephen Smiley, Ph.D. – T cell responses to bacteria; Coagulation during immunity/immunopathology.
Alexei Tumanov, M.D., Ph.D. – Mucosal immunology, liver diseases

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Please send a CV, cover letter, a statement of research interests and three references (with e-mail addresses included) to Amy Richardson, HR Manager, Trudeau Institute, Inc., 154 Algonquin Avenue, Saranac Lake, NY 12983 or arichardson@trudeauinstitute.org.

If interested in interviewing with a particular lab, please specify in the cover letter.
Roche post-doctoral Fellowship Program

Who we are
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The headquarters in Basel is one of Roche’s largest sites, over 8,000 people from approximately 80 countries work at Roche Basel. Favored by its geographic location in the heart of Europe, the Basel area is one of the most dynamic economic regions in Switzerland – a great place to live and work.

The Roche post-doctoral Fellowship Program (RPF)
It is our ambition to build and maintain «Scientific Leadership» for the creation of innovative healthcare products and solutions, now and in the future.
The RPF Program will foster creative science, engage talented scientists as postdocs, reward Roche’s best scientists as mentors and strengthen and expand scientific relationship with academia. We mean to

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• Develop scientific talents with a Roche Postdoc Fellowship for 2 to 4 years. Postdocs are mentored both by an excellent scientist at Roche and an excellent scientist in the Academic Research Group.
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• Post-doctoral Scientist Mass-Spectrometry within Oncology Research (Job ID 378491)
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POSTDOCS: STRIVING FOR SUCCESS IN A TOUGH ECONOMY

One thing that's on everyone's mind these days—scientists included—is the dire economic situation. But despite tighter budgets, the attributes contributing to a successful postdoc experience, such as communication and mentoring, have not changed, according to the postdoc supervisors who completed this year's annual survey for Science Careers. Yet supervisors say it's all the more important for postdocs to carefully plan their career moves ahead of time and make sure that they get all the training they need during their postdoc years. By Laura Bonetta

Since Science Careers started conducting annual surveys seven years ago, alternating between polling postdocs and postdoc advisors, the attributes that survey respondents select as being most important to a successful postdoc have not varied much.

This year’s record number of survey participants, comprising 798 postdoc supervisors, ranked the importance of twelve attributes to having a successful postdoc experience. The attributes supervisors ranked most highly, and the ones selected by the postdocs polled in 2010, are listed in the chart on the right.

Only 37 percent of supervisors thought helping postdocs’ spouses and partners find a job was important or very important to a successful postdoc experience; in comparison, 86 percent of postdocs felt that way (see “The Postdoc Experience: Taking A Long Term View,” Science, 2010, doi:10.1126/science.opms.r1000093). The “spouses and partners” category has been rising in ranks among postdocs in their surveys. For example, in the 2006 survey only 16 percent of postdocs polled noted help for spouses or partners to find jobs as a key factor. This increase may reflect a change in the value that postdocs, but not their supervisors, place on their personal lives relative to their work.

That was the case for Simona Casarosa, currently an assistant professor at the University of Trento, Italy. After completing her Ph.D. in Italy, she accepted a position as a postdoc in Strasbourg, France. Her choice was dictated by the fact that her husband, also a scientist, had finished his Ph.D. months earlier and had already landed a post in France. Casarosa says the choice of a postdoc lab depends on what is important to someone. “You have to ask yourself what you want from your life. If you want to have a striking career and be famous then you should choose on that basis,” she says. “But if your personal life is important to you, then you need to take that into consideration.”

Traditionally postdocs have sought positions in the scientific powerhouses of the US, UK, and Germany. But postdocs who are looking for something different and a chance to see faraway places might want to consider nontraditional choices like Australia or Singapore. continued on page 1172 »

Supervisors Rate Factors That Contribute to a Successful Postdoc Experience, Plus Rankings Compared to 2010 Postdoc Survey

SURVEY METHODOLOGY
This year’s survey was launched on March 15, 2011, with e-mail invitations sent out to about 40,000 current and former postdoc advisors worldwide. Of the 798 completed surveys that were collected, 71 percent came from Europe (39 percent) and North America (32 percent). The remaining respondents were located in Asia/Australia/Pacific Rim (20 percent) or other areas of the world (9 percent). Most were males (72 percent) 40 years of age and older (76 percent) and worked in academic institutions (70 percent) and government organizations (13 percent). The primary area represented was the life sciences (57 percent).

UPCOMING FEATURES
Focus on Japan—September 2
Faculty: Financial Planning for Scientists—September 9
Top Employers Survey—October 7
Announcing the Chicago Fellows Postdoctoral Program.

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• Highly competitive compensation

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Application deadlines are Mar. 1, Jul. 1, and Nov. 1. To apply, go to http://chicagofellowsbsd.uchicago.edu.

Visit our website at www.chicagofellowsbsd.uchicago.edu to view open postdoctoral positions.

For additional information about career development services and programs available to biomedical scientists and clinical researchers, visit the Office of Academic Career Development at www.oacd.health.pitt.edu.
“We have 20 to 25 students at our institute, and I take a personal interest in each one of them. I sit down with them and mentor their progress and careers.”

—Joan Heath

Portion of Professional Time Spent Supervising Postdocs

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<th>% OF TIME SPENT</th>
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<td>20% or less</td>
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<td>69%</td>
<td>57%</td>
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<tr>
<td>21% or more</td>
<td>34%</td>
<td>31%</td>
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After hearing rumors in Australia that there would be Aus$400 million cut from the National Health and Medical Research Council budget, researchers mounted a vigorous protest campaign that was successful in maintaining current spending for the major research agencies. “Right now success rates for grant applications are about 23 percent, which is not bad in an international context,” says Joan Heath, a zebrafish researcher at the Parkville Branch of the Ludwig Institute for Cancer Research in Melbourne, Australia. “We have just escaped a difficult situation.” (In comparison, the success rate for NIH grants in 2010 was 20.6 percent; see: http://report.nih.gov/award/success/Success_ByIC.cfm).

Most postdocs in Australia are appointed on principal investigator (PI) grants, typically at the time that the grant starts until its end in three years, explains Heath. All of her postdocs have salaries of at least Aus$70,000 (US$74,500) a year, which is higher than typical postdoc salaries in the US. “I don’t know why our doors are not being beaten down.” Yet Australia is not a popular destination among American postdocs.

Another good place for postdocs may be Singapore. “It’s very nice for postdocs who want to explore another part of the world,” says Philipp Kaldis, a PI at the Institute of Molecular and Cell Biology (IMCB). “Public transportation is very well organized, the weather is always nice, it’s very close to many exotic vacation spots, research is well supported by the government, and salaries for postdocs are more than what they are in the United States.” On the downside, apartments are very expensive and going home or to a conference can be a long trip.

THE VALUE OF MENTORS

Year after year, most supervisor respondents in the Science Careers survey select mentoring as one of the key attributes for a successful postdoc experience. In this year’s survey, two thirds (65 percent) of postdoc supervisors indicated that they spent 20 percent or less of their professional time on supervisory responsibilities (see table above). The remaining one third (34 percent) spent more than 20 percent of their time supervising postdocs. Most (80 percent) supervisors felt that the time they spent advising postdocs was adequate.

“Mentoring is really important to me,” says Gail Bishop, professor of microbiology and internal medicine at The University of Iowa. “I belong to the subgroup of PIs who put a lot into mentoring.” Bishop, who indicated in the survey that she spends over 20 percent of her time mentoring trainees, acknowledges that mentoring is one of those things that a PI typically learns on the job. “We are all selected for our productivity, creative ability at the bench, and our ability to communicate scientifically,” she explains. “Then instantly you become a manager and often have no experience doing it.” A key to learning how to manage people, she says, is to start gradually with only a few people in the lab. “One pitfall for many beginning faculty is building up a lab too fast,” she adds.

The number of postdocs a PI feels they can effectively manage changes depending upon the level of their experience, according to survey respondents. When they were asked about the maximum number of postdocs they could manage, very few (3 percent) felt they should be responsible for only one postdoc, whereas most (63 percent) felt that they could supervise two or three postdocs. Seventeen percent of the survey respondents felt that they could supervise four or more postdocs. The remaining 17 percent were not sure about the maximum number of postdocs they should supervise. In general, as the age of a supervisor increased, so did the maximum number of postdocs that the supervisor thought he/she should be responsible for.

Interestingly, the 2011 survey revealed that female supervisors, on average, spend more time mentoring postdocs than male supervisors. Mentoring may come more easily to female faculty, says Heath, who has been the postgraduate student coordinator at her institute since 1995. She doesn’t think many of her male colleagues would spend as much time as she does mentoring other people’s graduate students. “We have 20 to 25 students at our institute, and I take a personal interest in each one of them. I sit down with them and mentor their progress and careers,” she explains.

That is not, however, to say that men don’t mentor. “I like mentoring,” says Michael Stumpf, a systems biologist at Imperial College London in the UK, who also indicated in the survey he spends over 20 percent of his time mentoring postdocs. Stumpf says he tries to get all his postdocs to supervise Ph.D. or Master’s students “so that they see if they like it,” he says. “It will be an important component of what they do as PIs.” He also makes sure they present their research findings at scientific conferences. Because Stumpf holds a joint grant in collaboration with a group in Japan, he also sends all his graduate students and postdocs to spend time in his collaborator’s lab in Japan. “It is important to be exposed to a different way of doing science,” says Stumpf.

ENSURING SUCCESS

Each year the Science Careers survey asks participants to rank those factors, such as learning new skills or publishing papers, which contribute to a successful scientific career. The top-rated factors have stayed the same over the years, regardless of economic conditions.

This year’s survey respondents felt that conducting high quality research was most important for a successful postdoc (79 percent), followed by learning to work independently (65 percent), and publishing work (60 percent). Significantly fewer supervisors felt that learning how to write grants and obtain funding (36 percent), developing new research skills (35 percent), gaining a deep knowledge of a specific area of research (32 percent), and learning to manage or supervise others (23 percent) were among the top attributes important for a successful postdoc experience. continued »
The EGL Foundation invites you to apply to the

**Gruss Lipper Post-Doctoral Fellowship Program**

**Eligibility**
- Israeli citizenship
- Candidates must have completed PhD and/or MD/PhD degrees in the Biomedical Sciences at an accredited Israeli University/Medical School or be in their final year of study
- Candidates must have been awarded a postdoctoral position in the U.S. host research institution.

Details regarding the fellowship are available at [www.eglcf.org](http://www.eglcf.org)
Learning to work independently was more important to postdoc supervisors (65 percent) than to postdocs (44 percent according to the 2010 postdoc study) for a successful postdoc experience.

In addition to these “traditional academic accomplishments,” says Hank Seifert, a professor at the Northwestern University Feinberg School of Medicine in Chicago, postdocs have to learn to “communicate effectively in writing, when giving talks, and in interpersonal discussions. An understanding of the big picture—perspective of their chosen profession is critical to making good career decisions.” These additional skills make a postdoc more likely to land a faculty job when there is tough competition.

Although what it takes to be successful in science has not changed much over the years, in these tough economic times, it is more important than ever for graduate students to start looking for a postdoc position at least a year before finishing their graduate work. “I am always amazed at the number of our graduate students who apply to my lab and people who look for a postdoc with three to six months lead time,” says Kevin Gardner, professor of biochemistry at the University of Texas Southwestern Medical Center. Sometimes graduate students delay their search for postdoc positions because they are waiting to have a paper in press, but this strategy does not always work to their advantage because “if the lab is already full and finances are limited, they will not get the job, even if they have good publications,” warns Gardner. In times when funding is good, says Gardner, there is more flexibility for PIs to provide positions on a short notice.

Finding the right lab is a two-way street. The survey showed that the most common attribute PIs look for when selecting a postdoc to join their lab is strong research experience (77 percent). Other sought-after factors include: an interest in working in new fields (56 percent), a graduate adviser with a good reputation (43 percent), and a good research institution (43 percent).

In addition to these professional considerations, it is important that the postdoc and PI get along on a personal level, says IMCB’s Kaldis. For this reason, he asks postdoc candidates a lot of questions over the course of a two- to three-hour-long interview to get insights into their personalities. “A lot of it is gut feeling. It’s a very individual process, but in general I look for people who are open to collaboration, and who want to talk to each other and to me,” he says.

AFTER THE POSTDOC
According to 81 percent of the survey respondents, the average length of a postdoc in their labs was around three years or less; however, 16 percent placed it at four years or more. In the 2009 survey, 76 percent of postdoc supervisors said the average length of their postdocs was one to three years, and 19 percent said four-plus years. That difference might reflect shorter terms imposed by tighter funding.

Whether someone is successful in finding a job following a postdoc depends on many factors, including “being realistic and proactive, understanding what is needed and what is expected, and what hiring committees are looking for in a resume,” says Bishop. “Regardless of the job, postdocs need to take the initiative early on and set themselves up to have what employers want. The biggest mistake I see is when people do not think about job options ahead of time or do not think about it realistically.”

In addition to being proactive, it is important to be flexible. “My sense is that a lot of postdocs come with unrealistic expectations,” says Martin Dove, professor of earth sciences at the University of Cambridge, United Kingdom. “You have to have some idea of where your career might go. You have to come in having a plan A, but also having a plan B so that you don’t hang on to something that is not viable.” He adds that it is also important to set a timeline. “For example, say [to yourself]: ‘If I don’t get an academic post in five to six years, I will switch to plan B.’”

To help postdocs reach their goals, many mentors have career guidance meetings every 2 to 12 months, sometimes using career development plans or simply outlining the goals that postdocs want to reach. “I view a career development plan as a tool, or hammer, to do something constructive, or to hit yourself on the head,” says Marder. Marder meets with his postdocs annually to list the goals that they will need to achieve during the year; then at the next meeting they review those goals to see if they were met or not.

Despite all the best planning and good intentions, jobs may be hard to come by, so postdocs have to be prepared to be persistent and not get discouraged. “My advice is that if you really enjoy research in an academic environment and are good at it, then persevere, there will always be quality research opportunities available for well-trained researchers,” says Seifert.

Laura Bonetta is a scientist turned freelance writer based in the Washington, D.C., area.

DOI: 10.1126/science.opms.r1100106
Postdoctoral Fellowship for Germ Cell Research Available in Yamanaka Group (Kyoto University)

A postdoctoral fellowship position is available at the Center for iPS Cell Research and Application (CiRA), Kyoto University, to lead a project on germ cell differentiation from human pluripotent stem cells together with Prof. Yamanaka and Dr. Takahashi. The aim of the project is generation of an efficient and highly reproducible protocol for germ cell differentiation. This project will be collaborative with Prof. Mitinori Saitou at Graduate School of Medicine, Kyoto University.

* About Prof. Saitou’s research, please refer to the article in the journal Cell below.


Job Descriptions - Establishment of in vitro differentiation system from human pluripotent stem cells

1. Establishing efficient differentiation conditions using germ cell –specific reporter cell lines and high-throughput screening with small molecule libraries,
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Applicants must submit a CV, a list of research achievements, and reason for applying and future vision of your research in CiRA by September 30, 2011 (Applying by e-mail is not acceptable.)

Please refer to our website for details:

http://www.cira.kyoto-u.ac.jp/e/employment.html

Contact: Hiromi Kurokawa, Research Promotion Group, Director’s Office, Center for iPS Cell Research and Application, Kyoto University

E-mail: collaboration@cira.kyoto-u.ac.jp
The Faculty of Natural Sciences, invites applications for a tenured

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*(succession of Prof. Rau)*

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The University of Erlangen-Nuremberg is an Equal Opportunities Employer committed to increasing the number of female academic staff and would expressly welcome applications from women. We also offer encouragement for Dual-Carreer-Couples. Preference will be given to disabled applicants with commensurate qualifications. The position is to be filled as soon as possible.

Applications should include a CV, a list of publications, public lectures and degree courses taught, together with certified copies of degree certificates as well as a brief statement of research interests, but no publications, should be sent not later than October 15, 2011 (date of stamp) to: The Dean, Naturwissenschaftliche Fakultät der Universität Erlangen-Nürnberg, Universitätsstr. 40, D-91054 Erlangen, Germany.

Minorities and women are strongly encouraged to apply. U.S. citizenship or permanent residency is required.

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See our open positions:
esd.lbl.gov/resources/workplace/hr/new_employees/job_opportunities.html

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**Faculty Position in Developmental Neuroscience**
Institute for Neuroscience and Department of Pharmacology and Physiology
School of Medicine and Health Sciences
The George Washington University

The newly formed Institute for Neuroscience and the Department of Pharmacology and Physiology are accepting applications for a tenure-eligible faculty member at the rank of Assistant or Associate Professor with expertise in the genetic and cellular analysis of neurodevelopmental disorders in animal models. This position will be one of five added to the existing community of GWU neuroscientists as part of an initiative to expand research in developmental disorders including autism. We seek an investigator whose research focuses on analysis in animal models of genes known to cause human neurodevelopmental disorders. This individual will participate in medical and graduate education in the Department of Pharmacology and Physiology as well as the Institute for Biomedical Sciences.

**Basic Qualifications:** Applicants must have a terminal degree (Ph.D. or M.D.) in an appropriate discipline and substantial accomplishments in biomedical research as demonstrated by a significant number of first and/or senior author publications in outstanding peer-reviewed journals as well as initial success in obtaining external research support. **Preferred Qualifications:** Preference will be given to candidates with a growing research program focused on genetic, molecular and cell biological analysis of mouse models of human neurodevelopmental disorders. Integration of mouse genetic analysis with ongoing human genetic analysis is encouraged. The successful candidate will participate in Institute for Neuroscience research activities including development of multi-investigator projects for extramural funding. Salary and start up funds will be commensurate with experience.

**To be considered,** please send a complete curriculum vitae plus names and contact information for 3 references electronically to Anthony-Samuel LaMantia, Ph.D., Professor of Pharmacology and Physiology, Director, GWU Institute for Neuroscience at recruit2011@gwumc.edu. If possible, please send this information in the PDF format. Review of Applications will begin on October 1, and will continue until the position is filled. Only complete applications will be considered.

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**ASSISTANT or ASSOCIATE PROFESSOR**

The newly created Center of Excellence in Cancer Research at the Paul L. Foster School of Medicine at El Paso is seeking highly qualified applicants for tenure-track faculty positions at the Assistant or Associate Professor level in the Department of Biomedical Sciences. Successful candidates are expected to develop an independently funded research program in cancer research or a related field. The positions report to the Director of Basic Science Research of the Center of Excellence in Cancer Research.

**Minimum qualifications:** M.D., Ph.D., or M.D./Ph.D. degree in a field related to cancer, three years of postdoctoral experience, and a strong publication record.

**Preferred qualifications:** Candidates with experience in cancer research, experience using the latest technologies and funded grant support are particularly encouraged to apply. (Only candidates with funded grant support will be considered for Associate Professor Rank.)

A competitive salary, startup package, and comprehensive benefits are available. Interested candidates must apply online at website: [http://jobs.texastech.edu](http://jobs.texastech.edu), requisition #80343 - Assistant Professor and #81927 Associate Professor.

For further information, potential applicants may inquire confidentially to: Rajkumar Lakshmanaswamy Ph.D., e-mail: rajkumar.lakshmanaswamy@ttuhsc.edu, Director of Basic Science Research of the Center of Excellence in Cancer Research. The position is open until filled. Application review will begin immediately.

Texas Tech University Health Sciences Center is an Equal Opportunity/Affirmative Action Employer. NW195484
Marijanna Kumerich Chair in Leukaemia & Lymphoma Research

Senior research opportunities do not come more remarkable than this.

As a result of a substantial donation, our Faculty of Medical and Health Science is set to embark on a comprehensive research programme into Leukaemia & Lymphoma biology and treatment. Central to this programme’s success is this senior academic position – a remarkable career opportunity for you and a unique chair for this area of research in New Zealand.

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As networking and collaboration will be imperative to achieving programme milestones, expect strong links with Auckland Hospital, resourcing support across the University, and unrestricted scope to leverage expertise from the wider research community.

Considering the calibre and seniority of this position, it is essential you have demonstrated international eminence in your field of study, and have been widely published in the most influential journals. While you may come to us from either a clinical or non-clinical background, you must hold a higher research degree and have a record of international invitations to conferences and professional meetings. The ability to influence policy development, and service design and delivery with respect to haematological malignancies, is equally important.

For a confidential discussion about this role please contact Professor Peter Browett ph: +64 9 923 6281, email: p.browett@auckland.ac.nz

For further information go to www.auckland.ac.nz/opportunities

The University has an equity policy and welcomes applications from all qualified persons.

CHAIR

Department of Biochemistry

Vanderbilt University School of Medicine announces a national search for the Chair of the Department of Biochemistry.

The Department of Biochemistry at Vanderbilt is among the top 5 departments in the U.S., as measured by NIH funding. Its 19 primary faculty are supported by over $35M in sponsored research and many of its faculty also serve as Directors of key institutional Centers. The Department has particular scientific strengths in chemical and structural biology, drug discovery, genome maintenance, and cancer biology.

The next Chair of Biochemistry will have exceptional scientific accomplishments and reputation, and will demonstrate the visionary leadership skills commensurate with the quality of the Department. The Chair will be prepared to devote this phase of his/her career to the advancement of the faculty, the Department, and the University. He/she will have been active in national activities, having a professional network that will be an important asset in recruitment and reputation building. The Chair will be expected to recruit as many as 12 primary faculty in the next five years, dramatically shaping the Department’s scientific focus, culture, and demographics. Successful candidates will possess a Ph.D. with a sustained record of excellence in scholarly activity in the field of biochemistry.

Korn/Ferry International is assisting Vanderbilt with this important search. Please forward, as soon as possible, nominations of appropriate candidates to: Warren E. Ross, M.D., c/o Shannon Yeatman (shannon.yeatman@kornferry.com), Korn/Ferry International, 1835 Market Street, Suite 2000, Philadelphia, PA 19103.

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DEPARTMENT OF CELLULAR AND MOLECULAR PHYSIOLOGY

Yale University School of Medicine

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The search seeks candidates whose research connects the properties of molecules to the properties of physiological systems, with particular emphasis on integrative or translational research, or research that makes use of genetic techniques. Investigators interested in the cardiovascular, respiratory, musculoskeletal, gastrointestinal, renal, endocrine or reproductive systems are especially encouraged to apply.

Excellent opportunities are available for collaborative research, as well as for graduate and medical student teaching. Candidates must hold a Ph.D., M.D., or equivalent degree. Applicants should include a curriculum vitae, a statement of research interests and goals, and three letters of reference. Applications should be emailed to leisa.strohmaier@yale.edu in PDF format.

Application Deadline: October 20, 2011

Yale University is an Affirmative Action/Equal Opportunity Employer.
Faculty Positions in Cartilage Biology/Regeneration

Mayo Clinic seeks outstanding candidates for research faculty positions in the field of cartilage biology/regeneration, a strategic priority of the institution. This is part of an coordinated, multi-department recruitment in fundamental and disease-focused areas pertinent to stem cell biology (e.g., nuclear reprogramming, developmental biology, tissue bioengineering) as they apply to the broader fields of arthritis, musculoskeletal (cartilage biology), neurologic (neuroregeneration) and cardiovascular (heart repair) diseases. We also encourage candidates utilizing interdisciplinary approaches relevant to human disease with expertise in regenerative diagnostics or therapeutics. Candidates should hold the M.D., Ph.D., M.D./Ph.D. or equivalent degree and have a demonstrated record of relevant research accomplishments as evidenced by their training, publications and peer-review funding. Appointment and rank in an academic department will be determined based on the applicant’s qualifications.

Mayo Clinic is an internationally renowned, integrated, multidisciplinary academic medical center with comprehensive programs in medical education and research, with campuses in Rochester, Minnesota; Jacksonville, Florida; and Scottsdale/Phoenix, Arizona. Mayo Clinic supports five schools spanning undergraduate, graduate, medical, postgraduate medical and continuing medical education and has a vibrant research enterprise with programs in clinical, basic and population sciences. In 2010, the institution received more than $340 million in extramural research awards.

Mayo Clinic’s location in Rochester, MN, combines the ease of small-city living with easy access to additional cultural and entertainment opportunities in nearby Minneapolis/St. Paul. Mayo Clinic offers a competitive salary, excellent benefits, and has been recognized by Fortune magazine as one of the “100 Best Companies to Work For.” To learn more about Mayo Clinic and Rochester, MN, please visit http://www.mayoclinic.org/scientist-jobs/

Interested candidates are invited to submit a cover letter, curriculum vitae and brief description of research plans to:

Email: RegenerativeMedicinePositions@Mayo.edu

TENURE-TRACK FACULTY POSITIONS

The Department of Biochemistry and Molecular Biology is planning a major expansion and is seeking applicants for several TENURE-TRACK FACULTY POSITIONS at the associate or assistant professor level. We offer a highly collaborative scientific environment with many multidisciplinary centers and state-of-the-art facilities including transgenic, in vivo and in vitro imaging, genomic, and proteomic (http://tulane.edu/som/departments/biochemistry/) cores. Candidates with research interests that complement and strengthen existing research activities (http://tulane.edu/som/departments/biochemistry/), as well as bring novel approaches and expertise in cancer signaling mechanisms, structural biology, microRNA, epigenetics, cancer stem cells, medicinal chemistry, chromosome dynamics, or genetic/disease model systems are encouraged to apply. Successful applicants will be expected to develop strong and independent extramurally funded research programs, and participate in graduate and medical student teaching. Highly competitive salaries, start-up funds and laboratory space will be provided. Applicants must have a Ph.D., M.D. or equivalent degree, post-doctoral experience, and clear evidence of research productivity and independence. The search committee will begin consideration of applications immediately and continue until positions are filled.

Applicants should submit curriculum vitae, a brief summary of past accomplishments and future research plans, and the names and email addresses of five references by email to: biochem@tulane.edu or by mail to:

The Faculty Search Committee
c/o Gilbert Estrada
Department of Biochemistry and Molecular Biology SL43
Tulane University Health Sciences Center
1430 Tulane Ave.
New Orleans, LA 70112

Tulane University is an Affirmative Action/Equal Opportunity Employer and encourages applications from minorities, women, and other qualified persons.

POSTDOCTORAL OPPORTUNITIES

Opportunity for Postdoctoral Fellowship 2012/2013

The Azrieli Fellows Program welcomes the best and the brightest postdoctoral scholars who wish to undertake postdoctoral research in Israel. The time candidates spend conducting research in Israel will provide them with valuable tools to realize their professional goals through collaborative association with Israel’s world-class academic institutions and researchers.

The fellowships are awarded on the basis of academic excellence. Candidates are assessed on their potential to make cutting-edge contributions to their respective fields. Aspects of personal merit and leadership abilities are also taken into consideration without regard to race, religion, gender, ethnicity or age.

Eligibility:

The Azrieli Fellows Program is currently open to scholars in any field of study who are:

• at the postdoctoral level,
• Canadian citizens or who have completed their doctorate at a Canadian university,
• able to obtain an academic sponsor who is a faculty member at one of the seven participating Israeli academic institutions.

Participating Israeli Institutions:

Bar-Ilan University | Ben-Gurion University | Technion-Israel Institute of Technology | Tel Aviv University | The Hebrew University of Jerusalem | University of Haifa | Weizmann Institute of Science

For more information and to apply, please visit our website at: www.azrielifoundation.org
AAAS is here –

AAAS is helping the Rwandan government rebuild its educational infrastructure as a way to help drive economic growth and development. By providing materials such as the Project 2061 Atlas of Science Literacy, lesson plans from Science NetLinks, and access to Science digital libraries, AAAS is helping the people of Rwanda work toward a future built around science and technology. As a AAAS member your dues support these efforts. If you're not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit

aaas.org/plusyou/rwanda

AAAS + U = Δ

FACULTY POSITION AT VANDERBILT UNIVERSITY IN DEVELOPMENTAL GENETICS

The Department of Biological Sciences at Vanderbilt University seeks candidates to fill a tenure-track, assistant professor faculty position in developmental genetics. Candidates will be considered in all areas of developmental biology using any genetic model. We desire candidates whose research broadly overlaps and complements existing areas of interest within the department ([http://sitemason.vanderbilt.edu/biosci](http://sitemason.vanderbilt.edu/biosci)). For information about developmental biology at Vanderbilt, see [http://www.mc.vanderbilt.edu/devbio/](http://www.mc.vanderbilt.edu/devbio/). The central criteria for the position are excellence in research and the ability to teach undergraduate and graduate students with a high level of effectiveness.

Applicants should send a PDF containing a letter of application, curriculum vitae, and a statement of current and future research interests to angela.thomason@vanderbilt.edu. Applicants should also arrange for three letters of recommendation to be sent to the same email address. Review of applicants will begin November 1, 2011, and will continue until the position has been filled.

Vanderbilt University is an Affirmative Action/Equal Opportunity Employer. Women and under-represented minority candidates are especially encouraged to apply.

FACULTY POSITION

DEPARTMENT OF PHARMACOLOGY

The Department of Pharmacology invites applications from outstanding scientists for a tenure track position at the Assistant Professor rank. A competitive laboratory start up package will be provided to the successful candidate to support the development of an independent, funded research program in drug discovery, medicinal chemistry, nanomedicine, combinatorial chemistry, pharmacogenomics or other areas broadly relevant to pharmacology. Candidates should have a Ph.D. and/or M.D. degree and postdoctoral experience as well as a strong record of research accomplishments. Baylor College of Medicine is located in the Texas Medical Center and offers a highly interactive environment and a strong infrastructure for research. Review of applications will occur as they are received, however, completed applications should be received by November 1, 2011.

Applicants should submit a statement of research interests and curriculum vitae as a single PDF to pharmacology@bcm.edu. Three letters of reference should be sent separately to pharmacology@bcm.edu. Attention: Timothy Palzkill, Ph.D., Chair, Department of Pharmacology, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030.

Baylor College of Medicine is an Equal Opportunity/Affirmative Action And Equal Access Employer.
Faculty of Medicine

The University of Zurich invites applications for a position as

Tenure-Track Assistant Professor in Biochemistry/Structural Biology

The University of Zurich is committed to further strengthening its research efforts in protein science, particularly structural biology. It provides a stimulating and attractive environment for interdisciplinary research at the highest international level. Creative researchers with a proven track record who use X-ray crystallography in the context of innovative approaches and important biological problems are encouraged to apply.

The Department of Biochemistry is located on the Irchel campus, the location of the science and preclinical departments of the University. The Department also maintains strong ties in research and teaching with the science departments of the ETH Zurich and the Paul-Scherrer-Institute, which operates the Swiss Synchrotron Light Source for structural studies of biomolecules.

The position is accompanied by an attractive startup package, including funding for coworkers, consumables and equipment. Tenure evaluation is after 6 years. The new professor will be expected to contribute to teaching. Applications including a curriculum vitae, a list of publications, a detailed description of future research plans, and a list of potential referees should be received no later than November 15, 2011 by:

The Dean, Professor Dr. Dr. K. W. Grätz, Pestalozzistrasse 3/5, CH-8091 Zurich, Switzerland. (Guidelines for submission of applications: www.med.uzh.ch/FormulareundRichtlinien/Bewerbung/application_form.doc)

For additional information, see www.bioc.uzh.ch or contact Prof. Andreas Plückthun (plueckthun@bioc.uzh.ch)
University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich.

The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.

TWO ASSISTANT PROFESSOR POSITIONS
UNIVERSITY OF NEBRASKA-LINCOLN (UNL)
SCHOOL OF BIOLOGICAL SCIENCES

The School of Biological Sciences continues to expand its faculty and invites nominations and applications for two tenure-track, Assistant Professor positions.

Algal/Microbial Molecular Biology. This academic-year position will be supported in part by a National Science Foundation Experimental Program to Stimulate Competitive Research (EPSCoR) Grant. We seek a broadly trained molecular/microbial biologist who will conduct vigorous basic research using an algal system to address significant cellular, metabolic or physiological processes and employ modern ‘omics’ technologies for uncovering gene function and system-level pathway analyses. The successful candidate will be part of an interdisciplinary team addressing the underlying basic biology of eukaryotic algae and how those findings can be exploited for the production of biofuels or other high-value products. The successful candidate will be housed in the George W. Beadle Center, which includes state-of-the-art core facilities in proteomics, metabolomics, genomics, crystallography, bioimaging, flow cytometry, bioinformatics, biophysical spectroscopy, and trace element analysis. A PhD (or equivalent) in molecular biology, biochemistry, microbiology, cell biology or related field and two years postdoctoral experience (or equivalent) is required.

Ecological Modeling. For this academic-year position we seek an ecologist with expertise in mathematical/simulation modeling. Research can be in either a basic or applied context in natural or human-dominated systems, addressing questions in conservation biology, disease dynamics, ecological risk assessment, or other areas of population, community or ecosystem ecology. The interdisciplinary position would build on the existing interactions between the School of Biological Sciences, Dept of Mathematics, School of Natural Resources, and Dept of Computer Science and Engineering through the applicant’s interests in mathematical biology, ecosystem management, environmental policy, human dominated ecosystems or distributed sensor networks. The successful candidate is expected to develop strong collaborations and in so doing contribute significantly to UNL’s Life Sciences Initiative. A PhD (or equivalent) and experience in mathematical modeling and/or computer programming is required.

Both positions are part of the strategic plans of UNL, the College of Arts and Sciences and the School of Biological Sciences directed to strengthen the life sciences. It is expected that the successful candidates will establish nationally recognized and extramurally funded research programs and contribute to the undergraduate and graduate teaching missions of the School of Biological Sciences.

Both positions come with highly competitive start-up packages. Lincoln Nebraska boasts an outstanding quality of life that includes fine culinary and artistic treasures, a budding live music scene and numerous parks, golf courses and bike trails. In 2008, WebMD reported that Lincoln was the healthiest city in the United States.

To learn more about the University of Nebraska and the School of Biological Sciences, visit http://biosci.unl.edu. Applicants should go to http://employment.unl.edu, search for requisition number 110506 and 110596 respectively, complete the Faculty Academic/Administrative Information form, attach a letter of application, Curriculum Vitae, a statement of research plans, and statement of teaching interests. Applicants must arrange for three confidential letters of reference to be sent directly to: Search Committee, School of Biological Sciences, University of Nebraska, 348 Manter Hall, Lincoln, NE 68588-0118, USA or by e-mail to biologysearch@unl.edu. Review of applications will begin on September 15, 2011 and continue until the positions are filled or the search is closed.
Who is #1 this year?

*Science* publishes its 10th annual Top Employers Survey on October 7, 2011. *Science* has a long history of providing a forum for scientists to express their opinions about the biotech and pharma industry.

**Advertise in this issue to reach both ACTIVE and PASSIVE job seekers. Here's how:**

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3. This issue will be distributed to attendees at the American Society of Human Genetics meeting in Montreal, so you reach beyond *Science*’s 700,000 weekly readers.

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2011 Annual Top Employers Survey
Special Career Feature: October 7, 2011
Reserve your ad by September 20 to guarantee space*

*Ads accepted until October 3 if space is still available

Over 98,000 Science print readers work in industry—reach these passive job seekers!**
Assistant Professor of Evolutionary or Ecological Genomics

The Department of Evolution, Ecology, and Organisal Biology (EEOB) invites applications for a TENURE-TRACK POSITION at the Assistant Professor Rank in Evolutionary or Ecological Genomics. We seek outstanding individuals who address fundamental questions in evolution and/or ecology either through the generation of large-scale sequence or gene expression data or by using either computational/statistical approaches for the analysis of genomic data. Researchers studying non-model systems are strongly encouraged to apply. This position builds on our established strengths in population genetics, systematics, and model-based studies of evolution, and will expand the scale and scope of research on evolutionary processes in EEOB. The successful applicant will have a Ph.D., preferably with postdoctoral experience, and will be expected to develop a strong, externally funded research program, train graduate students, and contribute to undergraduate and graduate teaching. Find additional information about OSU at www.osu.edu or about EEOB at eeb.osu.edu. For questions about the position, contact Dr. Lisle Gibbs (gibbs.128@osu.edu, (614) 688-3861), Chair of the search committee. The position will begin 1 October 2012.

Applicants should submit a cover letter, current CV, and statements of research and teaching interests, preferably as a single pdf file, and have three letters of reference sent to Ms. Corey Ross at ross.629@osu.edu.

Review of applications will begin on 12 October 2011 and continue until a suitable candidate is identified.

Women, minorities, veterans, and individuals with disabilities are encouraged to apply. EEO/AA Employer.

AQUATIC MICROBIAL ECOLOGIST

Baylor University is pleased to accept applications for a new tenure-track Assistant Professor strategic hire within the Department of Biology and associated with the Center for Reservoir and Aquatic Systems Research (CRASR) to begin August 2012. Candidates in aquatic microbial ecology or aquatic microbiology who use molecular techniques to study the ecology of microorganisms and their relationship to the environment and/or human health are encouraged to apply. A strong interdisciplinary research focus is essential. For full consideration applications must be received by November 15, 2011. Additional information is available at http://www.baylor.edu/hr/index.php?id=79678 or from Ryan_S_King@baylor.edu.

Chartered in 1845 by the Republic of Texas, Baylor University is the oldest university in Texas and the world’s largest Baptist University. Baylor’s mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. Baylor is actively recruiting new faculty with a strong commitment to the classroom and an equally strong commitment to discovering new knowledge as Baylor aspires to become a top tier research university while reaffirming and strengthening its distinctive Christian mission as described in Baylor 2012.

Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Employment Opportunity Employer, Baylor encourages minorities, women, veterans, and persons with disabilities to apply.

Nontraditional Careers: Opportunities Away From the Bench Webinar

Want to learn more about exciting and rewarding careers outside of academic/industrial research? View a roundtable discussion that looks at the various career options open to scientists across different sectors and strategies you can use to pursue a nonresearch career.

Now Available On Demand www.sciencecareers.org/webinar

Produced by the Science/AAAS Business Office.
OPEN FACULTY POSITIONS

Due date for all application materials is 15 October 2011. The Chemistry Department at Boston College invites applications for two open tenure-track positions to be effective in the fall of 2012. Applicants will be evaluated on their potential to establish a prominent, externally funded research program and to excel in teaching both at the graduate and undergraduate levels. Successful applicants will join a department of approximately 125 doctoral students, 30 postdoctoral fellows, 200 undergraduate majors, and an internationally recognized faculty. Individuals with expertise that complements other faculty in the department are encouraged to apply.

ASSOCIATE PROFESSOR OF CHEMICAL BIOLOGY (broadly defined) requires a Ph.D. in Chemistry, Biochemistry, or related areas and postdoctoral experience in areas of chemical biology specialization. Must have published in refereed journals and demonstrated the ability to perform independent research.

ASSISTANT PROFESSOR OF EXPERIMENTAL PHYSICAL CHEMISTRY (broadly defined) requires: a Ph.D. in Chemistry, Physics, or related areas and postdoctoral experience in areas of physical chemistry specialization. Must have published in refereed journals and demonstrated the ability to perform independent research.

DEPARTMENT OF CHEMISTRY
Yale University

The Department of Chemistry at Yale University invites applications for a tenure-track position at the ASSISTANT PROFESSOR level to commence July 1, 2012. We seek applicants who show promise for developing outstanding research programs and who will consider applications in any area of chemistry. Particular focus will include the areas of inorganic and physical chemistry. Applicants should send their curriculum vitae, a statement of research interests, three letters of reference, and a cover letter. Send all materials to: Professor John Milton, Department of Chemistry, 418 Prospect Street, Yale University, New Haven, CT 06520. Applications that arrive by November 15, 2011, will receive full consideration.

POSTDOCTORAL POSITION

Funded by our National Institutes of Health Chemosensory Training Program (CTP) training grant; starting Fall 2011 or Spring 2012, at Florida State University; with: Drs. Robert Contreras, Lisa Dufour, Delba Knight, and Michael Meredith. Information on research areas at website: http://www.chem.fsu.edu. Send curriculum vitae, three letters of reference, and a statement of research interests, as e-mail attachments to: Michael Meredith, CTP Director, Program in Neuroscience, KIN 3011, Florida State University, Tallahassee FL 32306-4295. E-mail: mmr@emerald.fsu.edu. Candidates must be U.S. citizens or permanent residents.

POSTDOCTORAL POSITIONS

In functional Morphology or Biomechanics W. M. Keck Science Department Claremont McKenna, Pitzer, and Scripps Colleges

The W. M. Keck Science Department invites applications for a tenure-track appointment in Biology with an emphasis in animal (either vertebrate or invertebrate) functional morphology or biomechanics at the ASSISTANT PROFESSOR level to begin July 2012. The department, which houses the biology, chemistry, and physics faculty for Claremont McKenna, Pitzer, and Scripps Colleges (three of the five undergraduate Claremont Colleges), offers innovative and interdisciplinary programs in the natural sciences and prides itself on small class sizes. Many faculty members participate in interdisciplinary research projects, both within the department and with research groups at nearby colleges and universities. We seek an organizational biologist committed to excellence in teaching and to working within a cross-disciplinary and integrative department, who will develop a vibrant research program that fully engages undergraduate students. We are especially interested in applicants whose work explores form and function in an ecological or evolutionary context and incorporates quantitative and/or computational techniques, including phylogenetic approaches. The position will involve teaching a vertebrate anatomy course with laboratory, participation in the introductory biology sequence, and the opportunity to develop advanced undergraduate and nonmajors courses in the candidate’s field. A Ph.D. degree, postdoctoral experience, and a record of scholarly publication are required.

Please apply online at website: https://webapps.caltech.edu/jobs and send an abbreviated version of your curricular vitae, a statement of proposed research, a statement of your proposed approach to teaching biology in a liberal arts setting, and names and e-mail addresses of at least three references to: Professor John Milton, Department of Biology, Claremont Colleges, Claremont, CA 91711. Applications that arrive by November 15, 2011, and the position will remain open until filled.

The Keck Science Department at Claremont McKenna, Pitzer, and Scripps Colleges is an Equal Opportunity Employer. In continuing our efforts to enrich our academic environment and provide equal educational and employment opportunities, we encourage applications from women and members of historically under-represented social groups in higher education.

POSTDOCTORAL POSITIONS

Bacterial Pathogenesis University of California, Berkeley Postdoctoral positions are available in the Division of Infectious Diseases, University of California, Berkeley. Qualified applicants must have a Ph.D. and will actively contribute to an existing research program with an interest in cellular and molecular biology of host-intracellular bacteria interactions, disease modeling, and genetic tools and systems. More information on the laboratory’s research interests can be found at website: https://www.lbl.gov/labg/4545. Interested candidates should send curriculum vitae and cover letter electronically to: Dr. Christopher B. Newgard, Director, University of California, Berkeley, 1062A Bldg. 66, Berkeley, CA 94720-3112. E-mail: chrisnewgard@berkeley.edu. The University of California, Berkeley is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL OPPORTUNITIES in computational and systems biology in the Center for Genome Dynamics at The Jackson Laboratory (website: http://www.genomedynamics.org). Center investigators use computation, mathematical modeling, and statistics to understand the genetics of complex traits. Requires Ph.D. or equivalent in quantitative field such as computer science, applied mathematics, or statistics, and a demonstrated interest in a research area in biological sciences with strong quantitative background. Programming experience recommended. More details at website: http://www.jax.org/careers (Job ID 2311). The Jackson Laboratory is an Equal Opportunity Employer/Affirmative Action Employer.

ASSISTANT PROFESSOR

Department Of Chemistry

The Department of Chemistry at the University of Chicago invites applications from outstanding individuals for the position of ASSISTANT Professor of Chemistry. This search is in the broadly defined area of organic, inorganic, physical, materials chemistry, and chemical biology/biophysical chemistry. Applicants must apply online to the University of Chicago Academic Careers website.


Applications must upload a cover letter, curriculum vitae with a list of publications, a succinct outline of research plans, and a one-page teaching statement. The successful candidate must have a Ph.D. in Chemistry or a related field. In addition, three reference letters will be required. Review of completed applications will begin October 1, 2011; ensure full application material should be submitted by that date.

The University of Chicago is an Affirmative Action/Equal Employment Opportunity Employer.

FELLOWSHIP/EMPLOYMENT OPPORTUNITY IN METABOLOMICS
The Sarah W. Stedman Nutrition and Metabolism Center at Duke University and Agilent Corporation announce a collaborative fellowship opportunity. The successful applicant will work at Duke with a highly productive academic metabolomics laboratory and assist in development and application of advanced methods in metabolomics to a set of basic and clinical/translational research projects. The applicant should have the minimum of a Master’s degree with a Ph.D. degree preferred, and should have significant experience in mass spectrometry-based molecular profiling and/or computational methods used in such studies. The fellowship has a two-year term, but longer-term employment is also possible based on performance, and on the evolving needs of the laboratory. Please submit applications by e-mail, including a current curriculum vitae and list of three references, to: Dr. Christopher B. Newgard, Director, University of California, Berkeley, 1062A Bldg. 66, Berkeley, CA 94720-3112. E-mail: mortonda@ohsu.edu.

Duke University is an Equal Employment Opportunity/Affirmative Action Employer. We value diversity in all of its many facets and meanings.

POSTDOCTORAL POSITION in Drosophila Neurobiology

Available immediately at Oregon Health & Science University in Portland, Oregon. To use imaging techniques to develop the methodology to monitor activation and cyclic guanosine monophosphate (cGMP) increases in sensory neurons containing the oxygen-sensitive guanylyl cyclases that mediate hypoxia-driven behaviors in Drosophila larvae (see Genetics 186:183-196, 2000). Experience in fluorescence microscopy is essential and experience in Drosophila neurobiology is preferred. Please send your curriculum vitae, three letters of recommendation, and a cover letter explaining career goals to David B. Morton at: e-mail: mortonda@ohsu.edu.

We are looking for a POSTDOCTORAL SCIENTIST with a strong background in quantitative methods, including mathematical modeling, advanced statistical analysis (linear models), and database management. Preference is for someone with experience in a research team focused on epidemiology and pathobiology of endemic infectious diseases in cows. Experience with the dairy industry and a veterinary background are preferred. Please contact Ynte Schukken for more information. E-mail: yschukken@cornell.edu.
"GAGNA A. & CH. VAN HECK PRIZE - 2012"

Application field:
The "Gagna A. & Ch. Van Heck Prize" will be awarded to a scientist or a medical doctor, in recognition of a body of research work which has contributed to the treatment of a disease currently incurable, or which has raised hopes for curing the disease.

Amount:
The Prize will amount to 75,000 €.

Nominations:
This triennial and international Prize, awarded for the fourth time in 2012, is reserved for a work submitted by one or two researcher(s).
Nominations must be sent to the Secretary general of the "Fonds de la Recherche Scientifique - FNRS", rue d'Egmont 5, BE - 1000 Brussels, Belgium, by October 3, 2011.
The personality proposing the nomination must provide a memorandum written in English on the candidate’s merits.

Regulations:
The complete regulations can be obtained from the secretariat of the "Fonds de la Recherche Scientifique - FNRS", rue d'Egmont 5, BE - 1000 Brussels, Tel.: 32 (0) 2.504.92.11, Tel. Prize: 32 (0) 2.504.92.40, Fax Prize: 32 (0) 2.504. 92.10, E-mail Prize: chantal.mairesse@frs-fnrs.be, Website: www.frs-fnrs.be

Deafness Research Foundation

DRF is embarking on the Hearing Restoration Project, an innovative venture to restore hearing by biological repair and/or replacement of cells and tissues in the damaged or diseased inner ear. We will assemble a highly qualified team of scientists to work together to conduct critical experiments. Join our consortium of scientists who will meet regularly, propose new approaches and together design experiments to bring ideas to practical fruition. DRF is particularly interested in attracting established scientists with novel and innovative approaches into this exciting field.

Funding for attendance at meetings and conducting experiment will be provided by DRF. Scientists with experience and funding in the regulation of cell phenotype, tissue regeneration, and related fields are encouraged to apply. All applicants must have a current academic appointment, appropriate laboratory space and extramural funding. Please complete the application form found at www.drfrf.org/hrp and send along with current Curriculum Vitae, and a short statement of your qualifications and a description of how you could contribute to this effort to hpr@drfrf.org.

Selection of consortium members (maximum ~15, plus invited associate members) will be subject to rigorous review, to assure that the highest quality research results from this effort. Experiments funded by the DRF will be chosen and performed following consortium-driven discussion and ranking.

Department of Veterans Affairs
Office of Research and Development
Biomedical Laboratory Research and Development Service

2010 William S. Middleton Award

Was presented to:
Joe Brice Weinberg, M.D.
VA Medical Center, Durham, NC

The Middleton Award is the Biomedical Laboratory Research and Development Service’s highest scientific honor, awarded annually to a senior VA investigator for accomplishments in areas of prime importance to the VA’s research mission.

Weinberg was especially honored for his contributions to our understanding of resistance to infections, pathways of inflammation, and regulation of normal and leukemic blood cells. The award also recognizes his exemplary record of service to the VA and to the biomedical profession.
RESEARCH ASSOCIATE (GRANT WRITER)

The University of Pittsburgh is recruiting a Research Associate for our newly established Research Section that includes faculty interests in neurotrauma, oncology, vascular disease, movement and behavioral disorders, neurodegenerative disorders, and pain and spinal disorders. Successful candidates should have a Ph.D. and strong English-language writing skills. Duties predominantly will entail grant writing. No independent research effort is anticipated.

Salary is competitive and commensurate with training and experience. In order to insure full consideration, applications must be received by October 15, 2011. Send inquiries to:

Robert M. Friedlander, M.D.
Chairman
Department of Neurological Surgery
University of Pittsburgh Medical Center
Pittsburgh, PA 15213
E-mail: dudekgl@upmc.edu

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.

POSTDOCTORAL FELLOW

Postdoctoral position available in Dr. Savinov’s laboratory at Sanford Research/University of South Dakota, Sioux Falls, South Dakota; (see websites: http://www.sanfordproject.org or http://www.sanfordresearch.org/ResearchCenters/SanfordProject/SavinovLab/Index.cfm) with focus on immunogenetics of Type 1 Diabetes (T1D). Selected applicant will study molecular mechanisms underlying initiation and progression of T1D-associated autoimmunity (See Drug Discovery Today 15(13-14):531-6, 2010; J Clin Invest, 116:606-11, 2007; J Exp Med, 197(5):e43-56, 2003). Opportunity to contribute to preclinical studies of beta cell regenerative mechanisms also exists. Doctoral degree or equivalent with background in immunology, cellular and molecular biology. Experience with beta cell biology, molecular genetics, and bioinformatics is a definite plus. Submit curriculum vitae, statement of research interests and experience, and references to Dr. Alexei Savinov at e-mail: Alexei.Savinov@sanfordhealth.org.

ASSISTANT PROFESSOR

The Department of Biological Chemistry at the University of Michigan (UM) seeks applications from outstanding junior investigators for a tenure-track position as an Assistant Professor. The Department will consider candidates whose research encompasses biochemical approaches to broad areas of molecular, cellular, neuro- and developmental biology, and metabolism. Ideally, the research program of the successful applicant will complement existing strengths in structural enzymology, protein folding and processing, biochemical signaling, and reagents of gene expression. Qualifications include a Ph.D. and/or M.D. and a minimum of two years of postdoctoral research. The successful candidate will perform biochemical research, train pre-doctoral students and postdoctoral fellows, and participate in the classroom teaching and service activities of the Department.

The Department of Biological Chemistry currently has 45 active tenured and tenure-track faculty (including joint appointees) and is in the midst of an expansion phase. There are many opportunities for scientific interactions within the department and across the UM campus. For further information, see website: http://www.biochem.med.umich.edu/.

Applications should be assembled into a single PDF and should include a cover letter, a National Institutes of Health Biosketch, curriculum vitae, and a Research Plan; the Research Plan must be limited to three pages. All materials should be sent electronically to Amanda Howard (e-mail: amanhowa@umich.edu) or sent as hard copies to: Junior Faculty Search Committee, c/o Amanda Howard, Department of Biological Chemistry, 3935 Hollander Lab, 1309 Medical Drive, University of Michigan Medical School, Ann Arbor, MI 48109-0606. Three letters of reference are also required, and these should also be addressed to Amanda Howard. The application review process will begin October 15, 2011 and continue until the position is filled.

The University of Michigan is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR

Experimental Physical Chemistry
Princeton University
Department of Chemistry

The Department of Chemistry at Princeton University invites applications for a tenure-track assistant professor position in experimental physical chemistry. Candidates should have a strong commitment to research and teaching at the undergraduate and graduate levels, and are expected to have completed the Ph.D. in chemistry or a related field at the time of appointment. Applicants should submit a description of research interests, curriculum vitae, a list of publications, and three letters of recommendation online at website: http://jobs.princeton.edu/applicants/Central?quickFind=61114. The search committee will begin review of applications on October 17, 2011 and will continue until the position is filled.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.

ASSISTANT PROFESSOR, ALL AREAS
Princeton University
Department of Chemistry

The Department of Chemistry at Princeton University invites applications for a tenure-track assistant professor position in all areas of chemistry. Candidates should have a strong commitment to research and to teaching at the undergraduate and graduate levels, and are expected to have completed the Ph.D. in chemistry or a related field at the time of appointment. Applicants should submit a description of research interests, curriculum vitae, a list of publications, and three letters of recommendation online at website: http://jobs.princeton.edu/applicants/Central?quickFind=61115. The search committee will begin review of applications on October 17, 2011 and will continue until the position is filled.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.

ASSISTANT PROFESSORSHIP IN CHEMISTRY
Harvard University

Candidates are invited to apply for a tenure-track assistant professorship in chemistry. We are specifically seeking individuals with research and teaching interests in inorganic chemistry or associated fields. Candidates should arrange to have three letters of recommendation sent independently and provide curriculum vitae, statement of teaching philosophy, list of publications, and outline of their future research plans. A strong doctoral record is required. Applications and supporting materials must be submitted via website: http://academicpositions.harvard.edu/postings/3694. The deadline for receipt of applications and supporting materials is October 15, 2011. Harvard University is an Affirmative Action, Equal Opportunity Employer. Applications from and nominations of women and minority candidates are strongly encouraged.

FACULTY POSITION IN BIOPHYSICS
The Johns Hopkins University School of Medicine

The Department of Biophysics and Biophysical Chemistry (website: http://biophysics.med.jhu.edu) seeks outstanding candidates for a faculty position at the ASSOCIATE, ASSOCIATE, or FULL PROFESSOR level. Applications are sought in all areas of experimental and computational biophysics and bio-physical chemistry. Priority will be given to applications received by November 1, 2011. Please submit electronic versions (PDF format) of curriculum vitae, a summary of current and proposed research (three pages) and arrange to have three letters of recommendation (only for assistant and associate-professor level applicants) sent to e-mail: biophysics-search@jhu.edu. The Johns Hopkins University is an Equal Opportunity Employer.

POSTDOCTORAL POSITION

GERMLINE STEM CELLS

Studies include culture, differentiation, and gene activity of male germline stem cells. See Science 316:404, 2007 and PNAS 106:21672, 2009. Send curriculum vitae, names of three references, and a letter describing research experience to: R. L. Brinster, School of Veterinary Medicine, University of Pennsylvania. E-mail: cpoce@vet.upenn.edu.

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