POSTDOCTORAL FELLOWSHIP in Bioinformatics and Statistics

The Center for Bioinformatics of the U.S. FDA’s National Center for Toxicological Research (NCTR) seeks qualified postdoctoral candidates in the field of bioinformatics with emphasis on study of drug-induced liver injury. The position is open immediately. The position requires a diverse range of expertise in data mining, machine learning, statistics, and biology. The successful candidates need to have a Ph.D. degree in either bioinformatics/computational biology or toxicology with experience in bioinformatics. The candidate must possess experience in analyzing data for microarray gene expression and next generation sequencing. Knowledge in toxicology, in general, and hepatotoxicity in particular will be highly beneficial. The starting salary is $57,000. U.S. citizenship or permanent resident alien status (not H-1 visa holder) is preferred. However, other applicants with Optional Practical Training (OPT) or H-1 holder willing to convert to J-1 status are also considered. The foreign candidates can apply for J-1 visa.

To express your interest in this position, electronically send or mail your curriculum vitae, the names and contact information of two references, and a statement of research interests (maximum two pages) to:

Weida Tong, Ph.D.
Director, Center for Bioinformatics
FDA/NCTR, 3900 NCTR Road, HFT-130,
Jefferson, AR 72079
E-mail: weida.tong@fda.hhs.gov
Telephone: 870-543-7142

NCTR, located 35 miles south of Little Rock, Arkansas, is a research center of the FDA, U.S. Department of Health and Human Services. The mission of NCTR is to conduct peer-reviewed scientific research that supports and anticipates FDA’s current and future regulatory needs. NCTR is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH POSITIONS
San Diego State University
Heart Institute—SDSU Research Foundation

The San Diego State University Heart Institute is recruiting POSTDOCTORAL FELLOWS to work in a dynamic, state-of-the-art cardiovascular cell and molecular biology research setting in the laboratory of the Institute Director Dr. Chris Glembotski, studying roles for heart-derived secreted cytokines (cardiomyokines) on cardiac protection and repair. Applicants should have a Ph.D. in a relevant field, demonstrated expertise in basic cell and molecular biology, including methods to examine gain- and loss-of-gene function in culture and animal models of heart disease, excellent communication skills, a record of peer-reviewed journal publications, and the desire and ability to write and submit competitive research grant applications. Salary is commensurate with experience; excellent benefits. Applicants should submit a cover letter, curriculum vitae, and a description of research experience and professional goals with the application for Job #100120 at website: https://jobsfoundation.sdsu.edu or call telephone: 619-594-5703, Equal Employment Opportunity/Affirmative Action/Title IX Employer.

POSTDOCTORAL AND STAFF POSITIONS
The RNA Institute
University at Albany

Several Postdoctoral Associate and Laboratory Manager positions are open in the Agris and Fabris Laboratories within the recently established RNA Institute of the University at Albany (State University of New York). Applicants are sought with expertise in any of the following areas: (a) molecular cytology, bioinformatics, and experience in RNA and protein expression; (b) modern high-field nuclear magnetic resonance instrumentation; (c) mass spectrometry and hypenated separation techniques; or (d) structural biology with experience in restrained molecular dynamics calculations. See complete ads at website: http://www.albany.edu/rna/employment.shtml.

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RESEARCH ASSOCIATE AND POSTDOCTORAL POSITIONS in Cancer Population Genetics and Genomics, Memorial Sloan-Kettering Cancer Center, Starting Fall 2010

Focus on inherited susceptibility to cancers of the breast, ovary, colon, prostate, and lymphoma. Methodologies include whole-genome association studies, candidate gene association, and full sequencing approaches (see PubMed identifiers: 19997887, 18326623). Applicant must have strong background in population genetics and laboratory experience with high throughput genotyping. Send applications and three letters of reference to: Kenneth Offit, M.D., M.P.H., Clinical Genetics Service, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, Box 192, New York, NY 10021. Fax: 646-888-4081; e-mail: offitk@mskcc.org. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer with a strong commitment to enhancing the diversity of its faculty and staff. Women and applicants from diverse racial, ethnic, and cultural backgrounds are encouraged to apply.

POSTDOCTORAL POSITION
Harvard Medical School Computational Biology and Bioinformatics. Qualifications: (i) Ph.D. in bioinformatics, biostatistics, computer science, or related fields; (ii) familiarity with molecular biology and genomics; (iii) strong programming skills (R, C++, Python); and (iv) proficiency in microarray software Bioconductor, dChip, and GenePattern. Working at the interface of biology, statistics, and computing, the candidate will analyze high throughput gene expression microarray data in cancer genomics. The goal is to develop novel data analysis algorithms and software and to identify genomics signatures in cancer patients and tumor-bearing mice. Please send curriculum vitae, a career statement, and three letters of reference to: Dr. A.I. Kassis, HMS, Armenise Building, 200 Longwood Avenue, Boston, MA 02115. E-mail: amin.kassis@hms.harvard.edu. An Equal Opportunity/Affirmative Action Employer.

We are looking for highly motivated POSTDOC TORAL candidates who are interested in metal-induced oxidative stress, carcinogenic signal transduction, and cancers of the lung, skin, and colon. Our research focuses on: (1) the molecular mechanisms of metal toxicity and carcinogenesis and (2) the antioxidant properties of various naturally occurring compounds and to develop them as chemopreventive agents. Please send your curriculum vitae and names of three references to e-mail: zzhand@uky.edu with the subject Reply to Postdoctoral Ad.

Positions of POSTDOCTORAL/RESEARCH ASSOCIATES are available in the mechanism-based cancer prevention and molecular mechanisms of chemical carcinogenesis in the laboratory of Xianling Shi, University of Kentucky. Send curriculum vitae to e-mail: xianglin.shi@uky.edu.
The World Is Your Lab on a Postdoc or Sabbatical Abroad

Graduate students dream of it and tenured professors get a shot at it every seven years. The chance to work abroad, either for postdoctoral training or a sabbatical, is “one of the unique opportunities we have in science,” says Joel Rothman, who did a postdoctoral fellowship in Cambridge, England, and a sabbatical leave in Paris, France. Scientists who have done a foreign postdoc or sabbatical say it’s the experience of a lifetime, and are eager to offer encouragement and advice. By Chris Tachibana

“I went for the animals, and didn’t expect to have any interest in the people, but now I feel like I’m needed by the animals and the people.”

Kate Jackson removing a snake from a net in a swamp in the Republic of Congo.

Doing research in a foreign country begins with finding a suitable lab. Professors looking for an overseas sabbatical lab can rely on their established network, but graduate students looking for a postdoc abroad must create a connection to the international community. Talking at an international meeting makes you visible, and may even get you an offer on the spot. Elke Küster-Schöck was a graduate student at Friedrich-Alexander-Universität Erlangen-Nürnberg, when she attended a Cold Spring Harbor Laboratory meeting in New York. “It was a small enough conference to really meet people,” she says. “I presented my graduate work, and actively participated in the discussions. I was approached by Alan Grossman, who organized a ride to Boston for me, where I interviewed for a postdoc position in his lab at MIT [Massachusetts Institute of Technology]. I got the offer before I even went back to Germany!”

If the international community comes to you, take advantage of it. As a graduate student at the University of Oregon, Joel Rothman, chair of Molecular, Cellular and Developmental Biology at the University of California Santa Barbara (UCSB), had been considering a postdoc at the Medical Research Council (MRC) in the United Kingdom, so when a seminar speaker came from the MRC, Rothman took him out for a drink. After a long, late-night conversation, he decided that when he met the MRC’s requirement that postdocs bring their own funding, he would go. “Living in another country for a while is a fabulous experience,” he says. “The social and scientific interactions are different from what you get from just passing through at a conference.”

ADVANCE PREPARATION

Working abroad means confronting a country’s immigration system, and this often comes with at least a little bureaucracy. Küster-Schöck, who moved to Montreal, Canada, after her postdoc in the United States says, “Each country confronts newcomers with a dazzling array of administrative hurdles to pass.” Start gathering the necessary documents and forms as soon as you know where you are going, and if you will be working at a large university or research institution, contact its international services office. Be prepared for paperwork, and waiting periods of weeks or months. Robert Eisenman recently took a sabbatical from Fred Hutchinson Cancer Research Center to work at the University of Tokyo in Japan. He says, “There were a lot of forms to fill out, but it’s the same everywhere. I got no sympathy from the foreigners in my lab who had been through the US immigration process.” While waiting for your work permits and visas, read about your new home, and if you don’t know the language, do your best to learn it. Eisenman recommends, “Know as much as you can of the history and the language of the place you’re going to. You need to at least try, or you won’t get much out of it.”

Scientists doing a sabbatical abroad may have a house and a family to consider. To help pay the mortgage at home and rent in another country, Rothman recommends services like sabbaticalhomes.com, which can help you rent your home, find a place in your new city, or even swap with another professor.

UPCOMING FEATURES

Postdoc Survey—August 27
Faculty: Small vs. Large Universities—September 10
Focus on Germany—September 24
Opportunity is Knocking – Seeking Scholars

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Arizona’s Future – America’s Future
whose sabbatical plans mirror your own. Be prepared to spend some time searching for a place to live, and don’t be afraid to ask for advice. A good resource for informal help is your new lab, where someone might be willing to recommend neighborhoods, or even to look through ads.

Rothman and his wife Molly took two children, ages 8 and 14, along on their French sabbatical at the Jacob Monod Institute, and they acknowledge the move was initially stressful for the kids. “We saw some tears in the first month,” he says, “but by the time we left, they didn’t want to leave Paris.” Finding a school is the first task for getting kids settled, and again, the locals in the lab you are visiting may be able to offer advice. Rothman adds, “If you are going to a country where you don’t speak the language, try to find a bilingual school. The one our kids went to had a lot of visiting students, and knew how to give them a positive experience.”

If you’ve been a tourist in the country where you are moving, working there will be less romantic and more realistic, but also more rewarding. Rothman says, “Living in a place is a very different experience from falling in love with it as a tourist, because you’re dealing with day-to-day life. But that’s one of the reasons to do it, to experience the real life of another culture.” Küster-Schöck had traveled in the United States as a student but said, “living there required ‘adult’ skills, like renting a house, paying taxes, opening a bank account, and getting insurance. Finding new friends is hard work, and not any easier if you don’t know the unwritten social rules in the new place. But we did find some very good friends.”

LIFE AS A FOREIGNER
To get the most out of your time abroad, explore your new culture and see the sights. This doesn’t necessarily mean traveling, though. It might mean just going out the front door. Eisenman says, “Japan had all these places we had always wanted to see, but in the end, we thought, ‘why live out of suitcases when we have this great place in Tokyo?’ By staying in our neighborhood, we got to know the people and the shops in our area, and saw what life on our street was like.”

Chris Nomura also recommends diving into your new country, and welcoming the everyday surprises. He did a postdoc at the RIKEN Institute in Tokyo after getting a Ph.D from Penn State University. “Enjoy the cultural differences,” he advises. As a fourth-generation Japanese American who had never been to Japan, he confronted a special set of these differences. “Most people assumed that I was Japanese, so when I told people, like train conductors, that I couldn’t read a map, they would shake their head and say something like, ‘kids these days....’” Still, he says, “You should try to learn the language. Even though my Japanese was less than stellar, just trying was appreciated.”

Eisenman agrees. “Whenever I said something in Japanese, they’d laugh and I’d think I’d said something wrong, but then I realized they were laughing because they were surprised and pleased.” Still, foreign scientists should be prepared for daily miscommunications. Eisenman says that misunderstandings occurred all the time, whether he was trying out his Japanese, or speaking in English, even though, in theory, everyone in the department he was visiting spoke English. “Sometimes I’d be talking to someone, thinking we were on the same page, but we weren’t even in the same book!” he says.

STAYING IN TOUCH, AND GETTING AWAY
On the other hand, talking with colleagues at home was “almost too easy,” says Eisenman. Global connectedness means professors on sabbatical can have daily contact with their lab, but may never truly get away. “Lab supervision was all by e-mail and Skype,” he says. “Actually, 30 percent of my time in Tokyo was spent working on stuff for my lab in Seattle. People on sabbatical in my lab also say they spend a lot of time working on projects from home.”

Kate Jackson also uses the reach of the Internet to connect with her research group. It is in the Republic of Congo, while her faculty office is in the United States. Jackson studies the amphibians and reptiles of Central Africa, so for her, sabbaticals abroad are absolutely necessary. Her multiple trips to the Congo are both inspiring and alarming to traveling scientists.

From Whitman College in Walla Walla, Washington, Jackson supervises herpetology graduate students at the Université Marien-Ngouabi in Brazzaville, Congo. Like Eisenman, she uses e-mail and Skype to keep in touch, long-distance. Fortunately, “the students can do a lot on their own,” she says, and they’ll need to. Jackson was slowed by malaria in 2008, and in 2009, she suffered spinal cord damage from “a virus I picked up in the Congo.” She’s currently working with a physical therapist so she can return to her Congolese group in summer 2010. This is only the latest hurdle she has overcome in doing research abroad. “How do I manage? By making every mistake possible,” she says, “from mundane things like not having a specimen-collecting permit, to having to be evacuated by medical transport with a badly infected wound, to being bitten by a cobra. There was also a civil war once.” Still, her advice is to persevere, because “it always seems to work in the end.”

And it’s absolutely worth it, she says. If you are interested in doing field science in a remote area, she says, “Just go there, that’s how I learned.” Like Jackson, you might make a connection that brings you back. She says, “I went for the animals, and didn’t expect to have any interest in the people, but now I feel like I’m needed by the animals and by the people.”

Even if you are not looking for an Indiana Jones experience, a sabbatical or postdoc overseas can be an adventure. continued »
Postdoctoral Program

The Pfizer Research and Development organization is launching an ambitious postdoctoral training program that encompasses its Research, Biotech, and Technology Units. We are recruiting highly motivated Ph.D. recipients with a demonstrable track record of scientific productivity during their graduate training. Ideal candidates will express a passion for creative research that facilitates the translation of novel biological or technological advances into innovative therapies for human diseases. Postdoctoral positions are available in the following areas:

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POSTDOC 2: SABBATICALS ABROAD

“...sometimes during the winter, we question our choice.”
— Gianni Panagiotou

Living in a new country, whether in an actual or an urban jungle, takes courage and persistence. “Doing a postdoc is hard work wherever you do it,” says Küster-Schöck. “You will be a newcomer to the lab, the institution, and maybe the field and techniques. Throw in a new city, country, and culture, and it can be pretty tough. But, as clichéd as it may sound, getting through that can be one of the best learning experiences of your life.”

COMING HOME...
Postdocs who want to return to their home country can easily apply for jobs online, although interviewing takes a little advance planning. From his postdoc in Japan, Nomura found a faculty position in the United States, at the State University of New York, College of Environmental Science and Forestry. “I either went to interviews in the United States after attending a conference there, or was flown out by the university to interview,” he says. “I do believe, though, that it is extremely difficult to get an interview in the United States if you are based overseas, unless you have something that your employer really wants.” In general, though, overseas applicants are not at a disadvantage. Rothman says, “Having run faculty searches for many years here at UCSB, I don’t think it matters where you are coming from.”

That said, Rothman notes that working in England meant he missed out on some practical training about US science that he would have gotten at an American university, like how to write an effective US grant application, and how graduate students are funded. However, he says, “That was far outweighed by the richness of my experience as a postdoc.”

...OR NOT COMING HOME
Especially for postdocs, a temporary move can turn permanent. Nomura met his wife in Japan, and says he would have stayed for the right job opportunity. After doing postdoctoral fellowships in the United States, Küster-Schöck and her husband expected to go back to Germany, but instead went to McGill University in Canada, where he got a faculty position, and she did a second postdoc before becoming manager of the university’s proteomics and genomics facilities. This meant another international move, this time with a baby, but Küster-Schöck is now settled into her second new home. “At this point, I would probably have trouble fitting in, in Germany,” she says.

No one has embraced a new country as thoroughly as Gianni Panagiotou, who visited the Danish Technical University (DTU) as a Ph.D. student from the National Technical University of Athens, Greece. Originally attracted by the state-of-the-art laboratory facilities, he found that Scandinavia suited him, and he stayed for his postdoc. He is now an associate professor at DTU, where his girlfriend, Irene Kouskoumvekaki, is an assistant professor. She is also from Greece, although the couple first met in Denmark. “We never really discussed going back,” says Panagiotou, “although sometimes during the winter, we question our choice.” To adapt to a new land, Kouskoumvekaki says, “Don’t judge things in the new country based on where you came from. It’s a new situation and you can’t make comparisons.” Scientists moving temporarily abroad may be tempted to stay, advises Panagiotou, so just in case, “have a big party with all your friends and family before you leave.”

CREATIVE BENEFITS
No matter where you end up, working abroad may have subtle scientific and personal benefits. Researchers at Northwestern University in the United States and INSEAD (European Institute of Business Administration) business school in France found that people who had lived abroad and successfully adapted to the foreign culture showed enhanced creativity in problem solving. Returning postdocs and sabbatical professors may find that overcoming the challenge of living in a new society ends up boosting their creative skills, inside and outside of the lab. “Working in another country gives you ideas and experiences that you can’t get by staying in one place,” says Kouskoumvekaki. Some things will be stressful, she notes, but “the excitement is bigger than any of the negatives, so just go for it.”

Chris Tachibana is a science writer based in Seattle, USA, and Copenhagen, Denmark.

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Two Post-doctoral Positions at the
IASS (IASS/2010/PdD/001)

Closing date: September 10th, 2010

The Institute for Advanced Sustainability Studies (IASS) is a newly formed Institute located in Potsdam and engaged in fundamental Energy and Environmental Research both from the theoretical and the experimental perspectives. One of its main activities will be the creation of the Earth, Energy and Environment (E³) section under the responsibility of Prof. Carlo Rubbia, the recently appointed IASS Scientific Director.

Among the scientific programmes on Energy and Environmental Research which will be hosted in IASS under the E³ tasks, will feature (a) the transformation of natural gas into hydrogen without CO₂ emissions, (b) the production of synthetic methanol as a substitute to oil for transport, (c) the properties and applications of natural methane caloritres, (d) advanced concepts of concentrating solar energy (CSP) and (e) the development of very long superconducting electric lines carrying electricity especially from distant, renewable energy sources.

We invite hereby applications for two post-doctoral positions within the international environment of the IASS Institute. Successful candidates are expected to operate in very close cooperation with the Scientific Director and support him in the creation of the teams for the five above mentioned specific subjects (a) to (e), each of them comprising several research fellows and in collaboration with other Institutes worldwide.

Required skills for candidates are
- a PhD in physics and/or in chemistry
- and a strong interest and eventually previous experiences in fields related to the above E³ subjects. Good knowledge in nuclear and atomic physics, chemistry, instrumentation and computing are desirable.

The first candidate is expected to have an applied physicist training, having already acquired a significant role in the development of alternatives in the field of the future energy transformations with the aim towards direct de-carbonisation processes. Previous experience both in renewable energies for electricity production (d) and alternatives to transport (e) will be considered an asset. The candidate must also be fluent in the computer programming analysis and capable of using or eventually expanding sophisticated computer codes.

The second candidate is expected to have a training in chemistry, with the ability of developing in a quantitative and practical way models and scenarios with specific focus on the constituents involved in future de-carbonized alternatives, with special consideration of the above mentioned activities (a) and (b). Previous experience will be considered an asset. He or she must demonstrate a great amount of flexibility and ingenuity in assessing various alternate options, like for instance the ones of (a) hydrogen from natural gas without CO₂ emissions, in order to produce (b) new methods for liquid de-carbonized substitutes to gasoline, eventually combined with already processed CO₂, in alternative to CCS (Carbon Capture and Sequestration). The candidate should also be fluent in thermo-dynamical data computing simulations of specific compounds.

Both candidates may contribute to the different aspects of the above mentioned novel activity related to (c), properties and applications of natural methane caloritres.

Both candidates should jointly play the role of an effective interface between the IASS Scientific Director and the E³ related teams and the research fellows which will be successively be hired and eventually with other collaborating Institutions.

They will work as team-players in a stimulating international environment in this small and newly formed Scientific Organization, giving excellent opportunities for new initiatives and innovative research.

Salary and benefits are according to the German public service pay scale E 14 TVöD Bund (annual gross income: €42,000–€60,000 depending on employment scale). The contracts are initially limited to three years with the possibility of extension. Excellent knowledge of English is required, German language is welcome, but it is not a necessary prerequisite, since most of the professional activities will be pursued at the international level. The Institute For Advanced Sustainability Studies (IASS) is an equal opportunity employer.

Interested applicants should send an application letter including curriculum vitae, list of publications, a statement on research interests and two letters of recommendation, to arrive not later than Friday, September 10th, 2010 at the following address (both in hard copy and e-mail):

IASS, Institute for Advanced Sustainability Studies e.V.
Kleist-Villa, Berliner Str. 130, 14467 Potsdam
T. +49(0)331-20194-19
e-mail: delia.salmieri@cern.ch
(application documents will only be returned if a postpaid envelope is attached)

For further information regarding the position please contact Dr. Delia Salmieri (delia.salmieri@cern.ch), T. +41 22 7676338.
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Postdoctoral Fellow Positions
The Sanford Project

The Sanford Project, an emerging translational research center focused on type 1 diabetes (T1D), seeks postdoctoral fellows to join their team at Sanford Research/University of South Dakota. Concentrating on beta cell regeneration and autoimmunity, the Sanford Project (Nature Reviews Drug Discovery, 9: 187-188, 2010; Science, 327:520-521, 2010) is funded by Sanford Health, a $400 million gift to Sanford Health by Denny Sanford, a $10 million donation from the Todd & Linda Broin family, and by extramural funding. The positions are located at the new Sanford Research Center (300,000 sq ft) in Sioux Falls, SD. An established collaboration with the Sanford-Burnham Institute for Medical Research in La Jolla, CA provides for an integrated, world class, academic research environment.

Postdoctoral Fellows in Dr. Zhiguang Guo’s laboratory will study disease underlying autoimmunity and beta cell regenerative mechanisms in mouse models of T1D (Endocrinology, 151:3049-3060, 2010) and investigate the molecular mechanisms involved in human beta cell regeneration in a transplanted mouse models. A Ph.D. or M.D. degree with background in immunology, beta cell regeneration, or cellular and molecular biology is required. Experience in T1D research, autoimmunity, beta cell biology, or islet transplant models are a definite plus.

Postdoctoral Fellows in Dr. Chen-Shian Suen’s laboratory will be involved in designing, evaluating and developing novel therapies for T1D that target several novel G protein-coupled receptors (GPCRs) involved in the regulation of incretin and insulin secretion, beta cell regeneration, and autoimmunity and inflammatory processes. A Ph.D. with experience in cellular endocrinology and/or in vivo pharmacology is required along with the ability to conduct independent research and the understanding of incretin hormone actions.

Additional information and position details can be requested by contacting the respective Principle Investigator. Zhiguang Guo (Zhiguang.Guo@sanfordhealth.org), Dr. Chen-Shian Suen (Chen.Suen@sanfordhealth.org) and Dr. Da-Qing Yang (Daqing.Yang@sanfordhealth.org).

Application materials should include: detailed curriculum vitae; cover letter; experience and expertise; and the names and contact information of three references. All applicants need to apply online at https://sanfordhealthcareers.silkroad.com/ and refer to job #216617 for Dr. Guo’s position, #216834 for Dr. Suen’s position and #216852 for Dr. Yang’s position.

www.sanfordproject.org
www.sanfordhealth.org/Research/ResearchCenters/SanfordProject

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Postdoctoral Associate
Rewiring of Gene Expression in the Meiotic State

Stony Brook University’s Center for Yeast Molecular Genetics and Cell Biology has postdoctoral associate positions available for work on a multi-investigator project to study the reprogramming of gene expression during meiosis and sporulation in the yeast S. cerevisiae and S. pombe.

Possible research topics include:
- Antisense RNA regulation and the control of mRNA stability (Dr. Janet Leatherwood)
- Developmentally programmed changes in chromatin structure (Drs. Rolf Stegmeier and Aaron Neiman)
- Regulation of transcription factors by meiotic kinases (Dr. Nancy Hollingworth)
- Rewiring of cell cycle transcriptional regulation from vegetative to meiotic cells: Mechanisms of cell cycle regulation and cell size control; co-ordination of energy metabolism and cell cycle progression (Dr. Bruce Futcher).

For a full position description, application procedures, or to apply online, visit www.stonybrook.edu/jobs (JOBS Reference # WC-S-6408-10-07-S, WC-S-6409-10-07-S, WC-S-6410-10-07-S and WC-S-6411-10-07-S).
The Faculty of Engineering, University of Alberta, in collaboration with the National Research Council National Institute for Nanotechnology (NINT), with $36.8 million in funding over six years through Alberta Innovates – Technology Futures, seeks a Scientific Director to define and lead a transformative research initiative in Nano-Enabled Biomaterials for Sustainable Living (NEBSL). The mandate is to advance and apply nanotechnology in order to create new biomaterials that can be used to address challenges and opportunities of significance to Alberta and globally. These materials may result from the programmed assembly of biomaterials, biomass conversion, and/or the utilization of naturally occurring biomaterials. This could lead to the development of environmentally compatible, high performance, nano-biomaterials for environmental sensing and remediation, energy conversion, catalysis, health monitoring and regulation, bio-refining and conversion, and value-added applications.

The Scientific Director will be the key leader of the NEBSL initiative and be responsible for defining, implementing and executing the overall research and commercialization programs. Responsibilities include providing overall leadership and management of the NEBSL initiative, teaching at the undergraduate and graduate levels, conducting, publishing and commercializing research, and supervising graduate students and research, technical and administrative staff.

The successful candidate will have demonstrated success in defining and leading initiatives of this magnitude, an internationally-recognized proven record of research achievement including significant accomplishments in the commercialization of nanotechnology advances, and hold a PhD degree in a discipline appropriate to the NEBSL initiative.

The successful candidate will be appointed at the rank of Professor with tenure in an appropriate Department within the Faculty of Engineering at the University of Alberta and will also be considered for nomination for a Canada Research Chair (Tier I) position. The NEBSL Scientific Director will have a formal association with NINT.

The University of Alberta and NINT offer extensive nanotechnology facilities and laboratories in an advanced nanotechnology research and educational environment representing an investment in excess of $250 million. The co-location of NINT on the University of Alberta campus enables seamless collaborations among faculty, industrial partners, postdoctoral fellows, and students on basic research through to commercialization outcomes.

Applications, including a statement of interest and vision, a curriculum vitae, a description of research and teaching interests, and the names and addresses (including email) of three referees, should be sent to:

Dr. David T. Lynch, Dean
Faculty of Engineering
E6-050 ETLC
University of Alberta
Edmonton, Alberta T6G 2V4
Canada
Email: nanobio@engineering.ualberta.ca

Review of applications will begin on September 1, 2010. However, the competition will remain open until the position is filled.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.
Faculty positions in Health

Michigan Technological University invites applicants for new tenure-track positions at any rank in the broad areas of health sciences and engineering. This campus-wide Strategic Faculty Hiring Initiative (SFHI) is projected to bring up to ten new faculty members to campus over a two-year period to strengthen the key focus areas of biochemistry, bioengineering, bioethics, biomaterials, biomechanics, human factors, medical informatics, cell biology, physiology, and statistical genetics.

Faculty hired through this initiative are expected to establish a vigorous, nationally competitive research program and to be committed to excellence in both undergraduate and graduate education. The application review process will begin on October 1, 2010. Details on the SFHI and application instructions are available at www.mtu.edu/sfhi. More general information on Michigan Technological University is available at www.mtu.edu.

Michigan Tech is an internationally renowned doctoral research university located in Michigan’s scenic Upper Peninsula, on the south shore of Lake Superior. Houghton provides a unique setting where natural beauty and exceptional year-round outdoor activities, culture, education, and a diversity of residents from around the world come together to share a superb living and learning experience. As part of its strategic focus, Michigan Tech is experiencing remarkable growth in research. In the last five years, research expenditures have doubled, up to $60M in 2008. The university has also recently initiated efforts to advance health-related research capabilities with the establishment of animal facilities and the formation of the Departments of Biomedical Engineering and Exercise Science, Health and Physical Education.

Michigan Tech is an ADVANCE institution, one of a limited number of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM.

Michigan Technological University is an Equal Opportunity, Affirmative Action Employer/Educational Institution. Applications from women and minorities are encouraged.

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Research Position at ICYS, NIMS, Japan

The International Center for Young Scientists (ICYS) of the National Institute for Materials Science (NIMS) is now seeking a few researchers. Successful applicants are expected to pursue innovative research on broad aspects of materials science using most advanced facilities in NIMS (http://www.nims.go.jp/eng/index.html).

In the ICYS, we offer a special environment that enables young scientists to work independently based on their own idea and initiatives. All management and scientific discussions will be conducted in English. An annual salary between 5.03 and 5.35 million yen (level of 2009) will be offered depending on qualification and experience. The basic contract term is two years and may be renewed to one additional year depending on the person’s performance. A research grant of 2 million yen per year will be supplied to the ICYS researcher.

All applicants must have obtained a PhD degree within the last ten years. Applicants should submit an application form, which can be downloaded from our web site, together with a resume (CV) and a list of publications. A research proposal on an interdisciplinary or integrated area related to the materials science should also be submitted. The application letter should reach the following address via e-mail or air mail by October 15, 2010. Visit our website for more details (http://www.nims.go.jp/icys/newicys/).

ICYS Administrative Office,
National Institute for Materials Science
Sengen 1-2-1, Tsukuba, Ibaraki 305-0047, Japan
E-mail: icys-recruit@nims.go.jp

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Faculty Position
Department of Molecular Biology
Princeton University

The Molecular Biology Department at Princeton University invites applications for a tenure-track faculty position at the Assistant Professor level in Developmental Biology. We are seeking an outstanding investigator using multicellular model systems to address fundamental questions in cell signaling, gene regulation, pattern formation, morphogenesis and/or pathogenesis. The University has a strong commitment to interdisciplinary studies, especially in the areas of systems biology, imaging, genomics, biophysics and neuroscience. The department has high level computing and microscope facilities, DNA array and high through-put sequencing technologies, mass spectrometry, modern transgenic mouse facilities and state of the art vivarium.

Applicants must have an excellent record of research productivity and demonstrate the ability to develop a rigorous research program. All applicants must have a Ph.D. or equivalent degree and a commitment to teaching at the undergraduate and graduate levels.

Applications must be submitted online at http://jobs.princeton.edu, requisition #1000527, and should include a cover letter, curriculum vitae, a two-page research description, and contact information for three references. All materials must be submitted as PDF files. For full consideration, applications should be received by November 1, 2010.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and affirmative action regulations.

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Bacteriology Search: Tenure Track or Tenured Faculty
Department of Microbiology

The Department of Microbiology at the University of Washington in Seattle is conducting a search for an Assistant or Associate Professor in the fields of bacterial-host interactions and/or bacterial physiology. We are looking for an innovative investigator who currently has or will develop an independent research program studying bacterial pathogenesis, bacterial interactions with the immune system, mutually beneficial relationships between microbes and hosts, or bacterial physiology relevant to a variety of microbial systems. The position is a 12-month, full-time, tenure track position in the School of Medicine. In addition to research, the new faculty member will support the department’s teaching mission, including teaching at the undergraduate or graduate level. All University of Washington Faculty engage in teaching, research and service.

Salary and benefits are competitive and will be commensurate with the qualifications and experience of the applicant. Applications from female and minority candidates are especially encouraged. Expanding opportunities for women and other underrepresented groups in the faculty is an important goal of the department.

Applicants with a Ph.D., 1–2 years postdoctoral experience and a strong publication record should send their CV, a one or two page statement of research interests and the names and contact information for three references to: Chair, Bacteriology Search Committee, Department of Microbiology, Box 357242, Room K357B, University of Washington, 1705 N.E. Pacific Street, Seattle WA 98195. Application materials may also be sent by email e/o Bonnie Hightower at bbh@uw.edu. Applications should be submitted by September 15, 2010, but search will remain open until the position is filled.

The University of Washington is an Affirmative Action, Equal Opportunity Employer and has built a culturally diverse faculty. Applications from female and minority candidates are especially encouraged.
Osaka Prefecture University is seeking applications for two tenure track positions at the Nanoscience and Nanotechnology Research Center. Recruitment is being carried out under the “Leading University in the Region as a Base for Human Resource Development in Nanoscience and Nanotechnology” program for national defense by interfacing with DOD and other external agencies as required. The Deputy Commander for Research will be responsible for ensuring USAMRICD’s continued leadership role in the field of chemical defense by facilitating the identification of the scientific staffing, infrastructure, and capital equipment investments required to support the scientific needs of a state-of-the-art, multidisciplinary research organization. Position may require up to 15% national/international travel.

Qualifications:
A doctoral degree in Medicine, Veterinary Medicine, or related biomedical sciences, and at least 2 years direct research experience, and at least 10 years relevant experience in leading or developing a world-class research organization is required. Able to obtain and maintain a Secret Clearance. A successful candidate must be a U.S. citizen who is a recognized expert or global leader in one core area of biological research, yet must have a broad understanding of the biomedical sciences. Must have strong process orientation with the ability to understand the strategic and tactical links between basic research and early product development. Must have strong business and scientific perspectives, demonstrated ability to deliver results in a structured organization, and a solid background in the management of a technical organization. Excellent communication skills, both written and oral, strong project management skills, outstanding interpersonal relationship skills, and the ability to work cooperatively in a collaborative, multidisciplinary research environment must be demonstrated.

Interested applicants should apply at: https://cpolwapp.belvoir.army.mil/public/vabSelFNom/index.jsp AND send all of the following: a Curriculum Vitae with list of publications; copies of three major publications; a summary of research accomplishments; a statement describing their scientific management philosophy; and three letters of recommendation POSTMARKED BY 30 Sept 2010 to LTC Deborah Whitmer, c/o DCR Search Committee, USAMRICD — 3100 Ricketts Point Road, Aberdeen Proving Ground, MD 21010-5400.


Tenure Track Positions (4th Term)
Nanoscience and Nanotechnology Research Center
Osaka Prefecture University, Osaka, Japan

Osaka Prefecture University is seeking application for two tenure track positions at the Nanoscience and Nanotechnology Research Center. This recruitment is being carried out under the “Leading University in the Region as a Base for Human Resource Development in Nanoscience and Nanotechnology” program. Applicants should hold a PhD degree acquired within the past 10 years; a track record of three or more years as an assistant professor, postdoctoral fellow or an equivalent title as of April 1, 2011; and excellent research achievements in the fields of nanoscience or nanotechnology.

- Number of tenure track positions available: Two tenure-track special lecturers.
- Research areas: A wide range of research areas related to nanoscience and nanotechnology.
- Annual salary: Approximately 8,000,000 yen.
- Research fund: During the first fiscal year, 10,000,000 yen will be provided as a start-up fund, and from the second year onward, 5,000,000 yen per annum will be ensured.
- Promotion to tenured associate professors: Tenure track lecturers hired through this recruitment program will be promoted to tenured associate professors of Osaka Prefecture University—or tenured full professors if they have shown an excellent record of accomplishment—starting from April, 2016 after successfully passing the final evaluation. In such cases, those who have been promoted may be positioned to their preferred department and faculty at the university.
- Submission deadline: September 29, 2010, 5 p.m. Japan Standard Time. All documents must be submitted online through our website by the deadline, with hard-copy documents to follow.

*Please refer to our official website below for a complete description of the position and application information.

http://www.nanosq.21c.osakafu-u.ac.jp/
http://www.nanosq.21c.osakafu-u.ac.jp/en/

Department of the Army
U.S. Army Medical Research and Materiel Command
U.S. Army Medical Research Institute of Chemical Defense

Science Director
$123,758 – 155,500

The U.S. Army Medical Research Institute of Chemical Defense (USAMRICD), the Department of Defense’s premier research Institute for medical defense against chemical warfare agents and toxins located in the Edgewood Area of the Aberdeen Proving Ground, Maryland, is seeking to fill the new position of Science Director serving as the DEPUTY COMMANDER FOR RESEARCH, GS-1301-15. You will serve as the civilian scientific programmatic advisor to the Commander and will assist the Commander in setting the strategic direction and priorities for the Institute. In addition, you will be responsible for integrating the Institute’s scientific and consultative activities with the growing interagency medical chemical defense programs for national defense by interfacing with DOD and other external agencies as required. The Deputy Commander for Research will be responsible for ensuring USAMRICD’s continued leadership role in the field of chemical defense by facilitating the identification of the scientific staffing, infrastructure, and capital equipment investments required to support the scientific needs of a state-of-the-art, multidisciplinary research organization. Position may require up to 15% national/international travel.

Qualifications:
A doctoral degree in Medicine, Veterinary Medicine, or related biomedical sciences, and at least 2 years direct research experience, and at least 10 years relevant experience in leading or developing a world-class research organization is required. Able to obtain and maintain a Secret Clearance. A successful candidate must be a U.S. citizen who is a recognized expert or global leader in one core area of biological research, yet must have a broad understanding of the biomedical sciences. Must have strong process orientation with the ability to understand the strategic and tactical links between basic research and early product development. Must have strong business and scientific perspectives, demonstrated ability to deliver results in a structured organization, and a solid background in the management of a technical organization. Excellent communication skills, both written and oral, strong project management skills, outstanding interpersonal relationship skills, and the ability to work cooperatively in a collaborative, multidisciplinary research environment must be demonstrated.

Interested applicants should apply at: https://cpolwapp.belvoir.army.mil/public/vabSelFNom/index.jsp AND send all of the following: a Curriculum Vitae with list of publications; copies of three major publications; a summary of research accomplishments; a statement describing their scientific management philosophy; and three letters of recommendation POSTMARKED BY 30 Sept 2010 to LTC Deborah Whitmer, c/o DCR Search Committee, USAMRICD — 3100 Ricketts Point Road, Aberdeen Proving Ground, MD 21010-5400.


Millennium: The Takeda Oncology Company is developing an extensive pipeline — among the top in oncology worldwide — with more than 17 compounds for a broad range of solid and hematological cancers. Come to where lifesaving science meets lifechanging opportunities. At Millennium, you’ll help develop breakthrough treatments that can make a difference in patients’ lives. All in a dynamic, collaborative environment where you can be yourself — and do your best science. To learn more or apply, visit us at millennium.com.

Millennium has opportunities in the following areas:

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- Oncology Clinical Research
- Pharmacovigilance
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- Regulatory Labeling & Compliance
- Regulatory Submission Management
- Regulatory Therapeutics
- Translational Medicine

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oncology

One focus: join our shared commitment to improve the lives of cancer patients worldwide.

Image: Colored scanning electron micrograph (SEM) of a lung cancer cell.
THE GEORGE WASHINGTON UNIVERSITY MEDICAL CENTER
THE GEORGE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE AND HEALTH SCIENCES

FACULTY POSITION IN DEVELOPMENTAL NEUROSCIENCE
INSTITUTE FOR NEUROSCIENCE AND DEPARTMENT OF PHARMACOLOGY AND PHYSIOLOGY

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 field of Developmental Neuroscience. 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 development and plasticity of cerebral cortical circuitry. 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: 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 cortical circuit assembly at the structural and physiological level in mouse or other genetically manipulatable mammalian models of human neuro-developmental disorders, or in mice with mutations of genes known to compromise cortical development and function. Integration of genetic analysis with optical imaging and physiological methods 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.

Application Procedure: Please send a complete curriculum vitae plus names and contact information for 3 references electronically to Anthony-Samuel LaMania, Ph.D., Professor of Pharmacology and Physiology, Director, GWU Institute for Neuroscience at phmas@gwumc.edu. PDF format is preferred and complete applications will be considered.

Review of Applications will begin on September 1, and will continue until the position is filled.

The George Washington University, is an Equal Opportunity/Affirmative Action Employer.
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CHAIR
Department of Neuroscience

Baylor College of Medicine, a leader in academic medical research, seeks nominations and applications for the position of Chair of the Department of Neuroscience. This dynamic basic science department is comprised of 19 tenured and tenure track faculty focused on basic research programs in molecular, cellular, and systems plasticity, behavioral human brain imaging, learning, memory, and addiction using computational, electrophysiological and optical approaches. A multidisciplinary interdepartmental joint faculty currently has ~10 million/yr NIH funding and local philanthropy. The faculty are actively involved in major aspects of neurosensory function, CNS-imaging, neurogenetics, neurodevelopment, and neurobiology of disease. The College is looking for an outstanding scientist with an exciting vision for the future who will expand upon the tradition of excellence in research and medical, graduate and post graduate education in neuroscience. Leadership and the ability to create and sustain innovative collaborations with other basic and clinical departments in the College will be an important factor in the selection process.

Baylor College of Medicine is a private medical College with $335 million of federal research support, 14 active Ph.D. granting programs and multiple interdepartmental academic units that integrate both clinical and research missions. The College has undergone substantial growth in the past decade and has new leadership with a comprehensive plan to accelerate the next phase of growth and accomplishment.

Applicants should send a cover letter and curriculum vitae to: Bert O’Malley, M.D., Chair, Neuroscience Chair Search Committee, c/o Rebecca Vahabzadeh, Office of the Senior Vice President & Dean of Research, Baylor College of Medicine, MS: BCM 109, One Baylor Plaza, Houston, TX 77030; Email: vahabzad@bcm.edu.

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

MEETINGS

6th Annual Meeting
of the Oligonucleotide Therapeutics Society

October 20-23, 2010
Laguna Cliffs Resort
Dana Point | Southern California

Register Now for Early Bird Pricing!
Save $100 off the registration fee before September 8
www.otsannualmeeting.com

Abstract Submission Deadline — August 27
Student Travel Grants Available
Send your abstract to: ots@eventinnovations.com

Sessions

- Aptamers
- Clinical Applications
- Genome-wide definition of the human transcriptome and posttranscriptional and posttranslational regulation of protein abundance
- Immunomodulatory Oligodeoxynucleotides
- Novel Approaches for RNA Targeting
- Oligonucleotides and Stem Cells
- Preclinical Applications
- RISC-Based Mechanisms
- Splectin-Based Mechanisms
- Splicing Applications

Visit www.otsannualmeeting.com for the full meeting agenda

Co-Organizers: Brett P. Monia & John Rossi
Icahn School of Medicine at Mount Sinai & City of Hope
Science Careers is the window that displays your vision.
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- Enhanced Job Sorting

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POSTDOCTORAL OPPORTUNITIES

A POSTDOCTORAL POSITION is available in Dr. Xiaolu Yang’s laboratory at the University of Pennsylvania School of Medicine. The focus of the research is on apoptosis, tumor suppression, the prion-specific TORC1 pathway, and their relationships. The laboratory has a number of recently published studies including: Nature Cell Biology 8:855; Molecular Cell 31:415; Molecular Cell 37:668. Please send your curriculum vitae and contact information of three references to e-mail: xyang@mail.med.upenn.edu.

SIDNEY KIMMEL COMPREHENSIVE CANCER CENTER

Johns Hopkins University School of Medicine
Tumor Immunology/Immunotherapy

Two POSTDOCTORAL FELLOWSHIP positions are available in the laboratory of Dr. Hyam Levinisty (Departments of Oncology, Medicine, Urology, Immunology, and Cellular and Molecular Medicine). The first fellowship, supported by a newly funded National Cancer Institute (NCI) Center of Cancer Nanotechnology Excellence (CCNE), focuses on magnetic resonance imaging as a tool for the development of novel cancer vaccine strategies (C.M. Long et al., Cancer Research 69(7):3180–7, 2009). Close collaboration between immunologists, cell biologists, bioengineers, and radiologists provides a unique opportunity for career growth.

The second fellowship, supported by an NCI Program Grant Project Grant in Bone Marrow Stem Cell Transplantation, focuses on modulation of anti-tumor immunity during immune reconstitution following BMT (I.M. Borrello et al., Blood 114(9):1736–45, 2009; P. Mirmonef et al., Blood 111(4):2112–21, 2008). Basic mechanisms of host anti-tumor immunity as well as clinical translational objectives will be emphasized.

Successful candidates are required to have a recent Ph.D. in immunology, bioengineering, or related fields with a track record of publication in peer-reviewed journals and excellent verbal and written English skills. Experience with in vivo and in vitro models of immunological phenomena is essential. Candidate with previous knowledge of in vivo imaging of cellular trafficking is not required but would be a plus. Please send a cover letter and curriculum vitae to e-mail: hy@jhmi.edu. Equal Opportunity Employer.

PLANT CELL WALL RESEARCH OPPORTUNITIES

The Center for Lignocellulose Structure and Formation (CLSF), an Energy Frontiers Research Center Center of the Department of Energy, announces several competitive awards (stipend and project costs) to support innovative, interdisciplinary POSTDOCTORAL research on plant cell walls in CLSF laboratories. Candidates are invited to develop a collaborative research project in conjunction with the CLSF research team which includes plant and microbial molecular biologists, biochemists, bio- and materials scientists, microscopists, and computer scientists from Pennsylvania State University, North Carolina State University, and Virginia Tech. Candidates must have a Ph.D. in life or physical sciences or related engineering discipline and a compelling research idea to pursue at the CLSF. Research topics, which include: (a) how the cellulose synthase complex produces the cellulose microfibril, (b) how cellulose interacts with matrix polymers to make a strong network, and (c) how macroscopic properties of the cell wall emerge from its nanoscale structure. See website: http://www.lignocellulose.org for more information about CLSF, its participating faculty, and how to apply for these research awards.

POSTDOCTORAL POSITION

Leukemia Stem Cell Genetics

Postdoctoral position available immediately at the University of Rochester, Department of Pathology, to investigate the generation of leukemia stem cell function using a lentiviral shRNA screen, for which funding was just received. This is a great opportunity for a highly motivated young scientist to learn about high throughput screens to uncover critical pathways in leukemia stem cells. Please send curriculum vitae and names of three references to A.S. Perkins, Ph.D., at e-mail: archibald_perkins@urmc.rochester.edu.

POSTITIONS OPEN

ASSOCIATE PROFESSOR
Tenure-track Research Position
Department of Ophthalmology
Hamilton Eye Institute
University of Tennessee Health Science Center

The Department of Ophthalmology at the University of Tennessee Health Science Center is seeking research faculty to join our vision research group at the Hamilton Eye Institute. We are seeking an enthusiastic scientist that will fit into our current areas of strength: genomics, molecular biology of ocular trauma, glaucoma, or inherited eye diseases. Exceptional candidates in other appropriate fields will also be considered. The candidate should demonstrate a successful, rigorous, independent research program with extramural funding. Recruited faculty will receive generous startup support including ample research laboratory space. Applicants must have Ph.D. or M.D. degree and have completed postdoctoral training. Send curriculum vitae, statement of research interests, and the names of three references to Ophthalmology Recruiting Committee, c/o Mary Douglas, Department of Ophthalmology, 930 Madison Avenue, University of Tennessee HSC, Memphis, TN 38163.

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

FACULTY POSITION in Diabetes or Obesity

The Vanderbilt Diabetes Center and the Department of Medicine in the Vanderbilt University School of Medicine, is recruiting a tenure-track or tenured scientist (M.D. or Ph.D.) at the ASSISTANT PROFESSOR, ASSOCIATE PROFESSOR, or PROFESSOR level to develop a research program in humans on diabetes, metabolism, or obesity. Vanderbilt has outstanding resources available for diabetes and obesity research, including the Vanderbilt Diabetes Research and Training Center and the new Vanderbilt Institute for Obesity and Metabolism. The Vanderbilt Institute for Clinical and Translational Research provides outstanding infrastructure support for translational research in humans. An extensive system of core laboratories is available to all investigators. Applicants should submit curriculum vitae and a concise statement of research plans. Please send information or direct any inquiries to: Vanderbilt Diabetes Center Telephone: 615-322-7990 E-mail: dc.brown@vanderbilt.edu

Vanderbilt University is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

FACULTY POSITION

The Saint James School of Medicine, an international medical school (website: http://www.sjum.org), invites applications from candidates with teaching and/or research experience in any of the basic medical sciences for a faculty position at the assistant, associate, or full professor level to teach, advise graduate students, and conduct independent research. Successful candidates are expected to have a recent Ph.D., M.D., or D.O. and be able to function effectively in English. Candidates should have a broad and synthetic background as well as the ability to work in a team-oriented environment. The Saint James School of Medicine, an international medical school, is located in Trujillo, Dominican Republic, and serves an international student body. The medical school is accredited by the Caribbean Medical Accreditation Authority (CMBAA). Applicants should send their curriculum vitae to the e-mail: recruiting@hcrcenter.com or fax: 1-800-383-3362. E-mail: abpeps@msn.com

Withstand Drosophila or inherit eye diseases. Exceptional candidates are encouraged to apply.

RESEARCH SCIENTIST/ENGINEER
Hitachi Chemical Research Center, Inc.

Hitachi Chemical Research Center, Inc. (HCR) is a research and development company directed toward novel technology platforms and related bio- or biomimetic materials for life sciences. HCR is a subsidiary of Hitachi Chemical Company, Ltd., a chemical manufacturer producing innovative technologies in the areas of electronics related products and advanced performance products.

In this multifaceted role as a researcher, you will utilize your technical skills and knowledge to create, develop, and direct your own project in the nanotechnology or nanomaterial fields. The goal is to develop polymer-based functional materials/composites to support human health and the environment. With the support of the business development group, you will understand the market value of your project and help guide it to commercialization.

HCR is hiring two Research Scientists with a background in biochemistry, polymer chemistry (including synthetic chemistry), and material sciences. In addition, we are looking for candidates with the following qualifications: a Ph.D.; an independent researcher who has demonstrated scientific creativity and technical proficiency in his/her field as evidenced by publications in top-tiered journals and presentations of work at relevant scientific conferences; advanced problem solving skills, excellent communication skills, and sound scientific judgment of complex issues; a strong background working with polymers/polymer composites. HCR offers competitive benefits and salary. Interested candidates can electronically send resumes to: Ms. Lisa Osborn at e-mail: recruiting@hcrcenter.com or fax: 314•968•8988.