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ASSISTANT PROFESSORS. The Department of Physiology invites outstanding scientists with Ph.D., M.D., or equivalent degrees to apply for tenure-track Assistant Professor positions. Candidates will have extensive and innovative experience using technologies appropriate to the department. Opportunities exist in areas including computational biology, cellular and molecular biology, developmental biology, systems biology, immunology, virology, neuroscience, and bioinformatics. Starting 2012, successful candidates will receive a competitive package that includes a starting salary in the range of $400,000. Faculty members are expected to maintain active research programs and participate in department teaching and service activities.

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University of Maryland School of Medicine
Department of Microbiology & Immunology
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The Department of Microbiology & Immunology at the University of Maryland School of Medicine is recruiting new or established investigators with actively funded research programs in host-pathogen interactions. Highly qualified individuals will be considered for tenure-track positions at the rank of ASSISTANT, ASSOCIATE, and PROFESSOR.

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We are particularly interested in candidates who use multidisciplinary approaches to investigate the interaction of viral pathogens with the host and with a strong desire to interact with other investigators in the institution.

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Fostering Respect And Innovation

Communication Is Key

Every science-based company has a set of values or a mission statement. Many talk about respecting employees and valuing innovation—two key criteria in Science's Top Employers Survey. But the top companies in Science's survey ensure that these abstract principles are embodied in concrete ways. By Paul Smaglik

Great science forms the building blocks of any quality R&D-based company. But superb internal communication serves as the glue that binds those building blocks together and makes for a top employer, say managers with the top companies recognized by Science this year. The top employers in this year's survey all take pains to hear employees' concerns, recognize everyone's contribution toward overall goals, and keep staff informed of how external events—like last year's global financial crisis and climate of mergers and acquisitions—will or won't affect them.

Only two of the 2010 top 10 didn't make the list last year—Millennium: The Takeda Oncology Company and Vertex Pharmaceuticals Incorporated (see list on page 250). However, Millennium made the list in 2007 and 2008. Over the last five years the composition has changed from less Big Pharma to include more Big Biotech—including perennial leader Genentech, a member of the Roche group, which has held the number one spot eight out of nine years (the exception was 2007, when Boehringer-Ingelheim claimed the lead).

In first place again this year, Genentech has consistently ranked high, as well as being recognized as a great employer by Fortune, Forbes, and other publications because it has a research focus emphasizing patients' needs combined with treating employees with respect, says Marc Tessier-Lavigne, executive vice present for research and chief scientific officer of Genentech. "Robert Swanson, one of the company's founders, always said, 'Our most important asset goes home every night in sneakers,'" says Tessier-Lavigne.

Research innovation and respect for employees remain the most important criteria for being a top employer, according to survey respondents. And, the top employers report that open communication is the best strategy for gaining employees' respect, fostering creativity, and navigating tough times.

RESPECT AND LISTENING

Creating a culture of respect requires true two-way communication between employees and managers. This year's top employers use a variety of communication strategies—from "town halls" to employee feedback about managers—to ensure that workers' concerns are heard. To be truly effective, the style of communication must reflect the culture of the company.

As Vertex approaches the commercialization of its first drug, the company faces many new communication challenges, including the tremendous growth across the organization. "We're establishing the company's first commercial function, which includes the hiring of our first sales force," says Lisa Kelly-Croswell, senior vice president, human resources. With currently more than 150 openings globally and having hired more than 200 employees in 2009, Vertex works on providing transparent communication during this rapid growth period by holding monthly town hall meetings and offering a two-day course on "The Business of Vertex," which helps employees understand business principles and addresses the many internal and external issues of being a public company, says Kelly-Croswell.

No question is "out of bounds" at town hall meetings, says Steve Gansler, senior vice president, human resources at Millennium: The Takeda Oncology Company, which holds the number four spot this year. They, too, encourage employees to share their opinions openly during monthly meetings, and afterward attendees receive surveys that ask whether the presentations met their needs, says Gansler. People keep returning to the non-mandatory meetings; Gansler suspects that their efforts for real two-way communication explain the high attendance. Cont. on p. 250

UPCOMING FEATURES

Developing a Career Plan (online only)—December 3
Diversity: Barriers for Women Scientists—January 21
Faculty: Moving Up The Academic Ladder—February 11
"We try to keep hierarchy and bureaucracy to a minimum," Genentech’s Tessier-Lavigne says. That means maintaining a true “open-door” policy to both hear employee opinions and explain the company’s direction. “Not everyone’s first choice will be the choice we go with,” explains Tessier-Lavigne. “But we try to explain the rationale when we go in a particular direction, and how and why the decision was made.”

The level of candor tends to be higher in smaller group settings, posits Alan Smith, senior vice president of Genzyme, which holds the eighth position. He “gauges the temperature” of employees through weekly lunches with six people from all around the company. Smith says Genzyme also holds town hall meetings, but “it’s different from when it’s six people at lunch.” He and his lunch mates chat for about 90 minutes about company issues, and he goes through his decision-making process. “At lunch they feel freer to say what they like,” explains Smith. This type of honesty fosters respect in an organization, he says. Constructive criticism of science is also a part of that honesty and openness. The company holds weekly “Science Peer Review Group” meetings, with that aim. “We remind the scientists that we are critiquing the data, not criticizing them,” Smith says.

Syngenta, which moved up 13 places since last year’s survey to seventh, recruits employee input for more than science and business. They aim to make two-way communication concrete—literally, says Michiel van Lookeren Campagne, Syngenta’s head of global biotechnology. “When we moved into a new building in April this year, our employees helped with the design. Employees also help design our processes,” he explains.

**ACCOUNTABILITY**

To engender respect, there needs to be accountability, but respect is an abstract quality. However, Vertex—which makes its first appearance on the top employer list this year at number three—turns it into a reality by evaluating employees not only on their performance, but also on how they measure up to the company’s values. Those values include treating employees with respect—of which a large component is how to communicate with different kinds of personalities throughout the company, says Kelly-Croswell. To help employees meet this goal, Vertex requires all employees to complete a course called “The Art of Speed-Reading People,” based on the Myers-Briggs Type Indicator test. The course teaches people to...

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**TOP TWENTY EMPLOYERS**

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<tr>
<th>2010 Rank</th>
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<th>Employer (Global Headquarters)</th>
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<tr>
<td>1</td>
<td>1</td>
<td>Genentech (South San Francisco, CA)</td>
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<td>2</td>
<td>4</td>
<td>Monsanto Company (Creve Coeur, MO)</td>
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<td>3</td>
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<td>Vertex Pharmaceuticals Incorporated (Cambridge, MA)</td>
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<td>4</td>
<td>5</td>
<td>Millennium: The Takeda Oncology Company (Cambridge, MA)</td>
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<td>5</td>
<td>17</td>
<td>Roche (Basel, Switzerland)</td>
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<td>2</td>
<td>Boehringer Ingelheim (Ingelheim, Germany)</td>
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<td>Syngenta (Basel, Switzerland)</td>
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<td>Merck KGaA/Merck Serono/EMD Serono (Darmstadt, Germany)</td>
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<td>8</td>
<td>AstraZeneca (Thousand Oaks, CA)</td>
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<td>Novartis (Basel, Switzerland)</td>
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<td>Eli Lilly and Company (Indianapolis, IN)</td>
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<td>Biogen Idec (Weston, MA)</td>
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<td>17</td>
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<td>Gilead Sciences (Foster City, CA)</td>
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<td>sanofi-aventis (Paris, France)</td>
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<td>DuPont (Wilmington, DE)</td>
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<td>20</td>
<td>14</td>
<td>AstraZeneca PLC (London, UK)</td>
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The 20 companies with the best reputations as employers and the top three driving characteristics for each company, according to respondents in the 2010 survey undertaken for the AAAS/Science Business Office. The companies without a 2009 rank did not rank among the top 20 in the 2009 survey.
For more than 30 years, Genentech has been at the forefront of the biotechnology industry, using human genetic information to develop novel medicines for serious and life-threatening diseases. Now a member of the Roche Group, Genentech has multiple therapies on the market for cancer and other serious illnesses.

Genentech’s Research and Early Development (gRED) operates as an independent center within the Roche Group and is home to the largest single-site biotech research facility in the world. gRED explicitly fosters individual creativity and initiative among its researchers, encouraging scientists to pursue projects of interest in addition to working toward the company's goals. As a result, our more than 1,100 scientists and researchers and 125 postdocs have consistently published important papers in prestigious peer-reviewed journals and are among the top researchers in the world in terms of total citations. gRED combines the best of the academic and corporate worlds, allowing researchers not only to pursue important scientific questions, but also to watch an idea move from the laboratory into clinical development.

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Sara Kenkare-Mitra, Ph.D.
Vice President, Development Sciences
12 years with Genentech

“Diseases of the brain such as Alzheimer’s disease and schizophrenia cause immeasurable suffering to countless people throughout the world. Effective treatments can only be discovered by excellent innovative science. For me, “Life Inspired” represents the dedicated scientists at Genentech who come to work every day eager to apply their expertise, creativity and team spirit to making a difference for patients.”

Morgan Sheng, Ph.D.
Vice President, Neuroscience
Two years with Genentech
They are not attached to “pipeline” projects; rather, they are free to do basic research. Their goal is to do cutting-edge work that will merit publication in a top-tier journal. “It brings creative and energetic individuals into the organization,” says Tessier-Lavigne. “They challenge the status quo.” These types of positions allow scientists to follow their noses in more basic research areas, which might yield findings that the company can later capitalize on.

Challenging the status quo, for Genzyme, means seeking treatments for unmet medical needs. “We don’t do ‘me too [drugs],’” says Smith. The company recognizes that ideas will fail more often than succeed—what looks like a good idea on paper is not always a good idea in patients. “We’re forgiving as an organization,” Smith says. “We don’t kill ourselves with angst over things that don’t work.” However, having high goals is a key component of being an innovation leader, says Roger Perlmutter, executive vice president of research and development at Amgen, which placed tenth this year. “We focus on grievous illness,” Perlmutter says. “You could say ‘of course you do.’ But many companies seek modest improvements in existing therapies. We focus almost exclusively on programs where there have been few or no drugs developed.”

Another way companies encourage innovation is by offering incentives. Several of the top employers use contests to up the ante. Merck KGaA actively solicits new ideas internally, says Kirschbaum. “The whole company is asked to provide ideas that they normally wouldn’t get support for,” Kirschbaum says. An innovation leader, says Syngenta’s Campagne. This year Monsanto also uses grants and scholarships to fuel their innovation, and abiotic stresses and have higher yields. In July, both companies announced a new model for insect control developed by new idea must help farmers better raise a crop, says Fraley.

One such agreement is a “yield and stress” collaboration with BASF, announced in 2007, where both companies jointly agreed to put $1.5 billion into developing crops that withstand various biotic and abiotic stresses and have higher yields. In July, both companies also committed to contribute up to another one billion dollars. Monsanto also uses grants and scholarships to fuel their innovation, including the $10 million Beachell-Borlaug International Scholars Program for research in rice and wheat that was announced last year.

Seeing the results of an innovative approach serves as the ultimate motivation for scientists, says Syngenta’s Campagne. This year the company launched a new model for insect control developed from start to finish at its Research Triangle Park, cont. on p. 254 »

ENCOURAGING INNOVATION

Open communication builds respect and a harmonious work place, but letting employees know that their role in the company is meaningful, their research is cutting-edge, and that creativity is valued is how many of these top companies stay positioned at the forefront of scientific discovery and at the top of Science’s survey. With the look and feel of a university campus, Genentech has consistently created such a culture. But that culture is more than superficial. For instance, the popular postdoc program at Genentech fuels the innovative environment, both directly and indirectly. Postdocs make up about 10 percent of the company’s research community.
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North Carolina site and was recently approved by the FDA for use in the United States in 2011. Next year, Syngenta will launch a project to find ways to grow crops with less water. The knowledge that they are making a difference serves as excellent motivation. “People feel that we are contributing to making the world a better place,” says Campagne.

TRANSPARENCY

It’s easy to keep employees happy in periods of prosperity and stability—when products cruise through the pipeline, the stock market soars, and the company finds itself flush with capital. 2009 was not that time. But this year’s top employers excel at keeping attitudes and innovation high in the face of adversity. The global financial crisis, mergers and acquisitions, uncertainties about the U.S. health care policy, and ongoing controversies about genetically modified organisms (GMOs) were all factors that impacted which employers were rated highly in Science’s survey. As with fostering an environment of innovation and creating an atmosphere of respect, these top companies also find communication key for heading off these challenges.

THE FINANCIAL CRISIS

The global blows that the stock market took in 2009 meant that some companies had less to spend on R&D and salaries. But communicating the problem and asking colleagues to help in the solution bolstered spirits at both Merck KGaA and Genzyme last year.

Merck KGaA’s Kirschbaum says the company prides itself in putting 20 percent or more of its total revenue back into R&D. But last year, with revenues down, that goal was threatened. The company had to either stop some development projects or come up with $80 million from somewhere else. “There was great solidarity from our commercial colleagues in the sales, marketing, and PR side of the company, who helped us find and invest money from their budget,” Kirschbaum says. They decided that R&D was important for the long-term health of the company and in the short term it should trump marketing, business development, and other commercial activities. “The support from the commercial side was very rewarding for the self-confidence of the R&D people.”

Last year, Genzyme had to slow down its rate of recruitment, says Smith. “That is not something that anyone wants to hear; for junior faculty and junior staff, it’s not welcome news,” says Smith. Working to keep the lines of communication open, Smith had to let employees know that, “we simply can’t afford to hire new people right now.” However, he also reminds employees that there are ways to get the required staff if they are at a key point in a project. “If we decide that position is necessary, we try to transfer people to that project, or if someone has recently left the company then we may be able to hire a new staff member.”

MERGERS AND ACQUISITIONS

There are multiple ways of dealing with a merger, whether you are the acquirer or the acquiree. Companies can become part of a new seamless entity, retain their independence, or just be mined for their scientific pipeline or technological tools. There are no right ways, but establishing a new culture or reinforcing an existing one is key, as is making the process as transparent as possible, so employees know how any realignment will affect them.

Roche’s Ayyoubi says transparency, as well as fast and reliable information, help build trust and keep employees committed—especially in times of change such as during the merger with Genentech. “We tried to be very clear about the terms and conditions, and which sites would be affected.” The company used an extranet, multiple town halls, and lunches with senior management to spread information.

When Roche made its bid in July 2008 to fully acquire Genentech, facilitated by a financial stake in the company since the early 90s, it announced that priority number one was to preserve the Genentech culture, says Tessier-Lavigne. As a result, both Genentech and Roche have their own autonomous research and early clinical discovery tracks. The head of Genentech Research and Early Development, executive vice president Richard Scheller, reports directly to Roche CEO Severin Schwan, not through Roche Research. Genentech’s academic atmosphere, work hard/play hard culture, and strong postdoc program have all been preserved following the March 2009 acquisition. For these reasons, Science chose to list Genentech and Roche separately in this year’s survey. “As a result of that pledge to allow Genentech to remain independent, not a single scientist has left the organization because of the merger,” says Tessier-Lavigne. “And we have been able to recruit additional senior leadership through the merger.” One exception, however, is Tessier-Lavigne himself, who will be moving to Rockefeller University in March 2011.

In Millennium’s case, being acquired has meant more resources. Takeda Pharmaceuticals bought the company in...
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2008, but like Roche with Genentech, kept the company’s culture intact. Since being acquired, Millennium has added more than 300 positions because the parent company recognized the Millennium’s strength in cancer treatment R&D. “Takeda transferred its entire oncology program to us,” Gansler says.

Unlike Genentech, Millennium has been more fully integrated, making researchers more likely to work with their counterparts at the parent company. “By being part of a larger organization, we have been the beneficiary of significant investment that perhaps wouldn’t have happened had the acquisition not occurred,” explains Gansler.

Other companies that have acquired smaller ones must work hard to ensure a seamless transition, while also reassuring their employees that they won’t, in turn, be acquired. Merck KGaA, which recently completed its acquisition of Millipore, reminds its own employees that they will never be a part of an acquisition since the Merck family, which founded the company over 300 years ago, still owns 70 percent of it. “This gives employees a sense of stability,” says Merck KGaA’s Kirschbaum. Instead, Merck KGaA looks for complements to its existing R&D strategy. “The Millipore acquisition helps both the chemistry and pharmaceutical divisions,” Kirschbaum says. He feels that acquisitions made when a company’s pipeline dries up or blockbuster products go off patent are bad for morale. This appears to reflect a failure on the parent company’s long-term R&D strategy. “We don’t want to be put in that position where we have to buy another company because we have nothing in our own pipeline; it makes employees nervous.”

Genzyme, too, has a history of making acquisitions to augment its own research efforts. “We have a way of embracing new ideas, new technology, and new staff;” says Smith. Since his own position at Genzyme came about due to an acquisition, Smith can empathize with employees brought in when a company goes shopping for new technology. “I, myself, was at another company for four years (Integrated Genetics) when Genzyme acquired them,” says Smith. “So I can say ‘I know how you feel.’”

**GENETICALLY MODIFIED ORGANISMS**

AgBio companies, three of which made the 2010 top 20 employer list including DuPont, Monsanto, and Syngenta, use genetically modified organism (GMO) technology to improve crop yield and decrease dependence on irrigation and pesticides. However, because some public skepticism remains about the use of GMOs, the company puts a lot effort into communicating, to both the public and their employees, why such techniques are both safe and necessary, says Fraley at Monsanto. Acceptance of GMO technology begins with the scientists in-house, says Campagne, at Syngenta, “Everyone who works in science knows that we have created safe and very good products that help sustainable agriculture,” Campagne says. “The scientists working for us are 100 percent convinced that this is the right thing to do,” he says. The company also works to share this technology with parts of the world that are unable to afford it through partnerships with non-profits. In 2008, Monsanto partnered with the African Agricultural Technology Foundation, CIMMYT (the international maize and wheat development center), and the Bill & Melinda Gates and Howard G. Buffett foundations for the Water Efficient Maize for Africa (WEMA) project. The goal is to help make drought-tolerant corn available to farmers in sub-Saharan Africa at approximately the same time as its commercial launch in the United States.

**HEALTHCARE REFORM**

The exact cost of health care reform in the United States remains unclear—for both companies and consumers. Rather than worrying about it, some companies have taken an active role in advocating for it—letting both employees and customers know that the company cares about access to health care. “We took a leadership position on health care reform,” says Amgen’s Perlmutter. “It really is important that Americans have access to health care. We say this not because it will be a big profit center for us, but because it’s the right thing to do.”

Merck KGaA, too, became involved with health care reform. The company wanted to help shape the legislation, rather than just have to react to it, and contributed its global perspective to the dialogue, says Kirschbaum. “Different countries have different dynamics. We try to engage in a dialogue despite the challenges,” explains Kirschbaum. “We have an ethical obligation to bring compounds to the market to help people with very serious diseases. But we need to make sure that this endeavor remains sustainable.”

Effective communication, both in times of success and adversity, generates another kind of sustainability—quality employees who stick around and produce the innovative scientific discoveries that define top employers. Treating employees with respect and keeping two-way communication open during triumphs and challenges is perhaps the best way for employers to be respected—both by their employees and by their peers.

Paul Smaglik is a freelance writer living in Milwaukee, Wisconsin.

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Gilead Sciences is a biopharmaceutical company that discovers, develops and commercializes therapeutics to advance the care of patients suffering from life-threatening diseases worldwide. Gilead focuses its research and clinical programs on Anti-Infectives, Liver Disease, Cardiovascular, and Respiratory.

**Director, Biology Antiviral Therapeutics**

**Specific Responsibilities:**
We are seeking a creative and highly motivated expert to lead our biology efforts on the discovery of novel antiviral therapeutics to treat major respiratory virus infections. The candidate will have an opportunity to manage a group of biologists and virologists in a highly collaborative environment and actively contribute to multiple antiviral drug discovery programs.

**Essential Duties and Job Functions:**
- Manages a group of productive biologists focusing on the identification and characterization of novel small molecule therapeutics for respiratory viruses
- Explores innovative designs and executes effective implementations of in-vitro and in-vivo experimental strategies, screening tools, and technologies to enable fast progress on multiple antiviral discovery projects
- Closely interacts with other Biology functional groups (HTS, Biochemistry, and Protein Chemistry) to provide concerted support for multiple discovery projects
- Identifies, validates, and recommends novel targets and approaches for the treatment of respiratory viral infections
- Works effectively as a member of multidisciplinary project team(s) in a highly collaborative environment and makes major contributions to the successful identification of development candidates
- Supports projects through early stages of clinical development
- Provides scientific and technical leadership, coaching, and mentorship; contributes to the creative and innovative culture of the whole Biology department
- Works closely with the business development group to evaluate in-licensing opportunities
- Identifies key experts and consultants in the field, manages external collaborations and contract research projects

**Knowledge, Experience and Skills:**
- PhD in life sciences and 8+ years of post-doctoral experience
- Proven track of successful and innovative research in the field of respiratory viruses
- Industrial experience with drug discovery and/or development is preferred, but not essential
- Excellent technical skill in molecular/cell biology and virology
- Management and mentorship skills combined with strong organizational and leadership capabilities
- Critical thinking, creative and innovative problem-solving
- Excellent communication skills
- Capability of working in a highly collaborative environment across different drug discovery research disciplines

Please apply only to job #5318 at [www.gilead.com](http://www.gilead.com).

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I believe in our commitment to sustainable agriculture, and I'm able to do top-flight research.

- Ryan, Marker Discovery Scientist

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Learn more and apply: jobs.monsanto.com/research
**Scientist Positions at Novo Nordisk China R&D Center**

**Zhongguancun Life Science Park, Beijing, China**

Novo Nordisk is a world leader in diabetes care. Novo Nordisk China R&D (NNST) is an integrated part of Novo Nordisk R&D organization. Our newly formed Diabetes Research Department is expanding rapidly and we therefore have the following 2 positions open for highly qualified scientists planning to advance a career in China. For all positions, excellent communication skills in English, flexibility and the desire to work within a multidisciplinary team are required. Industry and patent experience is strongly preferred. Title and compensation will be based on qualifications.

For application, please send resume and cover letter with job code in the subject of email to: InfoNNST@novonordisk.com.

- **Scientist/Senior Scientist, Molecular biology/Protein Expression [Job Code: DR_201009_MB/PE]:**

  **Responsibility:**
  
  You will contribute to several early stage projects with responsibility for designing expression systems and generating recombinant proteins preferentially from *E. coli*, but some experience within mammalian expression is also considered valuable. You will also be responsible for process development and handing over of the *E.coli* process to CMC settings including documentation in relation to the transfer.

  **Requirements:**
  
  - Ph.D. in Molecular Biology, Biochemistry or relevant biological science, 2-5 years experience in protein expression and engineering
  - Solid theoretical basis and hands-on experience within molecular biology, special focus on expression of proteins in *E.Coli.*
  - Experience from pharmaceutical industry with *E.Coli* process development, fermentation and handing over to CMC setting is an advantage

- **Senior/Principle Scientist, Protein chemistry and process development [Job Code: DR_201009_PPPD]:**

  **Responsibility:**
  
  You will contribute to several early stage projects with expertise within protein purification, handling and characterization. Furthermore, you will be responsible for developing protocols for protein refolding, initial formulation, process development and transfer of methods into development settings. You will also take part in developing new approaches for analysis of chemical structure and stability applying state-of-the-art liquid chromatography and mass spectrometry. Insight within protein design is an advantage.

  **Requirements:**
  
  - Ph.D. in protein chemistry, proteomics, biochemistry or related discipline, at least 2-5 years experience in protein purification and characterization
  - Solid theoretical basis and hands-on experience as well as an excellent track record of original research.
  - Experience from pharmaceutical industry with protein purification and process development and handing over to CMC setting is an advantage

**Furthermore, we also have 3 positions open within Biopharmaceutical Research Unit:**

- **Scientist/Senior Scientist, Antibody Phage Display [Job Code:MB_201009_Phage]**

- **Scientist/Senior Scientist, Fermentation technology [Job Code:MB_201009_Fermentation]**

- **Scientist/Senior Scientist, Cell Biology [Job Code:CB_201009_Sci]**


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At Roche, our success is built on innovation, curiosity, and diversity – multiplied by 80,000 professionals in 150 countries. By challenging conventional thinking, and challenging ourselves, we've become one of the world's leading research-focused healthcare groups, and one of the most exciting and open-minded places to advance a career.

To innovate healthcare, we're constantly learning and growing – and seeking people who have those same goals for themselves.

To see how Roche will advance your career, visit us today at www.careers.roche.ch
The Australian Institute of Marine Science (AIMS), the nation’s tropical marine research agency, seeks a new leader at a time of unprecedented opportunity for the Institute.

Established to provide marine research in support of Australia’s extensive marine estate, AIMS is a world-class, high-profile organisation at the forefront of tropical marine science. It is an exciting and innovative research hub operating on the international stage, with research programs addressing areas as diverse as climate change, sustainable development, discovery science and marine observing systems. Assets include two large research vessels, state of the art laboratory facilities, a headquarters near Townsville, Queensland, and major laboratories in Darwin and Perth. The Institute is in the midst of a once in a generation $55 million re-development, including the construction of a groundbreaking $32 million seawater experimental facility in Townsville and partnering in the new $63 million Indian Ocean Marine Research Institute in Perth. AIMS is a Commonwealth Statutory Authority, with a staff of 220 and an annual budget of $50 million.

The Position:
- Leadership at both national and international levels
- Provide strategic direction and vision for the large, highly skilled multi-disciplinary research and support teams
- Strengthen relationships with industry, Government, academia and other stakeholders to build support for marine research
- Maximise the impact, uptake and growth of marine science in Australia through collaborations and partnerships

The Person:
- Ability to build and maintain effective consultative links with local, regional and national representatives of Government, Industry, academia and the wider community
- A successful track record in attracting financial support
- Leadership, management and communication skills to engage with AIMS’ vibrant community of research and support professionals.
- PhD qualified (or equivalent) with at least 10 years experience in marine science and a track record of achievement

Please visit www.first-place.com.au 'Opportunities' for a position brief. Select 'How to Apply' to submit your application. Confidential enquiries to Peter Gibson or Louise Baker on +61 7 3368 5300. Closing Date: Monday October 18, 2010

Executive Search … Global Reach

Two Assistant Professorships in Biological Sciences

The Department of Biology at the University of Central Florida (UCF) invites applications for two tenure-track positions at the Assistant Professor rank. For Position Number 38667, we seek applicants who use innovative approaches to address evolutionary or environmental questions in genetics, cell biology, or development. For Position Number 38942, applicants must have a research focus in a sub-discipline of conservation biology. Preference will be given to candidates who add to and complement current faculty research and teaching strengths: see biology.cos.ucf.edu. Successful candidates for both positions must have a Ph.D. in a relevant field, appropriate post-doctoral training and a demonstrated ability or strong potential to establish and maintain a vigorous, extramurally funded research program. S/he will contribute to our Ph.D. programs in Conservation Biology and/or Biomedical Sciences and M.S. program in Biology, and teach graduate and undergraduate courses. UCF has a strong research emphasis and provides competitive startup funds and teaching loads.

Applicants must complete an online job application at: www.jobswithucf.com and separately e-mail a single PDF document that includes a letter of intent, curriculum vitae, a list of three references with their contact information, and statements of research plans and teaching philosophy to: bio-search@mail.ucf.edu. Please include the relevant position number in the subject line. The letter of intent should explain how your research will complement current faculty research areas. Review of applications will begin November 15, 2010, with an anticipated start date of August 2011.

The University of Central Florida is an Affirmative Action/Equal Opportunity Employer. Minorities and women are encouraged to apply. As an agency of the State of Florida, all application materials and selection procedures are available for public review.
Postdoctoral and Predoctoral research positions are open in the cryo-electron tomography group at the Goethe University Frankfurt. The research is funded by the European Research Council (ERC) and the European Commission seventh framework programme (EU FP7).

The group of Dr. Frangakis (www.biophysik.org/frangakis/) at the Frankfurt Institute for Molecular Life Science is an interdisciplinary team of biologists, physicists, and computational scientists. We use cryo-electron tomography to visualize biological systems, and provide new insights into the three-dimensional ultrastructure of eukaryotic cells. Our images can achieve molecular resolution in vivo, which allows us to generate a quasi-atomic atlas of supramolecular structures.

The lab is equipped with latest technology electron (FEI Titan Krios) and light microscopes as well as state-of-the-art accompanying equipment.

**Investigation of the chromatin structure**

Aim of the project is to study the structure of the chromatin fiber and elucidate its role in fundamental biological processes such as transcription or silencing. Despite its importance and the effort over three decades, the structure of the 30nm chromatin fiber remains controversial. Towards this goal a combination of in vitro and in vivo samples will be used.

**Investigation of adhesion junctions in mouse models**

Aim of the project is to structurally characterize adhesion junctions in toto by cryo-electron tomography of vitreous sections. Adhesion junctions are clusters of membrane-associated proteins that are involved in intercellular contacts. We aim to reveal the molecular organization of several adhesion junctions, and their implications in cellular proliferation and disease.

The successful candidates should be highly motivated and have a profound knowledge in Cell Biology, Biochemistry, Biophysics or related fields. First experience in electron microscopy would be an advantage. The projects are funded by the Marie Curie ITN program Nucleosome4D and the ERC. Applicants must be nationals of an EU Member or Associated State, or have resided in the EU for at least five years immediately prior to their selection.

Interested candidates should send an application including a cover letter stating areas of expertise and interests, a CV, publication list and names and contact information for 3 references to Dr. Achilles Frangakis (e-mail: cryo@biophysik.org).

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**Faculty Position**

**Department of Molecular Biology**

**Princeton University**

The Department of Molecular Biology at Princeton University invites applications for a tenure-track faculty position at the assistant professor level. We are seeking an outstanding investigator in the area of biochemistry and structural biology. We are particularly interested in candidates whose plans to address fundamental biological questions include the use of X-ray crystallography. 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 M.D. with postdoctoral research experience and a commitment to teaching at the undergraduate and graduate levels.

Applications must be submitted online at [http://jobs.princeton.edu](http://jobs.princeton.edu), requisition #1000770, and should include a cover letter, curriculum vitae and a short summary of research interests. We also require three letters of recommendation. All materials must be submitted as PDF files. For full consideration, applications should be received by December 1, 2010.

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

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**University of Massachusetts Medical School**

**Faculty Position**

The Diabetes Center of Excellence at the University of Massachusetts Medical School invites applications for a SENIOR TENURED or JUNIOR TENURE-TRACK basic science or clinical investigator faculty position. The Diabetes Center of Excellence currently consists of basic and physician scientists representing a broad range of disciplines in the biomedical and clinical sciences, with members from several Medical School Departments and Programs working together as central New England’s leading center for diabetes clinical care, innovation, and discovery. The Center occupies state-of-the-art research space on an expanding Medical School campus, and benefits from being a continuously funded Diabetes-Endocrinology Research Center (DERC) for over 28 years. Basic investigators benefit from core facilities for deep sequencing, proteomics, genotyping, fluorescence-activated cell sorting, digital imaging/confocal microscopy, genomics/bioinformatics, transgenic/knockout mice, and mouse metabolic phenotyping. Clinical and community investigators benefit from infrastructure for recruitment and retention of research participants, measurement, behavioral and nutritional intervention resources and facilities, and academic-community research partnerships. Adult and pediatric clinical efforts of the Diabetes Center are housed in a new Ambulatory Clinical Care building designed so that patients can receive appropriate retinal photos, foot care, diabetes education, and other routine medical care at one location. The position will be highly competitive with regard to start-up funds, laboratory space and salary.

As an Equal Opportunity and Affirmative Action Employer, UMass recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives, and backgrounds.

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**Boston University School of Medicine**

**Department of Pharmacology & Experimental Therapeutics**

Boston University School of Medicine (http://www.bumc.bu.edu/busm-pm) has an open faculty position in neuroscience for a scientist or physician scientist at the Assistant, Associate or Full Professor levels. Individuals with an interest in basic or translational sciences (including clinical trials), bridging clinical and basic disciplines such as psychiatry, neurology, biomedical engineering, systems biology, bioinformatics, cancer or cardiovascular pharmacology, are encouraged to apply. The Department has strengths in a broad range of research areas including substance abuse, gene therapy, learning and memory, neuropeptides, neurodegenerative diseases, neuroinflammation, anxiety, and epilepsy. The Department administers an active university-wide pharmaceutical sciences training program in Biomedical Pharmacology that is supported by an NIGMS T32, awarding a PhD in Pharmacology and Experimental Therapeutics or combined degrees in Pharmacology-Neuroscience or Pharmacology-Cell & Molecular Biology. Joint appointments with clinical departments such as Neurology, Psychiatry, or Medicine are encouraged for physician-scientists seeking some clinical service opportunities. Please send a CV, description of future research, and up to three peer-reviewed publications electronically to: David H. Farb, Ph.D., Professor and Chair, Department of Pharmacology & Experimental Therapeutics, Boston University School of Medicine, 72 East Concord Street, L-603, Boston, MA 02118 at Pharm3@bu.edu.

An Equal Opportunity/Affirmative Action Employer.
The Friedrich Miescher Institute for Biomedical Research (FMI) invites applications for a tenure track group leader position (equivalent to an assistant professor) in its Signaling & Cancer program. We are seeking an outstanding individual who will establish an ambitious research program focused on fundamental questions in cancer biology. The successful applicant will have a demonstrated track record in the area of stem cell biology and/or molecular mechanisms of cancer development.

Group Leader Position, tenure track
Stem Cell Biology and Cancer

Opportunities exist for collaborative interactions with the other FMI research programs of Epigenetics and Neurobiology. The FMI provides core facilities for experimental mouse genetics, high-end microscopy, cell sorting, genomics, protein crystallography, proteomics and bioinformatics. A highly competitive start-up package will be provided.

The FMI is an international biomedical research center with 300 members, including about 180 postdoctoral fellows and graduate students. It is part of the Novartis Research Foundation and is associated with the University of Basel. The Institute runs a successful international PhD program (for further information see www.fmi.ch). Situated in Basel, Switzerland, the FMI offers an outstanding english-speaking scientific and cultural environment in the center of Europe.

Applications, including a CV, the names and emails of three referees and a concise description of research interests and future plans should be submitted online at:
www.fmi.ch/gl_search

Informal inquiries can be sent to:
Dr. Brian A. Hemmings
brian.hemmings@fmi.ch

The closing date for applications is December 31, 2010.

The Friedrich Miescher Institute for Biomedical Research (FMI) invites applications for a tenure track group leader position (equivalent to an assistant professorship). We are seeking an outstanding individual who will establish an ambitious research program focused on fundamental questions in the field of genomic stability. Candidates intending to carry out independent research in one of the following areas are particularly encouraged to apply: DNA repair, genomic replication, the replication-transcription interface, repeat instability, chromatin remodeling, telomeres or centromeres.

Group Leader Position, tenure track
Genomic Stability and Cancer

The FMI is an international biomedical research center with 300 members, including about 180 postdoctoral fellows and graduate students. It is part of the Novartis Research Foundation and is associated with the University of Basel. The Institute runs a successful international PhD program (for further information see www.fmi.ch). Situated in Basel, Switzerland, the FMI offers an outstanding scientific and cultural environment in the center of Europe.

Opportunities exist for collaborative interactions with the other FMI research programs located within the focal areas of Signaling & Cancer, Epigenetics and Neurobiology.

The Institute provides core facilities for experimental mouse genetics, high-end microscopy, cell sorting, genomics, protein crystallography, proteomics and bioinformatics. A highly competitive start-up package will be provided.

Applications, including a CV, the names and emails of three referees and a concise description of research interests and future plans should be submitted online at:
www.fmi.ch/gl_search

Informal inquiries can be sent to:
Dr. Nico Thomä nicolas.thomae@fmi.ch
Dr. Susan Gasser susan.gasser@fmi.ch

The closing date for applications is December 31, 2010.
The Institute of Molecular Biology gGmbH funded by the Boehringer Ingelheim Foundation is looking for Research Group Leaders (#100924a)

The Institute of Molecular Biology (IMB) Mainz, Germany, is a new research center of excellence situated on the campus of the University of Mainz, and integrated into its scientific community. IMB will open in Spring 2011. Research at IMB is generously funded by the Boehringer Ingelheim Foundation with 100 Million Euros already committed to research support. IMB research is interdisciplinary, focusing on epigenetics, RNA biology, DNA/RNA editing and DNA repair. Group leaders will investigate nuclear function and gene regulation, from the structural to the organismic level, and will span development, neurobiology, immunity and aging. We envision a collaborative mix of biologists, bioinformaticians and physicists covering a wide range of technologies, including Next-Generation Sequencing, advanced light microscopy, molecular cell biology, biochemistry and genetics, to computer simulations. Research is supported by strong core facilities.

Research of the new groups should focus on one or more of the following fields:

- Epigenetics
- DNA/RNA editing
- DNA repair
- RNA biology

We seek outstanding, interactive candidates with an innovative research profile in the aforementioned fields and a strong record of publication. Preference will be given to candidates that integrate into their research an in vivo approach, notably development.

The positions are for 5 years initially, and can be renewed. The 5-year start-up packages for Group Leaders include an attractive salary and generous start-up funds for colleagues (postdoc, PhD student and technical) and supplies.

There are no teaching obligations, but teaching opportunities are available at the University of Mainz, e.g. for individuals wishing to obtain a German Habilitation.

Please apply online to (personal@imb-mainz.de) and include a cover letter, CV and a concise description of research interests & future research plans, quoting #100924a. Please also arrange for 3 letters of recommendation to (personal@imb-mainz.de).

Further information on IMB can be found at http://www.imb-mainz.de and questions can be addressed to the director (niehrs@dkfz.de). Application deadline is December 3rd 2010.

The University of California is an Affirmative Action/Equal Opportunity Employer.
To face these new challenges and meet the resulting business opportunities, IE Business School offers an innovative and challenging Master’s program in Biotechnology Management, which combines general business knowledge with specialized industry know-how.

The program is aimed at professionals from either a scientific or management background looking to jump-start or further their careers within the biotech industry. Our program methodology reflects today’s international business environment, where cross-cultural teams work on global projects regardless of their geographic location. You will not have to leave your residence or work place for extended periods of time to pursue a truly rewarding learning experience.

For more information about this program, please visit: www.ie.edu/biotech
Admissions contact: biotech@ie.edu

www.ie.edu/business
The Structural Biology Program of the Sloan-Kettering Institute (www.ski.edu) invites applications for a tenure-track faculty position at the Assistant Member level (equivalent to Assistant Professor). We are interested in outstanding individuals who have demonstrated records of significant accomplishment. Areas of interest include x-ray crystallography, NMR spectroscopy, EM and optical imaging, as well as the interface of structural, chemical and computational biology. Faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

The deadline for applications is November 1, 2010. Interested candidates should visit http://facultysearch.ski.edu to apply via the on-line faculty application. Informal inquiries may be sent to Julie Kwan at kwanj@mskcc.org or to Dr. Nikola Pavletich, Chair, Structural Biology Program at pavletin@mskcc.org. MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

Memorial Sloan-Kettering Cancer Center

www.mskcc.org

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Cancer Molecular Biology Position

The Institute for Cellular and Molecular Biology, Alan Lambowitz, Director, invites applications for a tenure-track/tenured position in cancer molecular biology. Academic appointments at the level of Assistant, Associate, or Full Professor will be in the section of Molecular Genetics and Microbiology in the College of Natural Sciences. Candidates should have an outstanding record of research productivity and a research plan that utilizes molecular and biochemical approaches to address important problems in cancer biology. Areas of particular interest include but are not limited to DNA damage responses, genome instability, post-translational regulatory mechanisms, chromatin, and small regulatory RNAs.

Building on a strong existing faculty, the Institute has recruited more than 50 new faculty members over the past ten years. In addition to its highly interactive and interdisciplinary research environment, the Institute provides administrative and financial support for the Graduate Programs in Cell and Molecular Biology, Microbiology, and Biochemistry, and state-of-the-art core facilities including DNA sequencing, mass spectrometry, electron and confocal microscopy, DNA microarrays, robotics, mouse genetic engineering and Next-Gen sequencing. An MD-PhD program with the UT Medical Branch and the new Dell Pediatrics Research Institute enhance the environment for basic Biomedical Research.

Austin is located in the Texas hill country and is widely recognized as one of America's most beautiful and livable cities. Please send a single PDF file containing your curriculum vitae, summary of research interests and names of three references before November 1, 2010 to jschrock@utsouthwestern.edu. References may also send their letters directly to the same email address.

www.utsouthwestern.edu/news/2010/10/08/cancer-molecular-bio-faculty-position-

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Herchel Smith Postdoctoral Research Fellowships (Six Posts)

The Managers of the Herchel Smith Postdoctoral Research Fellowships Fund invite applications within the fields of Biological Sciences, Climate Research, Materials for Sustainable Energy and Pure Mathematics.

All Fellowships are to be held at the University of Cambridge from 1 October 2011 or otherwise by negotiation. Fellowships are available for between two and three years and provide an opportunity for independent research, although the holders will usually work in close collaboration with established research groups.

In accordance with Dr Smith's will, candidature is limited to candidates who have completed their PhD degree, or equivalent, within the last three years at any university but normally excluding Cambridge and Harvard.

The stipend will be on the University's Postdoctoral Research Associate scale, currently £27,319 to £35,646 per annum with £10,000 per annum as research allowance.

Further details are available at www/herchelsmith.cam.ac.uk/fellowships or from the Secretary to the Fund Managers, telephone: +44(0)1223 761507 or e-mail hsf@admin.cam.ac.uk Please quote reference: AK07236.

Closing date: 26 November 2010.

The University is committed to Equality of Opportunity.
The International Institute for Applied Systems Analysis (IIASA, www.iiasa.ac.at), located near Vienna, Austria, is seeking a highly qualified scientific leader for the position of Director beginning on 1 January 2012. The successful candidate will be responsible for overall management and direction of the Institute, guiding a diverse research program that combines natural and social science with systems analysis approaches to complex global problems. Candidates should combine a vision for IIASA with scientific excellence, management and diplomatic skills, fundraising accomplishments, and broad experience in inter-disciplinary, international research and policy applications. The Director should be an effective and active advocate to expand participation and membership in IIASA and enhance its capacity building activities. The Director supervises approximately 200 scientists and support staff from 30 countries.

IIASA is nongovernmental, sponsored by an international consortium of 17 National Member Organizations. Applicants should have excellent written and spoken English, IIASA’s working language. The Institute’s management and staff alike are committed to a working environment that promotes equality, diversity, and tolerance.

The post is a 3-year position with the possibility of renewal. Salary and benefits are competitive with comparable international organizations. Review of applications will begin on 1 January 2011. Submit letter of application, a statement on the future development of policy-relevant interdisciplinary research as it pertains to IIASA, CV including a description of scientific and professional achievements, bibliography, and contact information for three references, to:

Professor Peter Lemke, Chairman of the Search Committee
Alfred-Wegener-Institut für Polar- und Meeresforschung
Postfach 12 01 61, D-27515 Bremerhaven, Germany
Phone: (+49-471) 4831-1751; Email: peter.lemke@awi.de

The Southwest National Primate Research Center (SNPRC) located at the Southwest Foundation for Biomedical Research (SFBR) invites applications and nominations for the position of Director. The SNPRC serves investigators around the globe, providing specialized technical capabilities and unique research animals for studies with nonhuman primates. The strengths of the SNPRC include the world’s largest captive baboon population, the world’s largest and best characterized pedigreed primate population, the largest chimpanzee census of any NPRC, a well characterized marmoset colony, and a SPH rhesus macaque colony. The Southwest Foundation has the world’s largest group of geneticists committed to research with, and management of, nonhuman primates, outstanding expertise in nonhuman primate virology and immunology, extensive technical capabilities for supporting research with a broad range of nonhuman primates, and ABSL-3 and ABSL-4 biocontainment with select agent capabilities.

The SNPRC Director provides overall leadership for the SNPRC which currently has a total of 174 staff members distributed across four units: Research Resources, Veterinary Resources, Translational Science, and Financial Administration. The Director also is responsible for the day to day management and scientific direction of the SNPRC. The administrative staff of the Primate Center includes an Associate Director for Research Resources, an Associate Director for Veterinary Resources, an Assistant Director for Veterinary Resources, and an Assistant Director for Scientific Administration. The new Director will report directly to the SFBR President and CEO, and will work closely with the Chief Scientific Officer of SFBR to advance the joint missions of SFBR and the SNPRC.

The Director will be an innovative and thoughtful leader and an accomplished scientist with extensive administrative experience in a research setting. The successful candidate will have a history of building research programs, a strong record of NIH grant funding, experience in nonhuman primate research, and outstanding writing skills. As the primary spokesperson for the SNPRC animal research programs, the successful candidate must also have excellent communication skills and be a powerful advocate for nonhuman primate research.

Qualified applicants must have a doctoral degree, (e.g., Ph.D., D.V.M., M.D., etc.) and sufficient relevant professional experience in research or administration at a major university or nonprofit research institution to be appointed at the rank of Scientist (equivalent to Full Professor in a university environment). The final appointment of the new SNPRC Director must be approved by the National Center for Research Resources of the NIH.

Located in San Antonio, Texas, one of the fastest growing biomedical centers in the country, SFBR offers attractive salary and benefits packages. Nominations and applications should be sent to the Chair, SNPRC Director Search Committee, c/o Human Resources Office, Southwest Foundation for Biomedical Research, P.O. Box 760549, San Antonio, Texas 78245-0549. Nominations and applications should include a letter outlining qualifications and fit to the position. In addition, applications should include a CV and the names and contact information for at least three references. Review of applications will begin on November 5, 2010.

Additional information about the SNPRC can be found at www.snprc.org. Additional information about SFBR can be found at www.sfbr.org. Go to www.sfbr.org/pages/employmentposting.php for additional information about this position and application procedures.
**FACULTY POSITION IN Virology**

The Department of Microbiology & Immunology at SUNY Upstate Medical University in Syracuse, NY, invites applications for a tenure-track faculty position at the Assistant/Associate Professor level. Applicants must have a PhD, MD, and/or DVM degree (or equivalent), postdoctoral experience, and a strong publication record. Successful candidates will be expected to develop or bring an independent research program in virology. Areas of interest include, but are not limited to, viral pathogenesis, virus-host interactions, animal models of virus diseases, immune responses to viruses, oncogenic viruses, and translational research in antiviral therapy and prevention.

SUNY Upstate Medical University is a thriving biomedical research enterprise and the region’s only academic medical center. The university has significant core facilities, including a state-of-the-art SCID mouse facility, flow cytometry instruments capable of sorting cells under BSL-2 conditions, mass spectrometry and proteomics, microarray, and DNA sequencing. An excellent start-up package, modern laboratory space, and state-funded salary commensurate with experience will be provided. All department faculty are expected to participate in teaching graduate and medical students.

Candidates should apply by sending a cover letter, CV, and a summary of current and future research interests to microimm@upstate.edu or to:

**Virology Search Committee, c/o Michelle Lonkey**
SUNY Upstate Medical University
750 E. Adams Street, 2204 Weiskotten Hall
Syracuse, NY 13210

Send letters of recommendation only upon request from the committee.

Review of applications will begin on November 1st and will continue until the position is filled. For additional information, visit the department website www.upstate.edu/microb, or email Dr. Jennifer Moffat, chair of the search committee at microimm@upstate.edu.

**An AA/EO/ADA employer engaging excellence through diversity. Women and minorities are encouraged to apply.**

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**FACULTY POSITION IN BIOLOGY**

The Department of Biology at The University of Texas MD Anderson Cancer Center is seeking an outstanding scientist with a strong research background in cellular, genetic, neural circuit and systems neuroscience in the area and theme of research we wish to strengthen are broad, covering many aspects of the nervous system. Successful candidates will be expected to develop an independent research program and to participate in graduate student education.

Interested applicants should send a cover letter, CV, and a summary of current and future research interests to microimm@upstate.edu or:

**Virology Search Committee, c/o Michelle Lonkey**
SUNY Upstate Medical University
750 E. Adams Street, 2204 Weiskotten Hall
Syracuse, NY 13210

Send letters of recommendation only upon request from the committee.

Review of applications will begin on November 1st and will continue until the position is filled. For additional information, visit the department website www.upstate.edu/microb, or email Dr. Jennifer Moffat, chair of the search committee at microimm@upstate.edu.

**An AA/EO/ADA employer engaging excellence through diversity. Women and minorities are encouraged to apply.**
Faculty Positions in the Department of Biology

The Department of Biology at the University of Iowa is notable for its multidisciplinary diversity, with strengths in Evolution, Genetics, Developmental/Cell Biology, and Neurobiology. Information about the Department and the Roy J. Carver Center for Genomics is available at http://www.biology.uiowa.edu. The Department of Biology is located in recently renovated space and provides competitive salaries and benefits along with strong infrastructure support for research. Applications are invited for two faculty positions.

Evolutionary Genomics: We are seeking candidates at the senior level who utilize high throughput experimental, bioinformatics and/or theoretical-modeling approaches to address fundamental questions in genome and/or gene expression evolution. Candidates for this position are expected to be tenured Associate or Full Professors and to play a leadership role in the Department of Biology. Areas of particular interest include but are not limited to: comparative genomics and transcriptomics, phylogenomics, transcriptional regulation, and computational approaches to systems biology. Individuals using established or emerging model genetic systems are particularly encouraged to apply. The successful candidate must have an excellent track record of extramural funding and an international reputation in the candidate’s area of research as well as an interest in teaching advanced Genomics/Bioinformatics courses.

Evolutionary Ecology: We are seeking candidates at the Assistant/Associate Professor level who are addressing questions at the interface of ecology and evolution using field, laboratory and/or theoretical modeling approaches. Areas of particular interest include but are not limited to: metapopulation dynamics, interspecific interactions, species invasiveness, constraints on species range limits, environmental genomics, and adaptation of natural populations. Recognition in the candidate’s area of research is desirable. The successful candidate will be expected to contribute to teaching advanced courses relevant to the interdisciplinary program in Environmental Sciences (http://www.uiowa.edu/~envsci).

Successful candidates must have a PhD in one of the biological sciences, postdoctoral experience, a recognized record of accomplishment as reflected in publications in leading journals, the ability to establish and maintain an extramurally funded research program, and an interest in participating in the department’s teaching mission. Desirable qualifications include the potential for productive interactions with faculty in the Department, and other life sciences at the University of Iowa, and expertise in emerging technologies and methodologies. Applications should be submitted online at http://jobs.uiowa.edu under requisition 58449 for the Evolutionary Genomics position and requisition 58450 for the Evolutionary Ecology position. Applicants should submit a cover letter, curriculum vitae, a statement of research objectives and teaching interests, at most 4 publications and the names of 3 references. Formal screening of applications will begin November 15, 2010 and continue until the positions are filled.

The Department of Biology and the College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity; the strategic plans of the University and College reflect this commitment. Women and minorities are encouraged to apply. The University of Iowa is an Affirmative Action/Equal Opportunity Employer.

Monterey Bay Aquarium Research Institute

2011 POSTDOCTORAL FELLOWSHIP PROGRAM

Founded in 1987 and supported by the David and Lucile Packard Foundation, The Monterey Bay Aquarium Research Institute (MBARI) is a non-profit oceanographic research institute, dedicated to the development of state-of-the-art instrumentation, systems, and methods for scientific research in the oceans. MBARI’s research center includes science and engineering laboratories, as well as an operations facility to support our research vessels and oceanographic equipment, including remotely operated vehicles. Located in Moss Landing, California, the heart of the nation’s largest marine sanctuary, MBARI places a balanced emphasis on science and engineering, with established programs in marine robotics, ocean physics, chemistry, geology, and biology, as well as information management and ocean instrumentation research and development.

MBARI invites applications each year for several postdoctoral fellowships in the fields of biological, chemical, and physical oceanography, marine geology, and ocean engineering. Fellowships may require occasional trips to sea. Awards are typically for two years.

Candidates must be awarded their Ph.D. degree prior to commencing the 2 year appointment between September 2011 and March 2012. Applicants are encouraged to communicate with potential research sponsors at MBARI for guidance on project feasibility, relevance to ongoing MBARI research, and resource availability (http://www.mbari.org/about/postdoc_mentors.html).

Application deadline: Friday, December 10, 2010

Selected candidates will be contacted in early March 2011.

Application requirements:
1. Curriculum vitae
2. At least three professional letters of recommendation
3. Succinct statement of the applicant’s doctoral research
4. Potential research goals at MBARI
5. Supplemental Information online form (http://www.mbari.org/oeid/jobs/forms/postdoc_form_2011.htm)

Competitive compensation and benefits package.

MBARI considers all applicants for employment without regard to race, color, religion, sex, national origin, disability, or veteran status.

Address your application materials to:
MBARI, Human Resources
Job code: Postdocs-2011
7700 Sandholdt Road, Moss Landing, CA 95039-9644
Submit by e-mail to jobs_postdocs@mbari.org (preferred), by mail, or fax to (831) 775-1620.

EOE • MBARI Welcomes Diversity
AAAS is here – helping scientists achieve career success.

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

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

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

To learn more, visit aaas.org/plusyou/sciencecareers
THE NATIONAL INSTITUTES OF HEALTH

THE POSITION: The National Center for Research Resources (NCRR) is seeking exceptional candidates for the position of Director, Division of Biomedical Technology. This individual will lead a program that supports research to discover, create, and develop innovative technologies and provides access to these technologies to the biomedical research community. This research is conducted through grants for technology-driven research and development, the biomedical informatics research network, and biomedical technology research centers. The incumbent will supervise a staff of eleven, including nine scientific professionals in overseeing 50 Biomedical Technology Research Center Grants in five broad technology areas: Imaging, Informatics, Optical and Laser Technology, Technology for Structural Biology and Technology for Systems Biology. At these research centers, interdisciplinary teams create unique, transformative technologies and work to promote their widespread use. These innovations are accomplished through a synergistic interaction of technical and biomedical expertise, both within the centers and through intensive collaborations with other leading laboratories. These research centers span basic, translational and clinical research to create tools that advance science at the molecular level and change scientific approaches to diagnosis and treatment of disease. Additionally, the Division administers the shared instrumentation program which provides institutions with the funds to purchase state of the art technologies, helping researchers remain at the forefront of the biology and medicine. Lastly, the Division supports biomedical researchers through investigator-initiated research projects or large collaborative research projects with other NIH organizations and/or Federal agencies.

The NCRR provides laboratory scientists and clinical researchers with the environments and tools they need to understand, detect, treat, and prevent a wide range of diseases www.ncrr.nih.gov. This support enables discoveries that begin at a molecular and cellular level, move to animal-based studies, and then are translated to patient-oriented clinical research, resulting in cures and treatments for both common and rare diseases. This position offers a unique and exciting opportunity for an extremely capable individual to share responsibility in providing strong and visionary leadership to an organization dedicated to enhancing our understanding of health and disease, translating basic research into medical care, and improving human health.

QUALIFICATIONS REQUIRED: Applicants must possess a Ph.D., or equivalent degree, as well as senior-level research experience or knowledge of research programs moving research from the basic laboratory sciences into clinical research. Candidates should be outstanding communicators and known and respected as distinguished individuals of outstanding competence. Applicants should also demonstrate the ability to think strategically, work collaboratively, and use a consultative approach to problem solving and decision making.

SALARY/BENEFITS/OTHER INFORMATION: Salary is commensurate with experience and a full package of Civil Service benefits is available, including: retirement, health and life insurance, long term care insurance, leave and savings plan (401K equivalent). The National Institutes of Health inspires public confidence in science by maintaining high ethical principles. In addition to the Federal government’s code of ethics, we have our own agency specific standards which are described at the NIH Ethics web site. http://ethics.od.nih.gov/overview.htm. This position is subject to a background investigation.

HOW TO APPLY: A Curriculum Vitae, Bibliography, and two letters of recommendation must be received by October 15, 2010. Application packages should be sent to the National Institutes of Health, National Center for Research Resources, ATTN: Sabrina Posley, 6701 Democracy Boulevard, Suite 206, Bethesda, Maryland 20892.

For further information, please call (301) 435-0717. All information provided by candidates will remain confidential and will not be released outside the NCRR search process without a signed release from candidates.
Faculty Position At MIT, The McGovern Institute For Brain Research

The McGovern Institute for Brain Research at MIT is seeking one faculty member at the Assistant Professor level. The Institute's focus is systems neuroscience with emphasis on the neural basis of perception, cognition, and action. We are seeking a candidate with a research focus in any of these three areas, using either human subjects or animal models. We would regard it as a plus if the candidate's work bridges levels using a variety of tools and/or if the candidate were interested in translating basic research findings into new ideas for studying the pathophysiology or treatment of brain disorders.

The mission of the McGovern Institute is to understand the relationship of neuronal processes, circuits and computations to behavior, ultimately providing benefits to human health and welfare. Research in the McGovern Institute is expected to help people with brain disorders ranging from sensory system impairments to movement disorders and emotional and cognitive disorders. McGovern Institute scientists have many opportunities for collaboration and are appointed through an MIT department and will have teaching responsibilities for the home department.

Applicants should submit the curriculum vitae, a summary of current and proposed research programs, a publication list, and should arrange for three letters of recommendation to be sent electronically via Academic Jobs Online (https://academicjobsonline.org/ajo). Please indicate which research model you are using, animal or human. Consideration of applications will begin on October 15, 2010. For more information on the McGovern Institute please visit our website at http://mcgovern.mit.edu

MIT is an Affirmative Action/Equal Opportunity Employer. Qualified women and minority candidates are especially encouraged to apply.

http://web.mit.edu

TENURE TRACK FACULTY POSITION
Animal Physiology

The Department of Biology at Tufts University invites applications for a tenure-track Assistant Professor in Animal Physiology to begin in September, 2011. We seek a creative scholar whose research program focuses on elucidating the mechanisms by which animals (vertebrates or invertebrates) interact with, or adapt to, their environment. Possible research areas include neuroethology, endocrinology, biomechanics and physiological ecology. Applicants should employ an integrative approach that addresses how systems function across multiple levels of biological organization.

The successful candidate is expected to develop an active externally funded research program involving graduate and undergraduate students. A clear commitment to teaching excellence at the undergraduate and graduate levels is essential. Doctoral degree and a record of research productivity are required. Postdoctoral experience preferred.

Applicants should submit the following in a single PDF file: (1) a cover letter, (2) curriculum vitae, (3) statement of research interests and plans and (4) statement of teaching experience and philosophy. Submission of 1-3 selected reprint PDFs is encouraged, but not required. Applications and three letters of reference should be sent to karin.murphy@tufts.edu.

Review of applications begins November 30, 2010, and continues until the position is filled.

Tufts University is an Affirmative Action/Equal Opportunity employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

DIRECTOR, Transgenic and Genome Manipulation Core Research Facility

The University of Iowa Carver College of Medicine is seeking a Director for a newly consolidated core research support facility in genetic manipulation of the mammalian genome. This includes generation of transgenic mice by pronuclear injection, manipulation of embryonic stem cells for the generation of knockout and knockin mice, and development and use of inducible pluripotent stem cells. Level of appointment will be Associate Research Scientist or Research Scientist with commensurate salary based on experience and qualifications.

For more information and to apply for this position, go to http://jobs.uiowa.edu/ and click on requisition #58493.

Women and minorities are strongly encouraged to apply. The University of Iowa is an Equal Opportunity/Affirmative Action Employer.
2 Faculty Positions in Estuarine and Marine Processes
(rank open)
University of Maryland Center for Environmental Science
Chesapeake Biological Laboratory

We invite applications for two tenure-track faculty positions in marine biogeochemistry and marine/estuarine ecology that will complement and enhance our existing programs in biogeochemistry, ecology, fisheries science and ecotoxicology. Applications are particularly encouraged from:

Organic biogeochemist – including the biogeochemistry of biologically important elements, or emerging contaminant pathways and biomagnification in food webs. Expertise in new, rapidly expanding fields e.g., ocean acidification, geomicrobiology, or nano-scale biogeochemistry, is particularly encouraged. A strong analytical focus is desirable.

Marine/estuarine ecologist – including processes related to fluxes through lower trophic levels and benthic environments, ecosystem responses to perturbations, and a cross disciplinary systems approach to evaluating ecosystem structure and function. Candidates whose research integrates field work and modeling are encouraged.

Full details are available at [www.umces.edu/cbl/employment](http://www.umces.edu/cbl/employment). Successful applicants will develop a rigorous, high-profile, extramurally funded research programs. Faculty members are expected to teach one graduate course every other year. There is no undergraduate teaching. Salary and benefits are competitive and dependent on qualifications. Ph.D. is required of successful candidates at time of appointment and postdoctoral experience is preferred. For full consideration, please send a statement of interest that summarizes your research and interests, a c.v., examples of relevant publications and a list of 4 potential references to Ms. Kelly Arthur (arthur@cbl.umces.edu) with either Biogeochemist or Marine Ecologist in the subject line by December 20, 2010.

UMCES is an Affirmative Action/Equal Opportunity Employer. We promote excellence through diversity and encourage women and minorities to apply.

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CHAIR
Pharmacological and Pharmaceutical Sciences
University of Houston College of Pharmacy

The College of Pharmacy invites qualified individuals to apply for the position of Chair of the Department of Pharmacological and Pharmaceutical Sciences. The department is co-located on the University of Houston main campus and the world-renowned Texas Medical Center. Current faculty research interests include signal transduction, drug delivery, transcellular transport and metabolism, cardiovascular and renal pharmacology, respiratory pharmacology, neuroscience, regulation of membrane transporters, GPCR structural proteomics, receptor cell biology, and natural products. For a detailed description of individual faculty research interests, please visit [www.uh.edu/pharmacy](http://www.uh.edu/pharmacy). Department faculty members contribute to the Pharm.D., Ph.D. and Pharm.D./Ph.D. degree programs. Candidates must show strong evidence of academic leadership, a commitment to professional and graduate education and peer recognition as an accomplished researcher. Successful candidate is expected to have a nationally recognized and funded research program that will complement existing research programs within the department. The new Chairperson will have faculty lines to fill, and should have the ability to recruit and develop outstanding faculty. The successful candidate also may be eligible to receive one of several Endowed Professorships.

Applications will be reviewed until the position is filled. Candidates should send a letter describing research interests, administrative and educational philosophies and long-term goals, a curriculum vitae and the names, addresses (postal and e-mail), phone and fax numbers of at least three professional references in electronic (PDF) format to:

Mustafa Lokhandwala, Ph.D., Chair, Search Committee
C/O salazar@uh.edu
University of Houston College of Pharmacy
Houston, TX 77204-5000

The University of Houston is an Affirmative Action/Equal Opportunity Employer, Minorities, women, veterans, and persons with disabilities are encouraged to apply.

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Faculty Position in the Immunological or Inflammatory Basis of Neurological Disorders

The Departments of Molecular Genetics and Microbiology and Neurology at the University of New Mexico School of Medicine (http://hsc.unm.edu/som/micro/) are seeking a faculty member with experience and interest in studying immunological aspects of neurological disorders to participate in a new Brain and Behavior Illness Institute. Examples of desired areas of research include, but are not limited to:

- Innate immunity and inflammation in stroke
- Autoimmune diseases of the central or peripheral nervous system
- Migration of immune cells through the blood brain barrier
- Immunological aspects of Alzheimer’s Disease and other neurodegenerative disorders
- Immunological approaches to infectious diseases of the central nervous system
- Etiology and treatment of other neurological disorders with immunological components
- Mechanisms of cell death and survival in neurological disorders

The successful applicant will have the opportunity to pursue interests in immunology, neurobiology, and translational research, using multi-disciplinary approaches. Appointment will be at the rank of Assistant Professor with a primary appointment in the Department of Molecular Genetics and Microbiology and a joint appointment in the Department of Neurology. She or he will be expected to develop a research program in immunology or inflammation of neurological disorders, including but not limited to multiple sclerosis and other immune etiology disorders, and inflammatory processes in cerebral ischemia and neurodegenerative disorders. Neurosciences are a signature program in the UNM School of Medicine and interaction with other signature programs are also highly encouraged and anticipated. There are opportunities for utilization of animal and human MRI, 2-photon microscopy, and electron paramagnetic resonance in the NIH P30-sponsored Brain Imaging Center. A very strong interaction with other members of the two departments and with other faculty engaged in the study of neuroinflammation is expected. The faculty member will participate in teaching medical students, graduate students and neurology trainees and in departmental and institutional activities.

Minimum Requirements:

- Ph.D., M.D. or equivalent
- 2 years of postgraduate research experience in neuroinflammation, inflammation, or cerebral ischemia
- eligible to work in the United States

Desirable Qualifications:

- strong record of scientific accomplishments
- high probability of receiving external funding
- potential for research and educational interactions with members of the Department of Molecular Genetics and Microbiology and Neurology and the Neuroinflammation Group
- potential synergy with UNM Health Sciences Center BBI and other signature programs [http://hsc.unm.edu/research/info/programs.shtml](http://hsc.unm.edu/research/info/programs.shtml)
- potential synergy with UNM Clinical and Translational Science Center [http://hsc.unm.edu/research/ctc/index.shtml](http://hsc.unm.edu/research/ctc/index.shtml)

UNM places a high priority on the success of its faculty. The successful applicant will be given protected time and mentoring by senior faculty to increase the likelihood of success in extramural funding.

For best consideration apply by, November 12, 2010. The position will remain open until filled.

For complete details of this position or to apply, please visit this website: [https://unnjobs.unm.edu](https://unnjobs.unm.edu). Please reference posting Number: 0808254.

For additional information you may contact: Dolores Tarin, Search Coordinator, (505) 272-5249, dtarin@salud.unm.edu.

UNM is an Equal Opportunity/Affirmative Action Employer and Educator.

The University of New Mexico’s confidentiality policy (Disclosure of Information about Candidates for Employment, UNM Board of Regents’ Policy Manual 6.7), which includes information about public disclosure of documents submitted by applicants, is located at [http://www.unm.edu/~brpm/r67.htm](http://www.unm.edu/~brpm/r67.htm).
THOMPSON CHAIR of Invertebrate Paleontology
Florida Museum of Natural History
University of Florida

The Florida Museum of Natural History, University of Florida, invites applications for the Thompson Chair of Invertebrate Paleontology to be hired at the level of Associate or Full Curator (equivalent to Associate or Full Professor) with tenure. The successful candidate will be expected to conduct a dynamic research program and develop the museum’s extensive collection of primarily Cenozoic invertebrate fossils that includes five million specimens. The Thompson Chair is awarded two full-time staff responsible for its operations. A substantial endowment is associated with this position.

This position requires a strong commitment to university education, field work, museum-based research, and outreach. Interactions with allied academic departments include affiliate professorship status with responsibility for supervision of graduate students and teaching two formal courses per year. Minimum qualifications:

- Ph.D. in invertebrate paleontology or related fields (e.g., anatomy, enzymology, biochemistry, microbiology, or general biology)
- Evidence of research, collections, teaching, and outreach experience, and tenure or at least seven years of post-Ph.D. professional experience (i.e., in academic, research, or related position(s)). The start date is open. The salary is competitive and commensurate with experience.

The search committee will begin receiving applications on January 14, 2011, and will continue to receive applications until the position (requisition #0806086) is filled. To ensure full consideration please apply online at the University of Florida’s Equal Opportunity/Affirmative Action Employer. Visit the University of Florida’s Equal Opportunity/Affirmative Action Employer to apply online. A complete application includes cover letter; employment application, undergraduate and graduate transcripts, curriculum vitae, and statements of research and teaching philosophy and interests. Applications lacking these components will be declared ineligible. Apply online at: http://www.emsl.pnl.gov/science/apply.php.

ENVIRONMENTAL CHEMIST

The Department of Chemistry at the University of Miami seeks nominations for the 35th Annual Rosenstiel Award in Oceanographic Science. The Rosenstiel Award was established by the Rosenstiel Foundation and is given annually by the Rosenstiel School of Marine and Atmospheric Sciences at the University of Miami to honor a scientist in the formative years of their careers (nominations are ideally received 15 years after Ph.D.). The 2011 award will be made in the general area of Marine Biology and Fisheries, which includes biological oceanography, marine ecology, coral reef science, ecosystems and fisheries science, and physiology and toxicology of marine organisms. Further information on the Division can be found at our website: http://www.rsmas.miami.edu/divs/mbf.

Preparation of citation outline the nominee’s significant contributions, potential, curriculum vitae, and a minimum of two supporting letters from persons not currently or recently associated with the nominee’s institution of graduate study or employment. Please forward your nominations by November 2010. Dr. Su Sponaugle, Chair, Rosenstiel Award Committee, RSMAS/MBF, University of Miami, 4600 Rickenbacker Causeway, Miami, FL 33149. Nomination packages may be submitted electronically to e-mail: shartley@miami.edu.
Chair of the Department of Pharmaceutical Sciences and Experimental Therapeutics  
The University of Iowa  
College of Pharmacy

The University of Iowa College of Pharmacy seeks candidates for the position of Chair of the Department of Pharmaceutical Sciences and Experimental Therapeutics. The College of Pharmacy [www.pharmacy.uiowa.edu] is an important member of a comprehensive health sciences campus within a major research university. The chair will hire and mentor new faculty, stimulate new research and grant submissions, provide fiscal oversight and management, oversee faculty space utilization and teaching assignments in the Pharm.D. and graduate programs. The individual will be responsible for conducting the annual review of faculty, and organize and participate in promotions.

This position offers broader opportunities for involvement in the University research enterprise and is supported by an endowed chair in the College of Pharmacy.

The Department consists of 20 tenure track faculty members with expertise in medicinal and natural products chemistry, pharmaceutics, pharmokinetics, and clinical pharmacology. The faculty members have very strong scholarly programs that have substantial support from external funding. The Department is home to three Ph.D. subprograms focused in clinical pharmaceutical sciences, medicinal and natural products chemistry and pharmaceutics, that have more than 70 graduate students in track along with 10 post-doctoral fellows and visiting scientists. Affiliations exist with the University of Iowa Pharmaceutics (an FDA licensed manufacturing center), the UI Center for Biocatalysis and Bioprocessing, Institute for Clinical and Translational Science, Holden Comprehensive Cancer Center, Nanoscience and Nanotechnology Institute, Environmental Health Sciences Research Center, Center on Aging and many academic programs within and outside the University.

Candidates must have a strong scientific record supported with significant extramural funding and publications, along with evidence of success in teaching and service consistent with appointment as a tenured Professor. The research area should complement existing strengths in drug discovery and development. Candidates should have experience with administrative and fiscal leadership, excellent interpersonal skills, and a strong, well recognized program of research.

The University of Iowa is located in Iowa City, a vibrant community located in southeastern Iowa, offering outstanding schools, quality entertainment, sports, literary, musical and cultural opportunities.

Review of applications will begin November 15, 2010 and continue until the position is filled. A complete application will include a letter of interest, a complete curriculum vitae and complete contact information for three references. For further information and to apply, visit our website at [http://jobs.uiowa.edu/](http://jobs.uiowa.edu/) Search for requisition #58412. For additional information please contact: Lawrence Fleckenstein, Pharm.D., Professor and Chair, Pharmaceutical Sciences and Experimental Therapeutics Search Committee  
118 PHAR, College of Pharmacy  
The University of Iowa  
Iowa City, Iowa 52242  
L-fleckenstein@uiowa.edu  
319-335-8804

The University of Iowa is an Equal Opportunity and Affirmative Action Employer. Women and minorities are strongly encouraged to apply.
ASSISTANT/ASSOCIATE PROFESSORS
Center for Phage Technology
Texas A&M

The Departments of Biochemistry and Biophysics, Plant Pathology and Microbiology, and Veterinary Pathobiology at Texas A&M invite applications for tenure-track Assistant/Associate Professor positions, two to be filled for academic year 2011–12 and two more the following year. The positions are funded by the newly established interdisciplinary Center for Phage Technology (CPT). The CPT is dedicated to bacteriophage biology and its potential for antibacterial strategies in human and animal medicine, agriculture, and industry. Direct experience or capability of establishing a research program in bacteriophage biology and to its potential for antibacterial strategies in human and animal medicine is required. Specialization in areas of drug metabolism, drug delivery or closely related fields, have at least two years of postdoctoral experience with a strong record of scholarship, and possess good interpersonal skills, and effective written and oral communication skills. Preference will be given to applicants with training and research expertise in areas that complement existing departmental strengths in cancer and cardiovascular research. The successful candidate will be expected to establish an extramurally funded research program, recruit graduate and postdoctoral students, and participate in team-taught pharma- 

Pharmacology and Pharmacokinetics
The Department of Pharmaceutical Sciences at North Dakota State University invites applications for two tenure-track faculty positions (one in pharmacology and one in pharmacokinetics). Job Rank of ASSISTANT/ASSOCIATE/FULL PROFESSOR, with appointment beginning on or after January 1, 2011. A highly competitive salary and a startup package commensurate with qualifications and experience are available. Currently, the fast growing department has 12 faculty members, 30 doctoral students, and eight postdoctoral fellows/research associates, has a Center of Excellence, Center of Biopharmaceutical Research and Production (CEROP), a Masters level program in Biotechnology and the University’s affiliate/parentage of USDA/ARS National Center of Biomedical Research Excellence. Additional information about the Department and University can be obtained at website: http://www.ndsu.edu/pharmsci/. Assistant/Associate/Full Professor in Pharmacology: Candidates must hold a doctoral degree in Pharmacology, Physiology, or closely related field, have at least two years of postdoctoral experience with a strong record of scholarship, and possess good interpersonal skills, and effective written and oral communication skills. Preference will be given to applicants with training and research expertise in areas that complement existing departmental strengths in cancer and cardiovascular research. The successful candidate will be expected to establish an extramurally funded research program, recruit graduate and postdoctoral students, and participate in team-taught pharmacology courses offered to pharmacy students. Application deadline is November 15, 2010, or thereafter until the position is filled. The application portfolio containing the curriculum vitae, statement of teaching philosophy, description of research interests and future plans, and three letters of reference must be submitted electronically at website: http://jobs.ndsu.edu/applicants/Central?quickFind=51550. For more information, please contact Dr. Bin Guo (e-mail: bin.guo@ndsu.edu; telephone: 701-231-5164), North Dakota State University College of Pharmacy, Nursing and Allied Sciences, Fargo, ND 58105.

Assistant/Associate/Full Professor in Biopharmaceutics and Pharmacokinetics: Candidates must hold a doctoral degree in biopharmaceutics or pharmacokinetics, drug metabolism, drug delivery or closely related field, have at least two years of postdoctoral experience in biopharmaceutics/pharmacokinetics, drug delivery or drug metabolism with a strong record of scholarship, and possess good interpersonal skills, and effective written and oral communication skills. Preference will be given to applicants with training and research expertise in areas of biopharmaceutics or pharmacokinetics, drug delivery or metabolism. The successful candidate will be expected to establish an extramurally funded research program, teach and mentor graduate students, and participate in teaching of biopharmaceutics and pharmacokinetics to Pharm.D. Professional and graduate students. Faculty rank and role will be dependent upon qualifications and experience. Application deadline is November 15, 2010, or thereafter until the position is filled. The application portfolio containing the curriculum vitae, statement of teaching philosophy, description of research interests and future plans, and three letters of reference must be submitted electronically at website: http://jobs.ndsu.edu/applicants/Central?quickFind=51546. For more information, please contact Dr. Bin Guo (e-mail: bin.guo@ndsu.edu; telephone: 701-231-5164), North Dakota State University College of Pharmacy, Nursing and Allied Sciences, Fargo, ND 58105. North Dakota State University is an Equal Opportunity/Affirmative Action Employer.

SEARCH FOR EDITOR-IN-CHIEF
The Journal of Biological Chemistry

The American Society for Biochemistry and Molecular Biology welcomes nominations for the position of Editor-in-Chief of the Journal of Biological Chemistry. The JBC publishes papers based on original research that are judged to make a novel and important contribution to understanding the molecular and cellular basis of biological processes. Candidates should have demonstrated success in research in one of the fields about which the JBC publishes and should possess: A broad, genuine interest in one of biochemistry; commitment to publishing the very best science; the ability to recruit outstanding scientists to serve as contributors, associate editors and editorial board members; a willingness to provide sustained and consistent editorial direction. Nominations should be accompanied by a CV, and a letter of support including the candidate’s career and research interests. Nominations should be sent electronically by November 1, 2010, to e-mail: mroddin@asbmb.org.
Today, more than ever, scientists are at the forefront of our economic and environmental survival! But where do you fit? What direction should your career path take? Who should you talk to?

Find out at SMART TRACK 2010 at the Royal Society, London 19 November. It is free of charge to attend the networking sessions and only £15 to listen to our exciting range of speakers. For further information www.smart-track.co.uk.

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FACULTY POSITIONS
Biology Department
Boston College

We invite applications for a tenure-track faculty position in the Boston College Biology Department, at the level of ASSISTANT or ASSOCIATE PROFESSOR. The university provides competitive startup funds and research space with the expectation that the successful candidate will establish, or bring to the university, a vigorous, externally funded research program. We seek colleagues whose research mesh with current faculty interests in molecular and cell biology, genetics and genomics, bioinformatics and computational biology, structural biology, or neuroscience (http://www.bc.edu/biology). Special consideration will be given to candidates with a research focus on immunology, innate immunity and infectious diseases with appropriate animal models. In addition to directing an active research program, the successful candidate will be expected to train graduate students and participate in the undergraduate teaching mission of the department. This appointment will begin on or after July 1, 2011.

Applicants should submit PDFs of their curriculum vitae, statement of present and future research plans, and three letters of reference to: BCFacultySearch@gmail.com. Applications should be received by December 15, 2010, to assure full consideration. Review of applications will continue until the position is filled.

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Biology and Physics

Kennesaw State University - Tenure-track, ASSISTANT PROFESSOR positions in Cell Biology, Ecological Modeling, Molecular Plant Systematics and Physics will be available in the Department of Biology and Physics at Kennesaw State University beginning August 2011. An earned doctorate in an appropriate discipline is required. Applicants should have a strong potential for developing an externally funded research program as well as postdoctoral experience. Preference will be given to applicants with demonstrated excellence in teaching at the college level.

For a complete description of positions, go to website: http://www.kennesaw.edu/facultypositions/

To guarantee consideration, application materials must be postmarked by November 1, 2010.

Submit a letter describing qualifications for the position, a statement of teaching philosophy, a statement of research interests, a current curriculum vitae, graduate transcripts, and the names, addresses, telephone numbers, and e-mail addresses of three references to:

Dr. Dale Lynn Vogelien,
Cell Biology Search Committee;
Dr. Colette Earp,
Ecological Modeling Search Committee;
Dr. Paul Zorn,
Plant Systematics Search Committee; or Dr. Ted LaRosa,
Physics Search Committee,
at Department of Biology & Physics,
Kennesaw State University, 1000 Chastain Road,
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FACULTY POSITION IN GENOMICS at The University of Arizona

The Department of Ecology and Evolutionary Biology at the University of Arizona seeks to fill one tenure-track faculty position in the broad area of genomics and the environment, particularly with applications to human health. Candidates’ research accomplishments and aims should show evidence of originality and should address significant evolutionary and/or ecological questions. Methods and approaches can include population genetics, functional and comparative genomics, bioinformatics, field and experimental studies, and can focus on any group of organisms. We are particularly interested in researchers who link genomics to the environment, for example by identifying the genetic basis of adaptation to different environments, the expansion of infectious diseases into new geographic regions as a result of climate change or changes in land use, and the environmental determinants of human genetic diseases. We will consider applicants at all ranks (ASSISTANT, ASSOCIATE, and FULL PROFESSOR). Prominent senior candidates are especially encouraged to apply. To apply, please submit a cover letter, a statement of research interests, a statement of teaching interests, complete curriculum vitae, up to five reprints of published work, and arrange for three letters of recommendation to be sent to: Genomics Search Committee, Department of Ecology & Evolutionary Biology, 1041 E. Lowell Street, University of Arizona, Tucson AZ 85721.

POSTDOCTORAL POSITION

Climate/Energy Decision Making

Carnegie Mellon University

Postdoctoral position in Climate/Energy Decision Making: Prefer B.A. in science or engineering and Ph.D. in behavioral social sciences. For details, see Postdoctoral positions at website: http://www.ccp.cmu.edu/jobs. Send resume, sample papers, and list of references to Meryl Sustarsic (e-mail: meryl@andrew.cmu.edu).

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Statement required by the Act of 12 August 1970, Section 3685, Title 39, United States Code, showing the ownership, management, and circulation of:

1. Science, Publication No. 0686-807S, is published weekly on Friday, except the last week in December, at 1200 New York Avenue, N.W., Washington, DC 20005. Date of filing: 27 September 2010. This is also the address of the publisher, the editor, and the managing editor, who are, respectively, Beth Rosner, Bruce Alberts, and Monica M. Bradford.

2. The owner is the American Association for the Advancement of Science, 1200 New York Avenue, N.W., Washington, DC 20005. Stockholders: None.

3. Known bondholders, mortgages, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities: None.

4. The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes have not changed during the preceding 12 months.

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7. I certify that the statements made above are correct and complete. (signed) Beth Rosner, Publisher.

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