The Bill & Melinda Gates Foundation seeks bold ideas from innovative thinkers to solve the greatest challenges in global health.

As part of our Grand Challenges Explorations initiative, grants of $100,000 are awarded two times a year. Projects that show great promise have the opportunity to receive a subsequent grant of $1 million or more.

Proposals will be accepted March 31 through May 28, 2009.

Please visit www.grandchallenges.org/explorations for Round 3 topics and complete application materials.
The Department of Pathology invites applications for a non-tenure-track RESEARCH INSTRUCTOR position in the Division of Molecular and Cellular Pathology. This individual will contribute to the discovery of molecular and biochemical characterization of metastasis suppressors. Since the project is focused on breast cancer metastasis suppression, expertise with breast cancer and/or mammary gland biology, chromatin remodeling complexes and in vivo animal models of metastasis is required. The applicant must also have a solid track record of peer-reviewed research publications and preferably a record of successful federal funding. The successful candidate will be expected to initiate an active extramural funding program. Salary will be commensurate with experience. Self-motivated applicants must hold a Ph.D. in cell biology, biochemistry, or similar field and have a minimum of four years of relevant postdoctoral experience. Interested candidates should submit a letter of interest together with a comprehensive curriculum vitae that outlines research interests to: Danny R. Welch, Ph.D., Division of Molecular and Cellular Pathology, Department of Pathology University of Alabama at Birmingham, 1670 University Boulevard VH-G019, Birmingham, AL 35294 0019. The University of Alabama at Birmingham is an Affirmative Action/Equal Opportunity Employer and welcomes applications from qualified women and minorities.

DUCTUS ARTERIOSUS SCIENTIST

The Department of Medicine/Section of Cardiology is seeking qualified applicants for a full-time RESEARCH ASSOCIATE (ASSISTANT/ASSOCIATE/PROFESSOR) position to work with Dr. Stephen Archer on the physiology and O2 sensing mechanisms of the human ductus arteriosus (DA). The successful applicant will join the Heart and Vascular Research Group, led by Dr. Archer. The primary activity of the Research Associate (Assistant/Associate/Professor) is academic research to study mechanisms of O2 constriction in human ductus arteriosus, in association with a faculty member or team. Qualified applicants are required to possess a doctorate degree in pathology and pathophysiology. Applicants should possess excellent knowledge and experience with patch clamp technique of whole cell and single channel recordings and calcium imaging technique. Experience in small animal work (including small animal surgeries) and basic molecular biology skills such as RT PCR are required. Two to three years of postdoctoral training is required. Applicant should be familiar with physiologic assessment of the cardiopulmonary system, including the use of the isolated perfused lung model. A demonstrated track record of publication and the potential to apply for peer-reviewed funding is preferred. Compensation and level of appointment are dependent on qualifications. The University provides a generous package of fringe benefits. Screening of applications will continue until position is filled. Interested applicants should submit cover letter, curriculum vitae, and three letters of reference electronically to: Dr. Stephen Archer, e-mail: sarcher@medicine.bsd.uchicago.edu. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

Drexel University College of Medicine in Philadelphia, Pennsylvania, is seeking a full-time chemistry ASSISTANT PROFESSOR to teach graduate forensic toxicology, undergraduate chemistry I and II, and organic chemistry I and II starting in August 2009. Educational requirement: Ph.D. in chemistry with college-level teaching experience required. Please send curriculum vitae to e-mail: medsci@drxelmfed.edu.

NIH-funded POSTDOCTORAL POSITIONS are available to study mechanism of human and bacterial DNA helicases for recent Ph.D.s in molecular biology, enzymology, or biophysics. NIH scale salary. Must be U.S. citizen or permanent resident. Send curriculum vitae and references to: Dr. Subhash Biswas, e-mail: biswassb@umdnj.edu.

The Purdue University School of Veterinary Medicine (website: http://www.vet.purdue.edu/), invites applications for the position of Head of the Department of Comparative Pathobiology (website: http://www.vet.purdue.edu/phb/). We seek an individual with strong leadership skills, an internationally recognized record of scholarship and research, and the ability to guide this Department of 33 faculty members in their continued development of excellence in learning, diagnostic engagement, and discovery. Departmental faculty members have expertise and research interests in pathology, microbiology, immunology, parasitology, epidemiology, public health, toxicology, and reproductive and animal health. The Department has approximately 50 graduate students who participate with faculty members in multidisciplinary and multi-institutional research projects. The graduate program includes residency training in veterinary anatomic and clinical pathology and in laboratory animal medicine. Faculty members teach in the veterinary professional curriculum, the veterinary technology program, and the professional curriculum of the Indiana University School of Medicine at Lafayette. Some faculty members also have partial appointments in other units on campus. The School of Veterinary Medicine has a strong focus on comparative medicine and offers research support laboratories in the Medical Discovery Resource Unit (website: http://www.vet.purdue.edu/mdru/). Purdue University provides exciting opportunities for collaborative and interdisciplinary research through the National Cancer Institute-funded Purdue Cancer Center, the Bindley Bioscience Center and Birck Nanotechnology Center in Discovery Park (website: http://www.purdue.edu/discoverypark/), the Department of Biomedical Engineering, and other academic departments and centers.

The successful candidate must have a D.V.M. (or equivalent) and/or Ph.D. degree, qualify for appointment as a tenured FULL PROFESSOR and have a record of extramurally funded research. Candidates must have a track record with modern molecular technology in the investigation of natural and experimental disease of infectious and noninfectious origins. Candidates must possess outstanding communication and interpersonal skills; administrative experience is desired. Commitment to the departmental missions of discovery, learning, and engagement and the promotion and implementation of the School’s strategic plan (website: http://www.vet.purdue.edu/strategic_plan/StrategicPlan2008-2014.pdf) are essential. The Department Head must be dedicated to promoting the career development of others and to promoting an atmosphere of cultural diversity. The Department Head will work closely with the Director of the Animal Disease Diagnostic Laboratory (website: http://www.addl.purdue.edu/) and must value and support diagnostic activities. The Department Head serves on the Executive Committee and the Academic Leaders Group of the School.

The review of applications will begin on July 1, 2009, and will continue until the position is filled. Applications, including a statement of professional goals, curriculum vitae, and names and addresses of four references, should be sent as PDF files to e-mail: whiteb@purdue.edu. Applicants wishing more information are encouraged to contact Dr. Steve Hooser, Chair of the search committee, at e-mail: shooser1@purdue.edu or by telephone: 765-494-7440. Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse work force.
CORPORATE CULTURE IN CURRENT TIMES - SEEKING THE RIGHT FIT

Like it or not, each of us has only 168 hours a week to spend in whatever way we see fit, and most of us apply at least one-fourth of those hours—about half of our waking hours—engaged in some type of gainful employment. The “corporate culture” of where we work and whether our chosen employer represents an appropriate fit, therefore, will play a significant role in our day-to-day joie de vivre. By Emma Hitt

For scientists selecting a place to work in industry, several components of a company’s corporate culture should be considered, some of them unique to a particular company (corporate philosophy, the extent to which employees are allowed to act upon their scientific thinking) and some of them standard for the industry (pay, benefits, dress code). Talking with people and networking are essential steps in determining a company’s corporate culture, whereas a company’s website is not always the best place to get a clear picture.

Components of Corporate Culture
Corporate culture is one of those nebulous terms that conjures up a variety of images. Some of them may be positive: a welcoming environment where people feel secure in their jobs, where independent thinking and work-life balance are encouraged. And some may be not so positive: excessive work hours or unexpected changes in job description. While no standard definition of corporate culture exists, the term typically refers to the overall philosophy and environment of a workplace: can you wear jeans or is a business suit the norm? Does a company focus on innovation or do they try to do what they already know? What would happen if you showed up 15 minutes late or told your direct supervisor that you disagreed with his/her ideas? The answers to these questions and others constitute the unique style and policies of a company.

Some of the key factors to consider with respect to corporate culture include diversity in leadership, philosophy about work-life balance, project range and scope, attitudes about employee development, the mission statement, and tolerance for diverse ideas, notes Karen Habucky, the 2008 president of the American Association of Pharmaceutical Scientists (AAPS), an educational and networking professional development society of about 13,000 scientists.

The Times They Are A-Changin’
With recent layoffs and restructuring at numerous companies, an important issue that directly affects corporate culture these days is job security. “The industry as a whole is going through a rather rigorous evolution,” says Michael Steiner, leader of the Pharmaceutical Executive Services Group at RegentAtlantic Capital, LLC, and provider of wealth management services for pharmaceutical and biotech industry executives. Compared to some industries, the pharmaceutical industry is faring well, but at the same time, pharma and biotech companies are contending with unique pressures, such as patent expirations and changes in health care. In addition, layoffs in the thousands have been taking place at some of the bigger pharmaceutical companies. “Several forces are seemingly colluding,” Steiner says, “and these forces are building upon one another to create a good deal of synergistic pressure.” continued

Several forces are seemingly colluding, and these forces are building upon one another to create a good deal of synergistic pressure.”

UPCOMING FEATURES
Diversity Feature: Asian American Scientists — May 29
Focus on Cambridge/Oxford/London — June 26
Bioentrepreneurship — July 17
According to Steiner, corporate culture has been influenced in a dramatic way by these changes. What used to be a “paternalistic” type culture—where an employee would start work right out of graduate school, stay for 30 years, and be “taken care of” by a company, is no longer the norm. “What we see is more of a shift towards an entrepreneurial-like atmosphere,” he says. “People are encouraged to take more business risks, because ultimately this is where the rewards are to be found. In the past, employees have tended to get too complacent and comfortable in their positions at the expense of innovation.”

“In tight economic times, we are all being asked how things can be done quicker and cheaper while maintaining high quality standards,” Habucky says. “In the future, I feel there will be a greater emphasis on creative problem solving and more challenges to the status quo; this could lead to the development of innovative ideas that will help propel the industry through the tough times, and scientists may even feel a greater ownership in a company’s success,” she says.

Many companies are understaffed right now, given budget constraints and layoffs, according to Shannon Peryea, an executive recruiter for the pharmaceutical industry with Sheila Greco Associates. “Employees will be working longer hours, handling a larger workload, while being paid the same salary,” she says. “Until things pick up and companies are given the green light to hire new employees or bring back laid-off workers, I think most corporate cultures will tend toward a ‘roll up your sleeves and pitch in anywhere you are needed’ type mentality. This may cause some amount of worker burnout, but I think when things improve, the companies will not forget those who stayed and worked their hardest to ensure the company survived,” Peryea notes.

Sizing Up Opportunity

Steiner suggests that a key question people need to ask themselves is whether they are more suited to working for a large or a small company. “Picking a big company simply because of perceived stability can be a mistake these days—you cannot apply safety in numbers any more,” he says, “although picking a smaller company sometimes means even more risk, but a higher potential reward.”

Genentech, which employs about 11,000 workers (and in January 2009 had 585 job openings), has been included on the Fortune “100 Best Companies to Work For” list for 11 consecutive years and has ranked in the top 10 in recent years (No. 1 in 2006, 2 in 2007, 5 in 2008, and 7 in 2009). The Fortune 100 list includes companies in any industry with more than a thousand employees and that have been in business for at least seven years. Rankings are based mainly on responses by employees to a 57-question survey and the findings of a “culture audit,” which includes questions about demographics, pay scales, benefits, and other factors.

At Genentech, the CEO (Arthur D. Levinson) wears jeans and sneakers and “it is not unusual to walk into the research labs and hear music blaring while scientists conduct experiments in search of important discoveries,” says Robin Snyder, with Genentech Corporate Relations. “We refer to this combination of gravity and informality as ‘casual intensity,’ and we believe it is part of what has made us successful.” Genentech perks include free espresso and the use of a WiFi equipped “GenenBus” to neighborhoods throughout the greater San Francisco Bay Area. In addition, regular full-time employees get six paid weeks of sabbatical every six years.

Another large company, AstraZeneca, which has approximately 66,000 employees, ranked No. 5 in Science magazine’s ranking of the world’s most respected biopharmaceutical employers in 2008. Benefits include flextime, the opportunity to work a compressed work week and/or telecommute, and on-site services such as a hair and nail salon and DVD rentals. According to Sarah J. Bolton, a research scientist with Global Discovery at AstraZeneca, the best things about working at AstraZeneca include the flexible work arrangements and the opportunity for “work-life balance.” Bolton also points out that many training opportunities are available. For instance, an e-learning module entitled “Working for Your Inner Boss,” a worksheet called “Keeping Your Balance,” as well as other personal and management development tools are available. “AstraZeneca encourages and challenges its scientists to come up with innovative ways of approaching disease targets and to better understand the wider implications for patients,” she says. “There also seems to be an increasing openness and transparency, as well as an acceptance of employees challenging the status quo,” she adds.

At the other end of the size spectrum, Allen Sessions, a senior scientist for GrassRoots Biotechnology, says he enjoys working at a “small, young” company. GrassRoots, located in Chapel Hill, North Carolina, currently has only seven employees and is developing crop lines for the biofuel, food, and industrial markets. “In a small company, more time is spent on science, whereas the established culture of a big company has the potential to stifle the

---

**Featured Participants**

- **American Association of Pharmaceutical Scientists**
  - [www.aapspharmaceutica.com](http://www.aapspharmaceutica.com)

- **AstraZeneca**
  - [www.astrazeneca.com](http://www.astrazeneca.com)

- **Genentech**
  - [www.gene.com](http://www.gene.com)

- **GrassRoots Biotechnology**
  - [www.grassrootsbio.com](http://www.grassrootsbio.com)

- **Massachusetts Biotechnology Council**
  - [www.massbio.org](http://www.massbio.org)

- **RegentAtlantic Capital, LLC**
  - [www.regentatlantic.com](http://www.regentatlantic.com)

- **Sheila Greco Associates**
  - [www.sheilagreco.com](http://www.sheilagreco.com)

---

**FOCUS ON CAREERS**

**BIOTECH AND PHARMA**

“In a small company, more time is spent on science, whereas the established culture of a big company has the potential to stifle the creative spirit and take time away from doing science.”

—Allen Sessions

---

**Sizing Up Opportunity**

Steiner suggests that a key question people need to ask themselves is whether they are more suited to working for a large or a small company. “Picking a big company simply because of perceived stability can be a mistake these days—you cannot apply safety in numbers any more,” he says, “although picking a smaller company sometimes means even more risk, but a higher potential reward.”

Genentech, which employs about 11,000 workers (and in January 2009 had 585 job openings), has been included on the Fortune “100 Best Companies to Work For” list for 11 consecutive years and has ranked in the top 10 in recent years (No. 1 in 2006, 2 in 2007, 5 in 2008, and 7 in 2009). The Fortune 100 list includes companies in any industry with more than a thousand employees and that have been in business for at least seven years. Rankings are based mainly on responses by employees to a 57-question survey and the findings of a “culture audit,” which includes questions about demographics, pay scales, benefits, and other factors.

---

**Featured Participants**

- **American Association of Pharmaceutical Scientists**
  - [www.aapspharmaceutica.com](http://www.aapspharmaceutica.com)

- **AstraZeneca**
  - [www.astrazeneca.com](http://www.astrazeneca.com)

- **Genentech**
  - [www.gene.com](http://www.gene.com)

- **GrassRoots Biotechnology**
  - [www.grassrootsbio.com](http://www.grassrootsbio.com)

- **Massachusetts Biotechnology Council**
  - [www.massbio.org](http://www.massbio.org)

- **RegentAtlantic Capital, LLC**
  - [www.regentatlantic.com](http://www.regentatlantic.com)

- **Sheila Greco Associates**
  - [www.sheilagreco.com](http://www.sheilagreco.com)
Lead the next generation of pharmaceutical science.

Discover the Answers that Matter.

Eli Lilly and Company is a leading, innovation-driven pharmaceutical corporation with approximately 42,000 employees worldwide. Lilly is developing a growing portfolio of best-in-class, first-in-class pharmaceutical products. We achieve this by applying the latest research from our own worldwide laboratories, by collaborating with eminent scientific organisations and by making use of the most up-to-date technological tools.

Established in 2002, Lilly Singapore Centre for Drug Discovery (LSCDD) is now expanding its capabilities to discover and develop new medicines more productively, in the areas of cancer and metabolic disorders. We form a network of drug development partners, and through innovative data integration approaches, discover and apply biomarker and patient-tailoring solutions.

Located in the exciting Singapore Biopolis, LSCDD’s multi-disciplinary and multi-cultural team is working to redefine the leading edge. We are looking for outstanding individuals with demonstrated industry experience in Biotech/Pharmaceutical/Drug Discovery to fill the following positions:

• Group Leader, Diabetes Biology
• Senior Scientist, Diabetes Biology
• Group Leader, Cancer Biology
• Group Leader, Target Identification & Validation (Systems Biology)
• Bioinformatics Group Leader (Systems Biology)
• Bioinformatics Manager (Integrative Computational Sciences)
• Senior Statistical Geneticist (Integrative Computational Sciences)
• Senior Bioinformatics Scientist (Integrative Computational Sciences)
• Principal Statistician (Integrative Computational Sciences)

Log on to www.lscdd.lilly.com.sg to find out more about this position and what a career at Eli Lilly and Company can offer you. Eli Lilly is an equal opportunity employer.

www.lscdd.lilly.com.sg
Changing tomorrow

Impacting tomorrow.

At Astellas, the impact of what we do every day is obvious. We know that we can make a difference, so everyone here is receptive to being innovative and creative. We have a chance to work more broadly here; we are not boxed in by the department or the area to which we are assigned. I’m a Senior Medical Director and I’m helping Astellas change tomorrow.

De-Gaulle Cabinda
Senior Medical Director

Together, we shine!
www.us.astellas.com

MedImmune is an Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, gender, age, national origin, disability, veteran status, or any other characteristic protected by federal, state or local law.

MedImmune

When our product Synagis® (palivizumab) was approved, every person here felt a deep sense of pride.”

“This is My MedImmune.”
— Melissa, Research

Making a real-life difference.
MedImmune people do it every day.
They are more than dedicated. They are passionate. Because they know their work is too important not to give everything, every day. MedImmune people also see the positive results of their work – that’s where the exceptional satisfaction comes in.

We invite you to join us at MedImmune, as our pipeline of research and products continues to grow — and as we impact more lives more often, around the world.

We have opportunities in a variety of areas such as:
• Research • Development
• Clinical • Operations

For more information and to APPLY ONLINE, visit our web site at: www.medimmune.com/careers

MedImmune

CARDIOLOGY
DERMATOLOGY
IMMUNOLOGY
INFECTION DISEASE
UROLOGY

Astellas
Leading Light for Life

online@sciencecareers.org
careers in biotech and pharma

CAREERS IN BIOTECH AND PHARMA
Research Associate/Scientist (CNS Research)

Who we are
At Roche, 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we’ve become one of the world’s leading research-focused healthcare groups. Our success is built on innovation, curiosity and diversity, and on seeing each other’s differences as an advantage. To innovate healthcare, Roche has ambitious plans to keep learning and growing – and is seeking people who have the same goals for themselves.

The headquarters in Basel is one of Roche’s largest sites. It is home to the Corporate Executive Committee, the Pharmaceuticals and Diagnostics Divisions and the global business functions. Roche Basel also covers the entire business chain from research, development and production through to marketing. Over 8,000 people from more than 60 countries work at the site.

The Position
You will join a behavioural pharmacology section within the Neuroscience area. This section is responsible for providing the full range of expertise and technologies to profile molecules in animal models of psychiatric disorders throughout the course of drug discovery. The scientists of the behavioural pharmacology section are integrated members of drug discovery project teams and are responsible for the full characterisation of drug candidates and provide key information on in vivo activity in projects. In your role as research scientist you are expected to conduct laboratory research and to provide scientific input to ongoing and newly established drug discovery programs. As part of the project teams you will report directly to project leaders and senior level scientists.

Who you are
You’re someone who wants to influence your own development. You’re looking for a company where you have the opportunity to pursue your interests across functions and geographies, and where a job title is not considered the final definition of who you are, but the starting point.

You have a PhD in psychopharmacology or a related discipline, with experience in model development and statistical analysis. Knowledge of neuropharmacology and neuroanatomy are considered a plus. You have a strong technical troubleshooting skill and you are driven by quality. You have practical knowledge of the drug discovery process gained in an industrial environment, in particular active and successful participation in CNS drug discovery programs. You will have provided high quality data and reports and you will have contributed to documentation preparation (company presentations, patent applications, IB, and due diligence). You will also have published your data in peer-reviewed scientific journals. You will be responsible for the development and implementation of a battery of behavioural tests and for the supervision of testing drug candidates.

In your role as research scientist you will continuously support our discovery programs with your expertise and with high quality data. You will communicate your data to project teams and senior management, and will propose and execute in vivo experiments for the continued progression of the project, for patent exemplification and Investigator Brochure documentation. You are flexible, have strong team skills and are used to paying attention to detail and adjusting to new challenges. You have an excellent command of spoken and written English and good presentation skills.

Job ID No.: 15051
Contact HR: M. Ceroni, +41 61 687 34 58
Contact Line: J. Wettstein, +41 61 688 81 13

The next step is yours. To apply online today or learn about other exciting positions, please visit http://careers.roche.com
Gilead Sciences is passionate about advancing therapeutics and improving the lives of the patients who use them. We are motivated to make a difference and our employees thrive in a culture that challenges and inspires. Our research is driven by the commitment of our employees and they see their hard work reach the patients in the market. Join a team that is proud of its success and propelled by the opportunities ahead.

Come visit us at Booth #107 at the BIO Career Fair
Atlanta, GA • May 18th, 2009

We are always seeking talented Research and Development Professionals. For a complete list of our opportunities visit our website.
Life Technologies, created through the combination of Invitrogen Corporation and Applied Biosystems, Inc., is a global biotechnology tools company dedicated to improving the human condition.

Life Technologies gives you the opportunity to apply your expertise, develop your skills and play an active role in making an impact in the world. Whether it’s in scientific research, product sales or many other areas that support improving the human condition, at Life Technologies, a career here means not only transforming yourself, but transforming life.

Life Technologies values and promotes a diverse workplace that allows each individual to succeed. Visit: www.lifetechnologies.com today to learn how you can make Life Even Better.

Come visit our booth at the BIO Career Fair in Atlanta, GA on May 18th, 2009.
creative spirit and take time away from doing science,” Sessions believes. According to Sessions, in this phase of the company’s development, every type of idea is encouraged. “We make decisions as a group and there is a feeling that the sky is the limit if our creative juices can get it all right,” he says.

Seeking the Right Fit
Most information about a company’s culture can be gained by talking to people, and networking with recruiters and members of industry associations, Habucky says. An important question to ask that is particularly relevant in science is whether a given job will be intellectually challenging and stimulating and will present opportunities for growth. “Your career is a commodity and you need to develop a ‘business plan’ to make it flourish,” she advises. “The plan needs to include short- and long-term goals that incorporate continual learning and the diversification of your skill set.”

Another important aspect to consider, especially in the current market, is the financials of a given company and whether that company is stable, says Steiner. “This is especially important if you are seeking a job at a smaller, venture-backed, or private-equity–backed company,” he says. “You want to find out whether they have three months or three years worth of cash on hand. Take a look through the company’s financial reports to the extent they are available. In many instances you may find that the income statement is really an expense statement. At that point you should look at their assets to find out whether they have enough cash to sustain the company.” If there is still concern about the financial viability, ask what the plan and likelihood is of obtaining additional capital. This can give a sense of how much potential there is with a company and whether investors believe in that potential.

Then there’s the pay, which isn’t everything, but certainly counts toward job satisfaction. The average salary in the biotech industry in Massachusetts is over $100,000, says Bob Coughlin, president and CEO of the Massachusetts Biotechnology Council, which has a membership of close to 650 biotechnology companies, universities, and academic institutions in the area. Likewise the AAPS Annual Salary Survey reported that the median base annual income for its members who responded to the survey was $115,000, with a total median compensation of $131,000. The survey also indicated that the typical (median) US full-time employee has been with the current principal employer for five years; only 8 percent indicated 20 years or more, while 17 percent indicated fewer than two years.

Think Not What Your Company Can Do for You...
In summary, it is important to think about what you have to offer to companies more than what they can offer you. In this current economic climate, turnover at many companies is high, particularly at the larger companies and at the upper levels of management. “Changes in upper-level management are made as a cost-savings move,” Steiner says. “A company can lay off a person with 30 years of experience and bring in someone with 20 years of experience, with a resulting salary and benefit savings.” As a result of these changes, there will really be two types of people that will thrive in the current and future pharmaceutical and biotech industry, says Steiner, and they can be classified as either “athletes” or “specialists.” The athletes are people who can deal with adversity and complex challenges, and who can marry the science and business aspects of industry. These individuals may not be highly technical, but are able to see the big picture. They will continue to be much sought-after for upper management positions. By contrast, the specialists are people who have highly technical skills, with more depth than breadth. Those people can exploit their individual talents and continue to build on them, and will survive no matter what the corporate culture.

Six Future High-Growth Areas in Industry
1. Commercialization of Dormant Compounds
Companies often have a reservoir of compounds that they abandoned prior to FDA approval, or that they did not commercialize. Finding ways to reposition or repurpose these compounds is a high-growth opportunity due to the relatively low cost compared to developing new compounds. Repurposing a compound also extends the life of patent protection.

2. Generic or Biosimilar Versions of Biologics
Biosimilar versions of a treatment are not identical but have enough similarity to produce comparable results. This is likely to be a high-growth area, given the upcoming expiration of patents on some high-revenue biologics.

3. Improved Research and Development Efficiency
As R&D costs increase, a focus of industry will be to identify ways in which to improve efficiency while decreasing costs. Efforts will also be made to reduce the time from discovery to regulatory approval so as to maximize the life of a patent.

4. Oncology and Central Nervous System Disorders Research
These areas of research are especially important as the global population ages, with increasing burdens of Alzheimer’s disease and cancer. These trends will increase the need for new drugs in these areas.

5. Stratified Medicine and Diagnostics
Finding ways to tailor and personalize medicine, especially in the realm of diagnostic tests, presents a high-growth opportunity. Diagnostic tests are often cheaper and easier to develop than new therapies and are used by a larger segment of the population than actual therapies.

6. Fusion of Pharmaceuticals and Consumer Goods
Due to stricter regulation of consumer goods, companies specializing in these products are likely to increasingly seek individuals with experience in the pharmaceutical industry because of their ability to manage highly regulated businesses and to ensure product safety and efficacy.


Emma Hitt is a freelance medical and science writer residing in Marietta, Georgia.

DOI: 10.1126/science.opms.r0900071
The world, re-imagnined

At Monsanto, our talented employees are contributing to our success as a global leader in biotechnology. By delivering exceptional results in one of the world’s most important industries – agriculture – we are creating solutions that improve productivity in farming while reducing the impact on our environment.

The life of the plants we depend upon most begins in a small seed. Within the right environment it grows to become something amazing. At Monsanto, our philosophy is the same – we are committed to helping individuals progress in careers with unlimited potential. We are looking for talented scientists who can work in dynamic, cross functional teams with specialization in one or more of the following fields:

- Bioinformatics Scientist
- Collaboration Manager
- Communication Lead
- Computational Biologist
- Data Manager and Database Administrator
- Lead Computational Biologist
- Lead Bioinformatics Scientist
- Patent Scientist
- Project and Relationship Manager
- Technology Alliance Manager

All Positions Located in China

Imagine your world at Monsanto by visiting us on our website, http://www.monsanto.com.cn/
Monsanto is an equal opportunity employer who values diversity.

Science Careers
careers@sciencecareers.org
www.careers.org
Neurological Surgery
Associate Professor / Professor

The recently established Center for Neuroscience at the Seattle Children’s Research Institute invites applications for a full-time faculty position, with the University of Washington School of Medicine Department of Neurological Surgery, at the rank of Associate Professor or full Professor, without tenure. Qualified applicants should be established investigators who are applying techniques of molecular, genetic or cellular biology to study mechanisms underlying hydrocephalus. The Center for Neuroscience at the Seattle Children’s Research Institute’s research vision is to restore children’s health through a mechanistic understanding. The applicant’s area of research interest should be complementary to the interests of current faculty working on various areas of neuroscience and bioengineering. Researchers interested in understanding CSF hydrodynamics, choroid plexus function, neuroendocrinology, brain metabolism, blood brain barrier function, brainstem neurobiology and proteomics research are particularly encouraged to apply. The successful candidate must have a M.D. and/or Ph.D. degree and have active nationally funded research grants. Level and salary will be based on applicant’s qualifications and experience. Responsibilities of the position include development of an independent, extramurally funded research program, establishing a hydrocephalus section within the Center for Neuroscience and mentoring graduate and post-doctoral students and junior faculty investigators.

This position is open until filled. Address any inquiries to Dr. Jan-Marino Ramirez, Center Director, at nino.ramirez@seattlechildrens.org. Please send CV, a statement of current and future research interests and the names and contact information of three references to: Wendy Kramer, Seattle Children’s Research Institute, 1900 Ninth Avenue, M/S C9S-9, Seattle, WA 98101.

For more information about Seattle Children’s Research Institute, please visit: http://research.seattlechildrens.org

All University of Washington faculty engage in teaching, research, and service. The University of Washington is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

3M Harry Heltzer Multidisciplinary Chair in Science and Technology

The Graduate School and the Institute of Technology at the University of Minnesota—Twin Cities invites applications and nominations for the position of 3M Harry Heltzer Multidisciplinary Chair in Science and Technology. This is a tenured and endowed position at the rank of associate or full professor (dependent upon qualifications and experience) in the area of physical and biological structures characterization using microscopy and imaging. Candidates must have outstanding academic and research records, with several years of successful research and teaching experience. A Ph.D. degree and dedication to teaching, graduate student advising, and regular and sustained interaction with industry are required. Candidates are sought whose research agenda will contribute to building cross-disciplinary and cross-college collaboration in one or more areas of strategic importance university-wide, including within the Institute of Technology and with other units at the University of Minnesota. This endowed chair is intended to foster industry-university research interaction and collaboration while advancing scientific and technological expertise in new frontiers of knowledge relevant to the Institute of Technology and 3M. Candidates with a background in any relevant areas of science or engineering are encouraged to apply. Department affiliation will depend on the candidate’s area of expertise, with the possibility of a joint appointment with one or more units in the Institute of Technology or elsewhere in the University.

Applications should be submitted online at: https://employment.umn.edu, under Req. # 154636, and include a cover letter, curriculum vitae (including list of publications), research description/plan, statement of teaching interest, and contact information for three references. Review of applications will begin immediately and continue until the position is filled. For further information, contact Douglas Ernie at ernie@umn.edu.

The University of Minnesota is an Equal Opportunity Educator and Employer.

POSTDOCTORAL POSITION,
Hematology and Medical Oncology-Institute for Computational Biomedicine

Weill Cornell Medical College seeks a highly motivated professional Ph.D. for a Postdoctoral position to explore the dynamics of the B-cell transcriptome during differentiation and malignant transformation, using the tools of high throughput analysis of chromatin and gene expression and function. The work will be performed under the supervision of Dr. Ari Mehnick, Associate Professor of Medicine and Biochemistry and Dr. Olivier Elemento, from the Institute for Computational Biomedicine. The applicant would join a thriving and highly interactive research team including cancer biologists, immunologists, hematopathologists, and computational biologists.

Requirements: PhD degree and experience in QPCR, ChIP assays, microarray assays, a basic understanding of microarray analytical statistical considerations, and ideally with experience in high throughput sequencing (e.g. Solexa, 454).

Appointments are for one year, with renewal based upon satisfactory performance and funding availability.

Excellent benefits package (includes tuition reimbursement).

Please send cover letter and resume to: AMM2014@med.cornell.edu

Weill Cornell Medical College
Eoe/M/F/D/V

Postdoc Position in Systems Neuroscience

The Werner Reichardt Center for Integrative Neuroscience (CIN, http://www.neuroscience-tuebingen.de/cin/) invites applications for a postdoctoral position in systems neuroscience. Applicants should have a Ph.D. or M.D. degree. The successful candidate will work in the field of tactile perception and its underlying neuronal basis in the rodent whisker system. The project will combine tactile psychophysics in awake behaving rodents with in vivo imaging techniques, and will be jointly supervised by two researchers within the CIN, Dr. Cornelius Schwarz (Hertie Institute for Clinical Brain Research, http://www.hih-tuebingen.de/en/ksforschung0/active-perception-lab/) and Dr. Jason Kerr (Max Plank Institute for Biological Cybernetics, http://www.kyb.mpg.de/kerrgroup/index.html). Experience in one of the following in vivo techniques is welcome, 2-photon microscopy, behavioral training, and/or electrophysiology – but other backgrounds are no criterion for exclusion. We are looking for someone who can work independently and is highly motivated. The salary is TV-L E13 (German, public employee salary scale). According to German law, disabled persons with equal occupational aptitude will be given preferred consideration. The University of Tübingen strives to promote equal opportunities in science and is committed to increasing the percentage of female scientists in teaching and research. Qualified female candidates are thus strongly encouraged to apply. Interested applicants should submit their curriculum vitae, a letter of interest with a statement of career objectives, and the names and contact information of three individuals qualified to comment on the candidate’s prior achievements. Please send applications in electronic form to cornelius.schwarz@uni-tuebingen.de.

Please indicate code number Zx53
Nominations and applications are invited for the position of Executive Director of the Virginia Bioinformatics Institute at Virginia Tech. The Executive Director will lead and direct the promotion and positioning of the Virginia Bioinformatics Institute as a premier transdisciplinary life sciences institute with research strengths in computational, molecular and systems biology, structural biology, infectious disease and cancer research, cyberinfrastructure for the life sciences, physics, complexity research, and policy informatics. The Institute was founded in 2000 and has quickly grown to 240 research and administrative personnel occupying more than 140,000 square feet of state-of-the-art research facilities at three sites: on the Virginia Tech campus, at the Virginia Tech Corporate Research Center (off-campus) and in Alexandria, Virginia, in the National Capital Region. The Institute has a combined annual operating and extramural research budget of more than $27 million, and is an organizational unit of Virginia Tech.

The Executive Director will represent the Institute’s interests at the executive level within the university, with key directors or division officers at leading federal funding agencies, with corporate partners, and with private foundations. The Executive Director will report to the university president or designee; will interact with, respond to, and support the Institute’s Policy Advisory Board and Scientific Advisory Board; and will be responsible for overseeing the development and execution of the Institute’s strategic plan in support of the university’s strategic plan.

Responsibilities

- Oversees the development of a recruiting strategy for executive personnel and key researchers.
- Secures private, federal, state and corporate funding and support for the furtherance of the Institute’s research, education, and outreach missions, consistent with the university’s and the Institute’s long range plans.
- Develops internal research resources that enable successful competition for high visibility, large-scale and highly complex research proposals in key research areas.
- Enables a creative research environment responsive to key granting agency research directions and to further collaborative research goals on campus.
- Advises university executive leaders of future research directions that will impact the university’s research goals.
- Ultimately responsible for budget and operations.

Qualifications

- Experience in leading and managing a research organization in a collegial or institutional environment as a scientific program director, project director, or principal investigator.
- Significant post-doctoral or professional research experience in relevant scientific field(s).
- Credentials consistent for appointment to rank of Professor.
- Record of high-quality peer-reviewed publications and excellent track record of extramural funding from federal and state agencies, private foundations and/or corporations.
- Creativity, high motivation, and leadership capabilities.
- Excellent communication and collaboration skills.
- Sound project management and laboratory management skills, if appropriate.
- Excellent leadership in grantsmanship at an institutional level.

Preferences

- Experience in leading and developing a collaborative environment or culture in transdisciplinary research.
- Ph.D. in Biology, Biochemistry or other Life Sciences discipline; Physics, Computer Science, Mathematics or other computational science discipline; with recognition of advanced scientific achievement.
Kumamoto University

Open Recruitment of Young Researchers (2nd Stage)

1. Open Recruitment of Researchers (2nd stage)
   - Special project researchers (all given the title of "specially appointed assistant professor")
   - A maximum of 3 researchers

2. Qualification Requirements
   (1) Academic degree, etc.: Young researchers who have obtained a PhD degree within approximately the past 10 years (as of April 1, 2009)
   (2) Achievements/ability: Has outstanding research capabilities and/or research achievements in one of the specialty areas outlined at the following website: http://sendou.kuma-u.jp/

3. Arrival: As soon as possible between September 2009 and October 2009

4. Period of Employment
   - Those hired in stage 2 will be employed through March 2014. (Contracts will be for one year each and will be renewed once a year through March 31, 2014.)
   - After having gone through career advancement evaluations and after the end of one's term of employment, it is possible for one to be promoted to the position of "Associate Professor" in the Kumamoto University Priority Organization for Innovation and Excellence. A total of approximately 8 people from stages 1 and 2 will be chosen for these positions.

5. Application Deadline: Applications must reach the university by no later than May 29, 2009 (Friday).

6. Inquiries: Any inquiries should be made by e-mail to the Research Cooperation Section (person in charge of research strategy) of Kumamoto University at the e-mail address written below: k-senryaku@jsimu.kumamoto-u.ac.jp

Please be sure to allow enough time before the application deadline for a response to be made to you.

For details on applying, please visit the following website: http://sendou.kuma-u.jp/

Applications will not be accepted through our website.

Lab Director and Division Directors, Dalian National Laboratory for Clean Energy

Dalian National Laboratory for Clean Energy (DNL), based mainly in Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences (CAS), is looking for outstanding candidates for DNL director and directors for its nine research divisions: optimized utilization of fossil energy, low carbon catalysis and engineering, energy saving & energy environment, fuel cell & energy storage, hydrogen energy, biomass energy, solar energy, maritime renewable energy, basic & strategic studies on energy, and service center for energy researches. More details about DICP can be found at http://www.dicp.ac.cn/.

Successful candidates for these positions should have a Ph. D. degree and are expected to be an accomplished scientist in his or her academic field, who has demonstrated a strong record of scientific publications in leading scientific journals. Candidates for the DNL director and directors for its nine research divisions should be under age of 55 and at the rank of full professor or equivalent position with a track record of management in universities or research institutions; while candidates, applying from abroad, for the DNL division directors should be at the rank of associate professor or above, and under age of 50.

Successful candidates will be provided with competitive salary and benefits. A generous start-up research fund for each successful candidate will also be provided.

Candidates, who are interested in these positions, should send a complete CV and publication list to Dr. Hua'an Zhang, Department of Personnel (86-411-84379556, talents@dicp.ac.cn), Mr. Zhiyuan Mao (maozy@dicp.ac.cn), Prof. Can Li (canli@dicp.ac.cn) and Prof. Tao Zhang (taozhang@dicp.ac.cn).

Shanghai Jiao Tong University

Med-X-Renji Hospital
Clinical Stem Cell Research Center
P. R. China

The newly established Med-X-Renji Hospital Clinical Stem Cell Research Center at Shanghai Jiao Tong University, P.R. China invites applications for the position of Director for the Center at the rank of Senior Research Scientist / Full Professor. Applicants should have a Ph.D. and/or M.D. degree, and a strong record of experience in stem cell research with clinical application preferred. The candidate will be expected to help build the research center. Review of applications will begin May 15, 2009, and be continued until the position is filled. Startup fund and salary package will be determined based upon experience and qualification. A cover letter, curriculum vitae, a statement of research interests and visions for the center development, and a list of 5 references with addresses, e-mail addresses, and telephone numbers must be included in the application, and mailed to: Prof. Jiufu Luo, Associate Dean for Human Resource at Med-X Research Institute, Shanghai Jiao Tong University, Shanghai 200030, P.R. China. Telephone: 86-21-62932359; Fax: 86-21-62932302; E-mail: jluo@sjtu.edu.cn.

SJTU is an Equal Opportunity/Affirmative Action Employer.

INSTITUT DE PHYSIQUE DU GLOBE DE PARIS
Earth - Planets - Environnement - Natural Hazards

DIRECTOR

The Institut de Physique du Globe de Paris (IPGP) is seeking applications for the position of Director of IPGP, which will begin October 1, 2010.

The IPGP is the largest institute of Earth Sciences in France and one of the largest in Europe. The Institute conducts research and education in geology, geophysics, geochemistry and the environmental sciences. It is in charge of monitoring the three active French volcanoes (Guadeloupe, Martinique, La Réunion) through its volcanic and seismological observatories. It is also in charge of the magnetic observatory of Chambon-la-Foret (international INTERMAGNET network) and the global seismological network GEOSCOPE. IPGP currently employs about 300 permanent researchers and staff. There are in addition some 200 MSc and PhD students, post-docs and visitors.

The Director will be responsible for supervising the Institute’s research and teaching activities, including general administrative tasks, and conducting negotiations with national and European funding agencies. The Director is also the chair of the Institute’s scientific Council, whereas the IPGP Board is chaired by a scientist from outside IPGP.

Candidates are expected to be highly accomplished scientists. They will be evaluated on the basis of their academic record in research and teaching, their experience in management, and their vision for the future of IPGP. Interested candidates should submit a two-page vision statement, their Curriculum Vitae and names of three individuals who are willing to be contacted references.

Applications must be received by June 15, 2009.

Application materials should be sent to: Lydia Zerbib - IPGP General Secretary, Institut de Physique du Globe 4 Place Jussieu, 75252 Paris Cedex 5, France
E-mail: zerbib@ipgp.fr - www.ipgp.fr
Medical College of Wisconsin
Chairman – Department of Biochemistry

The Medical College of Wisconsin (MCW) invites applications and nominations for a visionary leader to chair the Department of Biochemistry. The successful applicant will assume leadership of a nationally distinguished Department with 13 full-time, funded investigators, in all academic endeavors, including the education of medical and graduate students. Areas of research range from cell and developmental biology to structural biology with a unifying theme in biological processes at the molecular level. The department is home to state-of-the-art facilities and instruments for X-ray crystallography, NMR spectroscopy, mass spectrometry and fluorescence microscopy.

We are seeking candidates with outstanding leadership skills, a distinguished record of scientific achievement, training and mentoring, a vigorous externally funded research program, and national and international professional involvement consistent with the rank of Professor. Applicants will be considered with research interests in all areas of biochemistry. An attractive recruitment package is available that will enable the new chair to lead efforts for future growth with the potential addition of new faculty recruits and laboratory space. The successful candidate will play a major role in integrating the Biochemistry faculty into MCW strategic initiatives in cancer, cardiovascular and neuroscience research and will assume a leadership role within the institution.

MCW has a history of providing outstanding medical and graduate education, conducting novel biomedical research, providing innovative and compassionate patient care, and community service. We aim to attract and retain leaders who value creativity, integrity, excellence and innovation by cultivating a collaborative environment that offers a high-quality work life and advances the strategic direction of MCW to become the destination of choice for world class faculty and staff.

MCW is located on a suburban 248-acre, park-like campus. With 13,500 alumni, MCW has established itself as one of the nation’s premier medical schools, offering Master’s degrees, Ph.D. degrees, and Doctor of Medicine degrees. MCW is a major national research center with more than $92 million in NIH support for biomedical research, which positions MCW among the top third of the nation’s 125 medical colleges. In fiscal year 2007, external support for research, teaching and training totaled $135 million.

Interested applicants should submit a full curriculum vitae and letter of interest to:

Biochemistry Search Committee
c/o Office of the Dean
Medical College of Wisconsin
8701 Watertown Plank Road, Milwaukee, WI 53226

Questions may also be directed to Dr. Andrew Greene, Chair of Search Committee, at agreene@mcw.edu.

For additional information, please visit the departmental website at http://www.mcw.edu/biochemistry.

MCW promotes diversity and encourages applications from women and minorities. EOE/M/F/D/V

Postdoctoral
Fellowships 2009
National Opportunities.
International Reach.

CSIRO is Australia’s national science organisation with over 6,500 staff located across the country. It is one of the largest and most diverse research organisations in the world, with its research delivering solutions for agribusiness, the environment, information and communication technologies, health, advanced materials and manufacturing, minerals and energy, services, transport and infrastructure.

The CSIRO Postdoctoral Fellowship Scheme provides the opportunity for postgraduates to undertake postdoctoral research projects within CSIRO for a period of three years. 20 exciting postdoctoral positions are now being offered across a broad range of disciplines.

Detailed information on the projects on offer and how to apply, can be found at www.csiro.au/careers

The National Human Genome Research Institute
National Institutes of Health
Department of Health and Human Services

DIRECTOR

The Office of the Director, National Institutes of Health (NIH), is seeking exceptional candidates for the position of Director, National Human Genome Research Institute (NHGRI). The incumbent serves as the leader to an organization which conducts and supports pioneering approaches to bio-medical and behavioral research in genetics and genomics to advance scientific understanding of diseases affecting public health today. The organization plays an additional role in the dissemination of genomic research findings to health professionals and the public; the study of the ethical, legal and social implications of genome research and the support of training programs for young investigators. The Director, NHGRI, provides overall leadership for the research portfolio; sets Institute policies; develops scientific, fiscal, and management strategies to oversee the research portfolio; and coordinates genomics research initiatives for the NIH with other Federal, private, and international programs. In addition, the Institute supports international meetings, workshops, and other activities essential to the efficient international coordination and exchange of genomics data within the global research community.

Applicants must possess an M.D., Ph.D., or a comparable degree in the health sciences field, plus senior-level experience and outstanding scientific knowledge of research programs in one or more scientific areas related to genetics or molecular biology and demonstrated expertise in policy development regarding genetic research and the ethical, legal, and social implications of such research. Salary is commensurate with experience, and a full package of benefits (including retirement, health and life insurance, long-term care insurance, Thrift Savings Plan participation, etc.) is available. A detailed vacancy announcement, along with mandatory qualifications and application procedures, can be obtained via NIH’s Executive Jobs website: http://www.jobs.nih.gov/vacancies/executive.htm. Questions on application procedures may be addressed to Regina Reiter at (301) 402-1130. CV, bibliography, and a statement addressing the qualifications requirements must be received by close of business July 17, 2009.

DHHS and NIH are Equal Opportunity Employers
Nontraditional Careers: Opportunities Away From the Bench

Webinar

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

Now Available On Demand
www.sciencecareers.org/webinar

Participating Experts:
Dr. Lori Conlan
Director of Postdoc Services,
Office of Intramural Training and Education
National Institutes of Health

Pearl Freier
President
Cambridge BioPartners

Dr. Marion Müller
Director, DFG Office North America
Deutsche Forschungsgemeinschaft
(German Research Foundation)

Richard Weibl
Director, Center for Careers in Science and Technology
American Association for the Advancement of Science
DNA Sequencing and Computational Biology

Core Facility Director

Health and Human Services (HHS)
National Institutes of Health (NIH)
National Heart, Lung and Blood Institute (NHLBI)

An expert is sought in the area of Computational Biology with an emphasis on next-generation DNA sequence analysis to direct the DNA Sequencing and Computational Biology (DSCB) Core Facility, Division of Intramural Research (DIR), National Heart, Lung and Blood Institute (NHLBI), NIH in Bethesda, Maryland USA.

The successful applicant will interact with DIR Principal Investigators in the design and interpretation of experiments involving all applications of the Illumina/ Solexa DNA sequencing platform, including chromatin immunoprecipitation, RNA expression profiling, and both targeted and whole-genome DNA sequence determination. He/she will oversee DSCB Core Facility personnel in the maintenance and operation of Core sequencing instruments, in the introduction of standard operating procedures and QA/QC measures, in establishing a comprehensive sequence analysis pipeline, in basic bioinformatics studies for the presentation of sequence output to end users, and in original collaborative research at the interface between genomics and proteomics. State-of-the-ART infrastructure and support will be provided.

The DSCB Core Facility is part of an NHLBI DIR Initiative in Systems Biology, and the DSCB Core Director is expected to interact closely with the Director and staff of an independently operated DIR Proteomics Facility. Although the DSCB Core Facility is oriented toward providing service and conducting collaborative research, the Director will have the opportunity to devote up to 20% of his/her time to undertaking a personal research program in the area of integrative computational biology. The mission of the DIR is to improve the health of all Americans through basic and clinical research, research training, and translation of discoveries to new tools to be applied directly to the field of medicine.

We are seeking an experienced scientist (with Ph.D. or equivalent) with an outstanding track record in computational biology research. We prefer laboratory skills relevant to next-generation DNA sequencing technology but are not essential. Salary will be commensurate with qualifications and experience.

Applicants must be received by June 15, 2009. PDF versions of documents sent by electronic mail are strongly preferred. Materials should be sent to Dr. Alan M. Michelson c/o: Trina Gregory, Administrative Officer, NHLBI, by email: gregoryp@niblbi.nih.gov, or by regular mail: Building 10, Room 7N220, 10 Center Drive MSC 1670, Bethesda, MD 20892-1670.

HHS and NIH are Equal Opportunity Employers.

Eastern Illinois University invites applications for Chair, Department of Biological Sciences, 12 month position beginning July 1, 2010. The Chair is responsible for administration of all instructional programs in Biological Sciences. The Department includes 25 tenured/tenure track faculty and large undergraduate and graduate programs. Qualifications include a Ph.D. in Biological Sciences or a related field with a teaching, research and service record commensurate for tenure and the rank of full professor. Candidates must have a strong commitment to undergraduate and graduate programs and the advancement of faculty/student mentoring and research programs.

For more information on this position and application instructions, see the website at: http://www.eiu.edu/~colsci/biochair.php.

AA/EOE

Employment Opportunities
West Virginia University

Professor and Chair
Department of Basic Pharmaceutical Sciences

The School of Pharmacy is seeking an accomplished academic leader and scientist to serve as Professor and Chair of the Department of Basic Pharmaceutical Sciences. The position is a fully funded, 12-month appointment at the rank of professor or associate professor with tenure. Faculty rank and salary are commensurate with qualifications. The successful candidate will have the leadership skills and vision required to achieve the research, education, and service missions of the department and to promote collaborative research efforts.

Excellent opportunities exist for collaborations with faculty involved in drug discovery and therapeutics, as well as translational and population-based research. Recent Health Sciences Center research infrastructure additions include two research buildings that collectively provide approximately 200,000 sq. ft. of research space and a new Library Learning Center. The School of Pharmacy has active research collaborations with scientists in the campus-based NIOSH research facility, the Mary Babb Randolph Cancer Center, the WVU Center for Neuroscience, and the WVU Nano Initiative in nanoscience. WVU offers interdisciplinary Ph.D. research training programs in the biomedical sciences as well as a professional Pharm.D. degree.

Qualifications: Doctoral degree in a pharmaceutical science or related discipline, an active federally-funded research program, experience in program administration and planning, and experience in graduate and professional student education.

West Virginia University is a land grant Carnegie-designated Doctoral Research/Extensive institution, with approximately 27,000 undergraduate and 5,500 graduate/professional students. The WVU Health Sciences Center includes the Schools of Pharmacy, Medicine, Dentistry, and Nursing. Morgantown has 55,000 residents and is rated as one of the best small towns in the U.S., with affordable housing, excellent schools, a picturesque countryside and many outdoor activities.

The position is available immediately, and applications will be accepted until an appointment is made. Applications must include a formal letter of application; curriculum vitae; and the names, addresses (including e-mail), and phone numbers of three references. Please submit all application materials to: Dr. Terry Schwinghammer, West Virginia University School of Pharmacy, P.O. Box 9520, Morgantown, WV 26506; telephone (304) 293-2573; fax (304) 293-7672.

Electronic submissions are encouraged: tschwinghammer@hsc.wvu.edu.

For more information, please visit www.hsc.wvu.edu

WVU is an AA/EOE Employer. Minorities, persons with disabilities and women are encouraged to apply.
Center for Immunology and Microbial Disease
Albany Medical College
Faculty Position

The Center for Immunology and Microbial Disease at Albany Medical College invites applications for a tenure-track faculty position from individuals who have a doctoral degree, postdoctoral experience, and demonstrated research productivity. Those with an interest in host-pathogen interactions are particularly encouraged to apply. The successful candidate will be expected to establish an independent, extramurally funded research program and participate in the teaching of medical and graduate students. The basic science departments at Albany Medical College are organized as interdisciplinary research centers and the Center for Immunology and Microbial Disease has a focus on microbial pathogenesis and immune defense, particularly as related to biothreat agents and emerging infections. Faculty at the Albany Medical College receive competitive salaries, attractive start-up packages, and access to the Center’s ABSL-3/BSL-3 Microbiology and Immunology Core Labs. In addition, we have established a close relationship with the New York State Department of Health Wadsworth Laboratories, providing a diverse environment that is rich in infectious disease expertise. Albany Medical College is located in a mid-sized city within the upstate New York Capital Region, and has easy access to Boston, New York City, and the Adirondack Mountains.

Applicants should send their curriculum vitae, a statement of research plans, and three letters of reference to: Dennis W. Metzger, Ph.D., Professor, Theobald Smith Alumni Chair and Director, Center for Immunology and Microbial Disease, Albany Medical College, 47 New Scotland Avenue, MC-151, Albany, NY 12208.

For further information about the Center, visit www.amc.edu/Academic/Research/imd.htm.

An Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

ASSISTANT/ASSOCIATE PROFESSOR OF BIOCHEMISTRY

The Department of Biochemistry, University of Missouri, invites applications for a tenure-track Assistant or Associate Professor position from scientists applying biochemical and molecular approaches to the study of fundamental biological processes related to health and disease. We are particularly interested in individuals who would complement existing research strengths in neurodegenerative diseases, inflammation, radiopharmaceuticals, molecular nutrition, diabetes/cardiovascular disease, cancer and ageing. The University is noted for interdisciplinary research programs including a multidisciplinary Life Sciences Center, a NIH-funded Imaging Center that complements a productive institutional nuclear reactor and an International Institute for Nano and Molecular Medicine. Position qualifications include a Ph.D. and/or M.D. in biochemistry or related field and postdoctoral experience. The successful applicant will develop or continue an outstanding research program and contribute to Departmental teaching activities.

Submit a curriculum vitae and descriptions of current and planned research activities, and have three letters of reference sent to: Chair Biochemistry Search Committee, Department of Biochemistry, 117 Schweitzer Hall, University of Missouri, Columbia, MO 65211. Electronic submission to biochemsearch@missouri.edu is encouraged. Review of applications will begin July 1, 2009.

MU is an EEO/AA/ADA Employer, and encourages applications from women and minorities. For ADA accommodations, please contact our ADA Coordinator at (573) 884-7278 (TTY).

Associate or Full Professor

Thomas Jefferson University, Department of Pathology, Anatomy & Cell Biology invites applicants for research faculty positions at the level of Associate Professor or Full Professor (tenure track) with scientific interests in neuroscience, cardiovascular biology and pathology, or tumor development and metastasis. Successful candidates will interact and develop collaborations with well-established investigators in these and related areas, with the goal of developing effective, multi-investigator groups in focused research themes. Applications from individuals with MD, MD/PhD, PhD or equivalent degrees, with backgrounds and active grant funding are welcome. Preference will be accorded to federally funded investigators with vigorous research programs in the target areas listed, and to those with established capabilities of collaborating effectively with others. Training in Pathology, and the ability to participate in clinical activities relevant to the research focus is optional.

Applicant qualifications will determine the level of appointment, faculty track, including tenure or tenure-track, and the availability of additional positions as part of the recruitment package.

Thomas Jefferson University is home to one of the largest and most active groups of investigators in a Department of Pathology in the United States. Key areas of interest include neurodegenerative diseases and neuroAIDS, cellular signaling pathways, alcohol-induced tissue and cellular injury, computational and systems biology, tumor invasion and metastasis, matrix biology, and gene therapy. The University has identified four strategic areas for research growth: oncology, neurosciences, cardiovascular biology and infection and immunity. Active transdepartmental centers, including the Kimmel Cancer Center, the Farber Institute for Neurosciences and the Wills Eye Institute provide a framework for programmatic development. Important collaborations both among departmental investigators and between departmental scientists and others on campus encompass the areas of concentration for which we currently seek applicants.

All correspondence should include the following: curriculum vitae; names and contact information for at least three professional references; summary of current and pending grant support; and an introductory letter emphasizing professional and investigative goals, active collaborations and anticipated career developments.

Please address all correspondence to: David S. Strayer, MD, PhD, Professor, Head, Faculty Search Committee, c/o Ms. Jennifer Jackson, 279 Jefferson Alumni Hall, Department of Pathology, Jefferson Medical College, Thomas Jefferson University, 1020 Locust Street, Philadelphia, Pennsylvania 19107. Apply at our website www.jefferson.edu/careers refer- ence #52657. Also send by email to Kathleen.welsh@jefferson.edu and cc Jennifer.jackson@jefferson.edu.
Assistant/Associate Professor

The Division of Cancer Immunotherapeutics and Tumor Immunology invites applications for a tenure track faculty position in cancer immunology, focusing on either basic or translational research. Applicants with proven accomplishments demonstrated by peer-reviewed publications in the area of Cancer Immunotherapeutics and Tumor Immunology are encouraged to apply. Applicants must have demonstrated success in interacting with colleagues inside and outside their institution. The Division will soon occupy a new building with state-of-the-art laboratory facilities. Research in cancer immunology is supported by multiple core facilities through a Cancer Center Support Grant, including high throughput screening, mass spectrometry, small animal imaging, flow cytometry and biostatistics. Translational research is supported by an FDA-compliant biologics manufacturing facility for antibodies, cell therapeutics and DNA vaccines and vectors. The new building will house a state-of-the-art cell production facility for individual patient cell therapeutics as well as a clinical radiopharmacy.

A Ph.D. or M.D. is required for this position. Qualified applicants should submit a statement of research interests dealing specifically on how the applicant would effectively utilize the resources and collegial interactions at City of Hope. Send statement of relevant experience, curriculum vitae, and names/addresses of three references to:

Cancer Immunotherapeutics and Tumor Immunology Search Committee
c/o Ms. Kim Lu
Basic Research Operations
City of Hope
1500 E Duarte Road
Duarte, CA 91010
E-mail: facultyrecruit@coh.org

City of Hope, a non-profit research and educational institution, and an NCI-designated Comprehensive Cancer Center, is located 25 miles northeast of Los Angeles. City of Hope offers a competitive salary and benefits package.

City of Hope is an Affirmative Action/Equal Opportunity Employer.
POSTDOCTORAL POSITION: NIH-funded Postdoctoral position in cellular and molecular immunology to study mechanisms contributing to Th2 memory cell development and associated host protective effects on helminth parasites. Highly motivated researchers having experience using mouse models to investigate the immunology of infectious disease and/or study immune regulatory mechanisms are preferred. Please submit curriculum vitae and three letters of reference to e-mail: gausewc@umdnj.edu.

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

CAREER OPPORTUNITY

Doctor of Optometry (O.D.) degree in 27 months for Ph.D.s in science and M.D.s. Excellent career opportunities for O.D./Ph.D.s and O.D./M.D.s in research, education, industry, and clinical practice. This unique program starts in March 2009, and features opportunities for O.D./Ph.D.s and O.D./M.D.s in research, education, industry, and clinical practice.

Contact the Admissions Office, telephone: 800-824-5526 at the New England College of Optometry, 424 Beacon Street, Boston, MA 02115. Additional information at website: http://www.neco.edu, e-mail: admissions@neco.edu.

MARKETPLACE

Promab Biotechnologies Inc.

Custom Monoclonal Antibody $4,200

>3,000 CLONES WILL BE SCREENED

1-866-339-0871

www.promab.com info@promab.com

Oligo Synthesis Columns

• Columns For All Synthesizers
• Bulk Column Pricing Available
• Call for Free Column Samples

+1.800.GENOME.1

www.bticolumns.com

KlenTaq1

8c/u Transcription Tag DNA Polymer

Withstand 99°C

US Pat #5,436,149

Call: Ab Peptides
Fax: 314-968-8988

e-mail: abpeps@mnr.com

1-800-383-3362

www.abpeps.com

Your career is our cause. Get help from the experts.

www.sciencecareers.org

• Job Postings
• Job Alerts
• Resume/CV Database
• Automated tools for a more efficient search

www.promab.com info@promab.com

www.bticolumns.com

+1.800.GENOME.1

www.abpeps.com

ClenTaq1

8c/u Transcription Tag DNA Polymer

Withstand 99°C

US Pat #5,436,149

Call: Ab Peptides
Fax: 314-968-8988

e-mail: abpeps@mnr.com

1-800-383-3362

www.abpeps.com

Your career is our cause. Get help from the experts.

www.sciencecareers.org

• Job Postings
• Job Alerts
• Resume/CV Database
• Automated tools for a more efficient search