The American Association for the Advancement of Science (AAAS) seeks a Writer II to write and edit articles for Science Careers website.

**Major duties and responsibilities:**

- Report, write, and edit features and blog postings for Science Careers
- Stay abreast of news, information, and issues related to science careers via press releases, personal contacts, and other sources.
- Work with the Science Careers editor to commission articles
- Work with writers and editors to secure art for Science Careers articles
- Attend Science news department meetings and meetings with Science Business Office and AAAS units related to science careers
- Occasionally write career-related news for Science magazine and its online news sites

**Minimum qualifications:**

- Extensive university or college level training leading to at least a Bachelor’s degree (some graduate studies and research preferred)
- At least three to five years of professional experience in science writing, reporting and editing
- Demonstrated written and verbal communication skills
- Demonstrated knowledge of science-related issues and research
- Familiarity with social networking and blogging platforms
- Ability to work as part of a widely dispersed but close-knit team
- Ability to communicate with public, professional, and diverse audiences
- Strong computer skills
- Experience writing about science career issues preferred

**Please visit our website:**
http://www.aaas.org/careercenter/employmentataaas/ to get more information and to apply to AAAS online.

"AAAS is an Equal Opportunity Employer."
Top Employers Survey 2013: Top Firms Directed by Data, Led by Scientists

Developing pharmaceuticals requires huge investments of time, human resources, and capital. The companies identified in the 2013 Science Careers Top Employers Survey ensure a higher return on those investments by catering to the whims of the scientist brain, which they view as their greatest economic driver. These employers give scientists the intellectual time and space to dream up novel ways of blocking, shutting down, or modifying disease targets. They marry the academic freedom found in the university hallway to powerhouse financial resources and technological platforms to get research done at a quicker pace. That combination results in researchers who are not only satisfied in their jobs, but also successful at creating new drugs.

By Kendall Powell

Although the overall economic outlook of the biotechnology and pharmaceutical sectors has remained strong through the recent gloomy financial times, there remain significant challenges ahead for the industry. According to the Pharmaceutical Research and Manufacturers of America (PhRMA), companies need on average 10–15 years and more than $1.2 billion to develop a drug. And a coming wave of blockbuster drug patent expirations is expected to cost the industry tens of billions in lost revenues. PhRMA reports that 84 percent of all prescriptions are now for generic drugs, up from 49 percent in 2000.

How do top employers rise above these considerable hurdles? Above all, by placing science squarely at the center of their organizations and scientists at the top rungs of leadership. At these workplaces, the data drive decisions and project directions, which largely puts scientists in the drivers’ seats.

“The whole stream of innovation and the speed with which you can take an idea and get a drug candidate ready for the clinic gets people jazzed up about working here,” says Neil Stahl, senior vice president of research and development sciences at Regeneron Pharmaceuticals, Inc., which is #1 on the 2013 Science Careers Top Employers Survey for a second year in a row. Stahl notes that the biotechnology company took its monoclonal antibody alirocumab for lowering cholesterol from concept to clinical trials in just 19 months. The Tarrytown, New York-based biotechnology firm has made its reputation on innovations that bust the bottlenecks of drug discovery and development.

“By far, my favorite thing about working here is to get into a room with a glimmer of an idea, and by the time you leave, you have something that could turn into the next great technology,” says Stahl.

Even though tough economic realities face Eli Lilly and Company, Lilly’s commitment to long-term investment in research has given it the highest ranking among the largest, in terms of revenue, pharmaceutical firms, at #5. Other smaller companies like Genentech (#2, up from #3 in 2012), Regeneron, Biocon Limited (#6, up from #19), and Gilead Sciences (#15, up from #18) are also focused on the long-term, hiring research personnel and continuing to invest heavily in research and development.

The secrets to these companies’ success lie in giving employees the flexibility to manage their own time and schedules, listening to their good ideas, and letting go of the concept of “failure.” Top employers also hold a clear vision that keeps scientists motivated and working on the same page, even when they may have strong intellectual differences of opinion. That is aided by consistently strong scientific leadership at the top-most rungs of the organization. And finally, these corporations give their employees opportunities to take ample breaks from their intense work to regroup and return to their pursuits refreshed.

“We have a culture of recognition and celebration. We take a break and dance around,” says Ann Lee-Karlon, senior vice president of portfolio management and operations for Genentech Research and Early Development, based in South San Francisco, referring to celebrations like the annual Give Back concert for Genentech employees. Like other top employers, her firm provides a few unusual benefits designed to help employees focus on their work with minimal stress about daily life—such as on-site dry cleaning, car washes, haircuts, and concierge services. Other life-easing perks include company vans to commute across the notorious Bangalore traffic (Biocon), pet insurance and family flu shots (Regeneron), and backup day- or eldercare (Gilead).

An undercurrent of fun—being able to play hard alongside hard work—attracts top talent to Genentech, which has never dipped below a rank of #3 in the entire 12-year history of the survey. “There’s something really great about finding a place to do meaningful work and be recognized for it,” says Lee-Karlon. “That’s really joyful.”

How a Top Employer is Built

Each year, Science commissions a survey to identify the top employers in the biotechnology and pharmaceutical industry and to determine the characteristics upon which scientists base their rankings. This year, the results are based on 3,656 responses to a web-based survey deployed by e-mail (see Survey Methodology in chart, page 498).
### Top Twenty Employers

<table>
<thead>
<tr>
<th>2013 Rank</th>
<th>2012 Rank</th>
<th>Employer (Global Headquarters)</th>
<th>Innovative leader in the industry</th>
<th>Treats employees with respect</th>
<th>Has a clear vision</th>
<th>Has loyal employees</th>
<th>Digs important, quality research</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Regeneron Pharmaceuticals, Inc. (Tarrytown, NY)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Genentech (South San Francisco, CA)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Vertex Pharmaceuticals Incorporated (Cambridge, MA)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>4</td>
<td>–</td>
<td>AbbVie (North Chicago, IL)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>5</td>
<td>–</td>
<td>Eli Lilly and Company (Indianapolis, IN)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>6</td>
<td>19</td>
<td>Biocon Limited (Bengaluru, Karnataka, India)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>7</td>
<td>6</td>
<td>Millennium: The Takeda Oncology Company (Cambridge, MA)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>8</td>
<td>11</td>
<td>Novartis (Basel, Switzerland)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>9</td>
<td>7</td>
<td>Boehringer Ingelheim (Ingelheim, Germany)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>10</td>
<td>9</td>
<td>Biogen Idec (Weston, MA)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>11</td>
<td>4</td>
<td>Novo Nordisk (Bagsvaerd, Denmark)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>12</td>
<td>10</td>
<td>DuPont (Wilmington, DE)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>13</td>
<td>17</td>
<td>Syngenta (Basel, Switzerland)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>14</td>
<td>5</td>
<td>Monsanto Company (Creve Coeur, MO)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>15</td>
<td>18</td>
<td>Gilead Sciences (Foster City, CA)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>16</td>
<td>8</td>
<td>Roche—excluding Genentech (Basel, Switzerland)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>17</td>
<td>12</td>
<td>Celgene (Summit, NJ)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>18</td>
<td>15</td>
<td>Abbott (Abbott Park, IL)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>19</td>
<td>13</td>
<td>Amgen (Thousand Oaks, CA)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>20</td>
<td>20</td>
<td>Bayer (Leverkusen, Germany)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

The 20 companies with the best reputations as employers and the top three driving characteristics for each individual company, according to respondents in the 2013 survey undertaken for the Science/AAAS Custom Publishing Office. The companies without a 2012 rank did not receive enough mentions to qualify or did not receive a high enough ranking during the 2012 survey.

The vast majority of respondents (75 percent) report not yet reaching the peak of their career, but almost two-thirds (65 percent) have been in the workforce for at least 10 years. Basic researchers made up 19 percent of the survey respondents, while 25 percent work in applied research, 25 percent in development, and 10 percent are administrators or executives (see Survey Demographics box, page 500). This year, of the 21 percent of respondents who said they were likely to seek a different position in the next year, 41 percent indicated the primary reason for the change was career advancement, up from 32 percent in 2012.

As with almost every preceding survey, respondents ranked “innovative leader” as the most powerful driver in choosing the best companies. This year, that was followed by “treats employees with respect,” “socially responsible,” “loyal employees,” “clear vision,” and “quality research” (see Driving Characteristics table, page 502).

Three companies, Biocon Limited (from #19 to #6), Eli Lilly and Company (from #17 in 2011 to #5), and Novartis (from #11 to #8) jumped up to the top 10 list, after having spent previous years in the second tier of the top 20 rankings. Newcomer AbbVie, a biopharma company that spun off from Abbott Laboratories on January 1, came in at an impressive #4 (Abbott ranked #15 in 2012 and #18 this year). “We are a biopharmaceutical company, which our employees recognize combines leading-edge biotechnology with the expertise and long track record of a pharmaceutical leader,” says Jim Sullivan, vice president of pharmaceutical discovery for AbbVie in North Chicago.

Vertex Pharmaceuticals Incorporated (#3), Millennium: The Takeda Oncology Company (#7), Boehringer Ingelheim (#9), and Biogen Idec (#10) round out the top 10 employers (see chart above for full top 20 list).

**Innovation Above All**

Not surprisingly, scientists are happiest when drug development is driven forward by sound science and data, rather than the size of a potential drug’s market.

“We do not look at markets and sales,” says Mark Fishman, president of the Novartis Institutes for BioMedical Research (NIBR), the R&D branch of Novartis. “I actually forbid review of any of those parameters in any document that I receive from my scient... **continued>**
It takes SCIENCE to improve lives every day.

The drive to improve people’s lives. It’s what turns great ideas into life-changing accomplishments. And it’s what defines each and every member of Regeneron’s talented and devoted team, universally committed to developing better medicines for serious illnesses. Here, we’ll challenge you to expand your knowledge, enhance your expertise and achieve excellence—every day. And we’ll support you with world-class resources, outstanding rewards and countless opportunities for professional development and advancement. So you can grow our company’s capabilities, while achieving your most ambitious career goals.

Join us at the forefront of new discoveries.
careers.regeneron.com
Lee-Karlon says the Perjeta project in particular took persistence on a level not often supported by other drug makers. “At Genentech, there is a willingness to dig deep and develop mastery in a topic, which requires patience and iteration.”

Gilead Sciences has built a reputation as a leader in antiviral therapies, particularly with combination therapies for HIV and hepatitis C infections. In 2012, Gilead brought in almost $8 billion in revenue from its HIV drugs including its three single-tablet regimens Atripla, Complera, and Stribild, approved in 2012 in the United States. The Foster City, California-based company’s willingness to out-do its own HIV therapies before they go off patent draws scientists in, says Katie Watson, senior vice president for human resources.

“We’re already innovating what could be the next generation drug after Stribild. I’m not sure others in our industry are always doing that.”

With only 5,600 total employees and 2,400 in the R&D force, Watson says the company gives eight company-wide updates each year to ensure that all employees understand the science behind their products and know how research is progressing.

Bill Lee, senior vice president of research, says there’s a palpable excitement that a cure for hepatitis C virus (HCV) may be around the corner. Gilead’s new HCV drug sofosbuvir, expected to be approved by the end of the year, works in a combination therapy to supplant current therapy—a 6- or 12-months-long regimen of weekly interferon injections that cause flu-like symptoms.

“We’re on the verge of oral treatments that have the potential to eliminate the hepatitis C virus from the world,” says Lee. “For scientists here, every day they have the potential to change medicine. What you do in the lab can make a big difference.”

Sullivan of AbbVie, which has a competing HCV program, says the potential to have a remarkable, transformative impact on millions of patients’ lives motivates the company’s scientists. “We are starting to see data that suggests we are significantly increasing cure rates. That effort started with scientists doing an experiment in the lab close to 20 years ago trying to understand the virus better.”

**Hitting a Research Stride**

At the #1 ranked top employer, Regeneron, the drive to bring new approaches to drug discovery—present since the company’s founding in 1988—has ripened into three marketed products, including the recently approved Eylea for wet, age-related macular degeneration and Zaltrap for metastatic colorectal cancer. Both are “decoy receptors” derived from the company’s Trap technology. Traps incorporate portions of human receptors to mop up overzealous signaling molecules in the body.

“[Our] overarching principle is to innovate around all the bottlenecks that occur in drug development,” says Stahl. “We have carefully examined that process to come up with ways to speed up the time-frames of all the pinch points.”

Technological platforms, such as the transgenic VeloImmune mouse, allow Regeneron to develop highly selective human monoclonal antibodies. As Stahl explains, the technology capitalizes on the ability of the mouse’s immune system to efficiently select, from among millions of antibodies generated, the ones that bind their target best, fold-up properly, persist in the blood, and have the best drug-like properties. And while other companies have mice that...
We’re passionate and rigorous about our science. For more than 30 years, Genentech has been at the forefront of the biotechnology industry, using innovative science to develop breakthrough medicines that improve the lives of people with serious or life-threatening diseases. We’re also passionate about our people, our most important asset.

We are currently seeking talented postdoctoral research fellows for the following areas:

<table>
<thead>
<tr>
<th>Position</th>
<th>Req. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postdoctoral Research Fellow – Bioinformatics</td>
<td>#392630</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Cancer Genomics</td>
<td>#412906</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Discovery Oncology</td>
<td>#414715</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Discovery Oncology</td>
<td>#416470</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Dixit Lab</td>
<td>#417544</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Early Discovery Biochemistry</td>
<td>#415690</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Immunology – Chan Lab</td>
<td>#417621</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Immunology – Chan Lab</td>
<td>#417490</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Molecular Imaging – Cancer Immunotherapy</td>
<td>#417862</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Metabolic Disease</td>
<td>#414715</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Neurodegeneration</td>
<td>#416129</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Protein Engineering</td>
<td>#415005</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Vascular Biology</td>
<td>#407281</td>
</tr>
<tr>
<td>Postdoctoral Research Fellow – Cancer Biology</td>
<td>#417778</td>
</tr>
</tbody>
</table>

Now a member of the Roche Group, Genentech has multiple medicines on the market for cancer and other serious illnesses. We are an equal opportunity employer and in 2013, we were named “top employer in the biopharmaceutical industry” by Science magazine for the 13th time.

Join us as we continue to tackle medicine’s most challenging problems and live a life inspired. For complete position descriptions and to apply, please visit [careers.gene.com](http://careers.gene.com) and enter the Requisition number in the keyword search field.
generate human antibodies too, “our mice make more diverse antibodies.”

Stahl says the company was criticized early on for focusing too much on developing technologies instead of pushing a product to market quickly. “It took us awhile, but we are definitely hitting on all pistons now,” Stahl says. “All the investment we made in technology and research has put us in an enviable position—everything we’ve ever put into the clinic has been internally derived, and now we have more than we can possibly develop.”

Indeed, Regeneron’s formula appears to be paying off—every drug put into clinical trials in the last five years has been a monoclonal antibody from the VelocImmune mouse, including the LDL cholesterol-lowering drug that spent less than two years in preclinical development. Although the company has grown from 30 employees when Stahl started in 1991 to more than 2,100 today, it is still small enough that employees get the opportunity to work on multiple projects reaching the clinic— unlike many of their counterparts at larger companies.

Stahl says there’s a healthy sense of rigor among employees who don’t shy away from challenging each other’s data. “It’s a company that fosters creativity and tends to hire really smart people,” says Venus Lai, executive director, VelociGene operations and transgenic biology at Regeneron. “We may not always share the same opinions in the conference room, but we have in front of us one common goal.”

Regeneron has an “inverted pyramid” structure, says Paul Davies, vice president of human resources, which places the troops of scientists at the top, supported by everyone else within the organization because it recognizes that science creates the company’s value.

“That is a very different look and feel from the usual corporate structure,” Davies says. “We know our people are a real source of strategic advantage for us, so we try to create the kind of working environment where people are happy.”

**Work Hard, Play Hard, Work Some More**

In this year’s survey, 75 percent of respondents said they were not likely to seek a different job and at Regeneron turnover is a mere 4 percent. Making sure workers stay in their happy places means visits from the frozen yogurt truck on Thursdays, raffles for New York Yankees and Mets baseball tickets, and plenty of celebrations.

“It sounds silly, but there’s always an abundance of food here. If there’s an opportunity to celebrate, then we do it and we don’t have to ask permission,” says Davies. Lai confirms, warning new employees of the “Regeneron 15”—pounds they might gain attending events like the annual Cheesy Hawaiian Shirt Day.

Nothing captures the work-hard-play-hard ethic at Genentech better than the “Geeknam Style” video the IT team put together to show potential hires how much fun it is to work there. In the parody of the Korean pop hit Gangnam Style, Andy Wang, principal enterprise architect, leads Genentech employees in the crazy-pony dance around the campus that hugs the west side of the San Francisco Bay. In California casual attire, employees strut and shimmy among the computer servers, around the conference room, and in the elevators.

“It really illustrates how free-spirited and fun it is here. We’re not afraid to make fun of ourselves, especially our leaders,” says Elizabeth Majoch, senior staffing manager at Genentech.

Genentech’s sabbatical program is a unique recognition of hard work in which, after six years of service, employees are granted six weeks of paid time off to recharge however they wish. When they return, colleagues decorate their office with reminders of their exotic travels or pursuits.

Stepping away from the intensity of research is also encouraged on Lilly’s Indianapolis headquarters campus, which boasts a full-service fitness center, outdoor soccer field and track, and the REVeI eatery, with a pub and patio open for after-hours drinks.

“We all believe in taking a break, getting some exercise, and then coming back to work—it stimulates better thinking,” says Terri Grant, vice president for human resources for Lilly Research Laboratories.

**More Than a Little Respect**

Supporting employees at these top organizations means treating them with respect—the second most important driver of the 2013 survey rankings—and trusting them to manage their own time, schedules, and family commitments.

At Biocon, which debuted at #19 last year and leapt to #6 this year, more than a quarter of their R&D workforce of 500 are women. Ravi Dasgupta, group head of human resources in Bangalore, says the company extends a level of support to working mothers that is uncommon in India. Women can extend their maternity leave well beyond the statutory three months with other kinds of leave or even unpaid time and be assured of a position when they return. Upon their return, many women work a three-quarter–time schedule and there is on-site daycare.

Biocon has been particularly successful at recruiting ex-pat Indians back from the United States, with 70 such employees hired in the last decade. Abhijit Barve, president of R&D and regula-
A NEW COMPANY, A RICH HERITAGE

We are a global, research-based biopharmaceutical company that combines the focus and passion of a leading-edge biotech, with the expertise and results of a long-established pharmaceutical leader.

Redefining what is possible is our business, and our passion. We aim to help patients live healthier lives. Through new technologies and medicines, we harness breakthroughs and improve healthcare on a global basis.

Join our research and development efforts to make a meaningful difference for patients and their families.

Discover the possibilities with AbbVie. Apply your passion here.

www.abbviecareers.com
www.facebook.com/abbviecareers
www.linkedin.com/company/abbvie

An equal opportunity employer, AbbVie welcomes and encourages diversity in our workforce.
Equal Opportunity Employer M/F/D/V
The pay freeze is projected to save around $400 million to offset the loss of revenues from top-selling drugs Cymbalta and Evista that go off patent this year. "I see this as a difficult choice, but it’s the right thing to do to preserve research capability for the future. We are saving jobs by doing this," says Lundberg.

**Scientists on the Top Rung**

Lilly's culture of celebrating data is strengthened by having a Ph.D. scientist, CEO John Lechleiter, leading the whole company. Lechleiter first joined the company within days of defending his thesis in 1979.

"I’m a Lilly lifer," says Lechleiter. "My approach has been to hire really outstanding scientific leaders, and to support their efforts to hire top-notch scientists." He says researchers are inspired by Lilly’s historic achievements in medicine, such as bringing insulin to patients with diabetes in the 1920s, and the company’s willingness to make big bets in areas such as Alzheimer’s disease. “It’s what they signed up to do, and we’re enabling them to do it.”

As a Ph.D.-holding CEO, Lechleiter is almost unique among the largest pharmaceutical firms, but having scientifically trained top executives is a common theme at many of the high-ranking organizations interviewed here. Gilead’s CEO, COO, and CSO are all Ph.D. scientists who have been with Gilead for 23 years out of its 26-year history.

When scientist leaders guide companies for decades, it also ensures that a science-based culture remains in place even through major transitions or rapid expansions, says Stahl of Regeneron. The company’s founders, CEO Leonard Schleifer and CSO George Yancopoulos, both M.D./Ph.D.s, check in with their scientists at the bench. “We are ruthless about rigor and challenge,” because it results in better products, says Stahl. “The most senior people still participate in that process every single day.”

Companies like Regeneron that place science at the center of operations come out ahead. Hard, challenging work is expected, but also rewarded and recognized—then balanced by activities like kayaking in Tarrytown’s nearby Hudson River, volunteering with tuberculosis education in South Africa (Lilly), or literally dancing in the Bay Area streets (Genentech). Most of all, these companies appreciate individual ways of thinking and pushing the boundaries of medical research.

“We have demands on our people. You are supposed to deliver," says Lilly’s Lundberg. “But my colleagues have always had a lot of freedom to deliver. Innovation is done by unique individuals." The best ideas rise to the top, he says, when you let workers run like ants “in all different directions, but with the same goal.”

He thinks competitive scientists get bored if they aren’t stressed. But, he says, the high expectations for drug development should be met “by having respect for people, with integrity and with excellence. That’s how you win in the long-term.”

Kendall Powell is a freelance science writer based in Lafayette, Colorado.

DOI: 10.1126/science.opms.r1300137
What will YOU discover in Switzerland?

Hailing from across the globe, six scientists tell why they brought their talent and curiosity to Switzerland and Roche pRED.

Katharina Kreymborg, a scientist in Human Immunology, studied in Germany and Zurich and spent the last three years in New York as a postdoc:

“I joined Roche pRED to be part of a global team that works together towards one goal of value. I’m excited about the mix of basic research and scientific curiosity and the goal-oriented way of working.”

Earning her PhD in Quebec, Canada, Annie Moisan did her postdoc at Harvard. Now a scientist in Cardiovascular and Metabolism Discovery, Basel, she says:

“Switzerland shines as a world-leading science nation. Talented and motivated scientists from across the globe bring diversity and share a common will to innovate. The quality of life is outstanding and travel opportunities are endless.”

Gabriela Burian, Ophthalmology Early Program Leader, Basel, studied medicine in both Romania and Atlanta, Georgia.

“I came to Roche pRED for the unique opportunity to apply my clinical research background in the early research and development setting and expand my learning in the area of scientific discovery with an extra-ordinary group of scientists.”

Oliv Eidam, a scientist in the Cheminformatics & Statistics group, Basel, studied in San Francisco and Zurich: “If you want to work here, contacts are everything. Get to know pRED people at conferences, make an internship or invite yourself to present your work in a seminar – that’s what I did.”

A native of Italy, Luca Ferrari, Small Molecules Bioanalytics, Non-Clinical Safety, says:

“I joined Roche pRED because of its well-known reputation within the scientific community. pRED scientists possess high levels of education and experience, and I also like the diversity/multicultural environment. Roche pRED is a great place to work!”

“’I work together with the best scientists, create innovative ideas and translate these into the clinic,” explains Roger Suttmuller, Group Leader Infection Immunology in Schlieren, who most recently lived in Belgium and previously worked in The Netherlands.

“If you like an open atmosphere, teamwork, and want to put science to work helping patients – what are you waiting for? Apply!”

www.careers.roche.com
LIFE-CHANGING WORK
More breakthroughs, fewer barriers

It's why you pursued a career in life sciences: an opportunity to change lives – maybe even your own.

Biogen Idec is seeking fearless, creative, entrepreneurial scientists across a variety of disciplines to help create the next generation of innovative drugs for patients and unmet medical needs.

You'll use the latest translational and computational techniques to solve clinical problems and discover new biology. You’ll do great science alongside remarkable people. It’s life-changing work – and it’s waiting for you at Biogen Idec.

biogenidec.com/careers
ENGINEERING AT ILLINOIS

DRIVE YOUR VISION

ENDOWED CHAIRS AND PROFESSORSHIPS IN BIOENGINEERING

Bioengineering is revolutionizing 21st century healthcare worldwide. But to have the greatest impact, the best minds have to work together across a variety of fields. At the University of Illinois, that interdisciplinary attitude and the desire to deliver safe, effective, affordable medical technologies drive us. They've led to breakaway work in imaging, biosensing, cellular mechanics, and biophysics. Now we're expanding our team. Thanks to the $100 million Grainger Engineering Breakthroughs Initiative, we're creating more than 35 new endowed professorships and chairs in Bioengineering and other fields. If you're ready to drive the future of Bioengineering, Illinois is the place for you.

GraingerInitiative.engineering.illinois.edu

ILLINOIS

Illinois is an Affirmative Action/Equal Opportunity Employer. www.inclusiveillinois.illinois.edu. Full consideration will be given to applications and nominations received by December 16, 2013.
The Faculty of Mathematics and Natural Sciences at the University of Cologne invites applications for the position of a

Full Professorship (W3) for Experimental Physics Condensed Matter Physics (Physics Institute II)

Candidates should have an outstanding research record in experimental condensed matter physics that expands and complements the ongoing research activities at the Department of Physics at the University of Cologne. He/She should play a leading role in condensed matter research at the University of Cologne. Possible research areas include topological matter, interfaces and/or thin films, control of quantum matter, or strongly correlated electron systems. The new professor is expected to teach physics both at the undergraduate and the graduate level, and to be actively involved in the Bonn-Cologne Graduate School of Physics and Astronomy.

The professorship will be integrated into the University’s Center of Excellence on “Quantum Matter and Materials” (QM²). QM² is a focused strategic alliance between theoretical physics, experimental physics, chemistry, and mathematics and integrates scientists and research institutions in the Cologne area. It is strongly supported by the University’s master plan and by the Excellence Initiative of the German federal state and governments.

Qualification requirements are in accord with the North Rhine-Westphalia University Law and include an excellent track record in research and teaching. Women are strongly encouraged to apply.

The University of Cologne is an equal opportunity employer in compliance with the German disability laws. Applications should include a letter of motivation with a teaching and research statement and the usual documents (CV, complete publication list highlighting the 5 most important papers, information on external funding, academic achievements and honors, and 3 references) as well as a completed form provided at http://www.mathnat.uni-koeln.de/mnfapplication.html.

Applications should be submitted preferably via e-mail no later than December 1, 2013 to: Professor Dr. Karl Schneider, Dean of the Faculty of Mathematics and Natural Sciences, University of Cologne, Albertus-Magnus-Platz, 50923 Cologne, Germany, e-mail: mnf-berufungen@uni-koeln.de

www.uni-koeln.de

Biology of Parasitism
Assistant Professor

The Department of Cellular Biology at the University of Georgia invites applications for a full-time tenure-track Assistant Professor position to begin August 2014. We seek an individual who has a research program in cellular and molecular parasite biology, with particular interest in systems biology approaches. The Department has strong representation in the Center for Tropical and Emerging Global Diseases, one of the world’s leading centers for parasite research. The position includes a very competitive salary, excellent laboratory space and a generous start-up package.

Applicants must hold a PhD degree and have at least two years postdoctoral training. The successful candidate will have teaching responsibilities in our undergraduate and graduate programs.

Applicants should submit a cover letter, curriculum vitae, research statement and teaching philosophy at: https://secure.interfolio.com/apply/23064, and request submission of three confidential letters of recommendation via Interfolio. Review of applications will begin on November 15, 2013 and continue until the position has been filled. Contact csearch@uga.edu with questions.

The Franklin College of Arts and Sciences and the University of Georgia is committed to increasing the diversity of its faculty and students, and maintaining a work and learning environment that is inclusive. Women, minorities, and people with disabilities are encouraged to apply. The University of Georgia is an Affirmative Action/Equal Opportunity Institution.

Science Careers

VCU MASSEY CANCER CENTER

SCIENTIFIC PROGRAM LEADER
Associate Full Professor (tenure eligible)

Position Number: F35670

Hire Date: January 1, 2014
Deadline: Open until filled

The Massey Cancer Center of Virginia Commonwealth University (VCU), an NCI-designated Cancer Center and VCU School of Medicine are recruiting a senior scientist to lead its Radiation Biology and Oncology (RBO) Scientific Program. One of five scientific programs with the Massey Cancer Center, and one of only nine programs in NCI-designated Cancer Centers in the country with an emphasis on radiation sciences, the RBO has a scientific focus in the areas of DNA repair, tumor microenvironment, and the impact of inflammation on tumor radio responsiveness and normal tissue radio sensitivity. The RBO program also is one of the only two programs in the Cancer Center with an active clinical trial component. A multidisciplinary program with sixteen members representing four different departments and two schools, membership in the RBO consists of five laboratory scientists, three medical physicists, one biostatistician and seven clinicians.

This is a tenure-track appointment at the rank of Associate Professor or Professor in the VCU School of Medicine, commensurate with the candidate’s experience. The successful candidate will have a track record of sustained extramural funding, publication and recognition as a leader in his/her field of study. He/she will be expected to provide scientific direction, foster inter- and intra-programmatic collaborations leading to growth of the program, and expand the program's translational research component. He/she must have a Ph.D. and/or M.D. in a relevant scientific area. The successful candidate must have demonstrated experience working in and fostering a diverse faculty, staff, and student environment or commitment to do so as a faculty member at VCU. Richmond is a mid-sized metropolitan area with close proximity to Washington, D.C., the beautiful Blue Ridge Mountains, and scenic coastal areas.

For further details, please contact: Donna Berrier, Phone: 804-628-1322, email: dberrier@vcu.edu. Applications shall be forwarded to: Donna Berrier, CAO, VCU Massey Cancer Center, 401 College Street, P.O. Box 980037, Richmond, VA 23298-5083 or email at dberrier@vcu.edu.

Virginia Commonwealth University is an equal opportunity/affirmative action employer. Women, minorities, and persons with disabilities are encouraged to apply.

NANJING UNIVERSITY
Nanjing, CHINA

Founded in 1902, Nanjing University is one of the oldest and most prestigious institutions of higher learning in China. As a key comprehensive university with an array of outstanding faculty members, it has enjoyed coordinated development in humanities, social sciences, natural sciences, technological sciences, life sciences, modern engineering and management and so on. With the motto of “Sincerity with Aspiration, Perseverance and Integrity,” Nanjing University carries the spirit of constant striving for educational and academic excellence. Today’s Nanjing University invites outstanding scholars of all nationalities to join us in the mission to build this university into a world-class comprehensive research university with a global vision.

Position: Distinguished Professor
Offered by Thousand Talents Program/ Chang Jiang Scholars Program/ Deng Feng Scholar Program A

• The applicant should hold a professorship/associate professorship (or an equivalent position) in a prominent overseas university (or research institutes)
• The applicant demonstrates outstanding capabilities in scientific innovation, whose research capabilities and achievements are recognized by peers as at leading level.

Position: Young Talents Professor
Offered by Thousand Young Talents Program/Deng Feng Scholar Program B

• The applicant should hold an assistant professorship (or an equivalent position)/research fellowship in a prominent overseas university (or research institutes)
• The applicant should have been a top talent among peers and shown a strong potential to be a future leader in his/her area.

The position offers adequate scientific resources, abundant research funding, attractive salary and generous reallocation package, including the opportunity to buy an apartment in an inter price rate and subsidy. Interested candidates please visit http://rczp.nju.edu.cn/
Florida State University

Strategic Faculty Recruitment in Energy and Materials

Florida State University is continuing its major interdisciplinary initiative in the areas of Energy and Materials. During the 2013-14 academic year the University will be recruiting as many as nine tenure-track/tenured faculty members to supplement the three faculty hired last year in these areas. This search is open with respect to rank and academic department. Successful candidates are expected to have a synergistic impact on existing research programs in the University’s departments and interdisciplinary centers as well as develop new areas. Sustained pursuit and growth of collaborative, externally-funded research programs is an explicit goal.

We invite applications from researchers active in the broadly-defined area of materials science and materials engineering with an emphasis on, but not restricted to, materials for energy production, conversion, storage and utilization. Target research areas in this search encompass theory, computation, synthesis including molecular, macromolecular and inorganic, thin films and crystals, biomaterials, fundamental characterization, materials measurement, device construction and proof of concept testing and prototyping. Successful candidates will be offered highly competitive salaries and start-up packages, state-of-the-art research space and access to world-class instrumentation, computing and facilities in academic and interdisciplinary units.

Related strengths at Florida State University include programs in Biological Science, Chemistry and Biochemistry, Physics, and Scientific Computing in the College of Arts and Sciences, and in Chemical and Biomedical, Electrical and Computer, Industrial and Manufacturing and Mechanical Engineering in the College of Engineering. Complementing these programs are interactive centers including the National High Magnetic Field Laboratory, the Applied Superconductivity Center, the High Performance Materials Institute, the Aero-Propulsion, Mechatronics and Energy Center, and the Center for Advanced Power Systems. Linking these colleges and centers is a new Ph.D. program in Materials Science and Engineering complementing robust department-based doctoral programs in materials and related areas.

Florida State University is classified as a very high research activity, doctorate-granting institution with a student population approaching 42,000. In recent years, the University has made considerable investments in research infrastructure in the sciences and engineering disciplines. The University is located in Tallahassee, the capital of Florida, where residents have access to a broad range of cultural amenities afforded by the presence of three institutions of higher learning. The region boasts an abundance of springs, lakes and rivers as well as pristine beaches on the Gulf of Mexico.

Applicants are asked to provide a single document in pdf format containing a letter of application including the names and contact information of three professional references, curriculum vitae, and a two page narrative describing their research interests that should include a clear statement as to how the candidate would complement this inter-college effort at Florida State University. Applications must be sent electronically to materials2013.search@fsu.edu. Review of applications will begin on November 1, 2013. Additional information about the related programs at FSU and this faculty search can be obtained at http://www.research.fsu.edu/materials_search/.

Florida State University is committed to the diversity of its faculty, staff, and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, and people with disabilities are strongly encouraged to apply. FSU is an Equal Opportunity/Access/Affirmative Action Employer.
The Hong Kong University of Science and Technology

Division of Life Science
Faculty Positions

The Division of Life Science at The Hong Kong University of Science and Technology seeks applicants for multiple tenure-track positions at the rank of Assistant Professor. Candidates pursuing innovative research in areas including, but not limited to, aging and immunology are encouraged to apply. Applicants should have a doctoral degree and postdoctoral experience. They will be expected to establish an independent, internationally recognized research program and to contribute to the missions of the Division on undergraduate and graduate education.

The Division of Life Science (life-sci.ust.hk) currently has 35 faculty members from international background working on diverse areas of biological sciences. The University is located at a spectacular seaside setting just a short distance from downtown Hong Kong. Teaching and research are carried out in an outstanding intellectual environment rich in state-of-the-art infrastructure. The medium of instruction is English. The University is committed to increasing the diversity of its faculty and has a range of family-friendly policies in place.

Starting salary will be commensurate with qualifications and experience. Medical/dental benefits and annual leave will be provided. Housing benefits will also be available where applicable. Application materials including a cover letter, curriculum vitae, statements of a program of research and teaching interests, and contact information of three referees should be submitted to the Chair of Life Science Search and Appointments Committee (lifsearch@ust.hk). Review of applications will start in November 2013 and will continue until early 2014. (Information provided by applicants will be used for recruitment and other employment-related purposes.)

The University of Hong Kong

Ullsalla University, Department of Neuroscience
Unit of Functional Pharmacology

Post doctoral fellow

The research focuses on central regulation of food intake and reward mechanisms from both molecular and clinical perspective. We aim to understand the molecular mechanisms of obesity, anorexia and addiction using molecular biology oriented behavioural/pharmacological methods. We are interested in candidates with strong background in at least one of the following fields: transgenic mouse work, neuroanatomy, human genetics/epigenetics, human clinical studies and drosophila genetics. Our interest is restricted to post doctoral fellows with 1) PhD from Europe, America or Japan, 2) PhD degree within three years, 3) a record of published papers in highly rated international journals (at least three first name papers). The unit is led by professor Helgi B. Schiböth and includes one associate professor, 8 post doctoral fellows, 15 PhD students, guest researchers, short time students totalling more than 30 persons. We work actively to provide excellent individual career development with well document track record. Several of our previous PhD students and post doctoral fellows have become independent researchers. The post doctoral fellow will have opportunity to guide PhD students and there will be excellent possibilities to participate in integrated collaboration studies including the Uppsala University Hospital, Rudbeck Laboratory and Karolinska Institutet. Applications and enquiries should be addressed to helgis@bmc.uu.se at any time, but not later than by end of February 2014. www.uu.se

The University of Illinois at Urbana-Champaign

Faculty Positions in Genomics and Bioinformatics

The School of Integrative Biology at the University of Illinois at Urbana-Champaign invites applications for a full-time, nine-month, tenure-track assistant professor position in genomics and bioinformatics of eukaryotes. We are particularly interested in candidates with strong research programs in comparative genomics, population genomics, or gene networks. Candidates must have a PhD or equivalent in a relevant field, and postdoctoral experience is desirable. The successful candidate will be expected to develop an externally-funded research program, teach at undergraduate and graduate levels, and collaborate with other faculty both within SIB and elsewhere on campus to develop research initiatives in genomics and bioinformatics. The candidate will be housed in one or more of the departments of Animal Biology, Plant Biology, or Entomology. Target start date is August 16, 2014. Salary will be commensurate with experience.

The University of Illinois at Urbana-Champaign is a public land-grant university with more than 40,000 students and provides a highly collaborative and supportive academic environment. Opportunities for interactions exist with genomicsists and bioinformaticians across campus including at the Institute for Genomic Biology, the National Center for Supercomputing Applications, and the Departments of Computer Science and Statistics, as well as our Masters in Bioinformatics graduate program. Support facilities include the KECK Center for Comparative and Functional Genomics and the High-Performance Biological Computing Center in the Roy Carver Biotechnology Center (http://www.biotech.uiuc.edu/).

To ensure full consideration, please create your candidate profile through http://pg.illinois.edu/GenomicsBioinformatics and upload your application letter, curriculum vitae, summary of research and plans, teaching philosophy and experience, and contact information (including e-mail addresses) for three professional references by November 29, 2013. After a review of the candidate’s record, the search committee may then contact the applicant about soliciting letters of reference. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. For further information contact Genomics and Bioinformatics Search Chair, sbib@life.illinois.edu.

Illinois is an Affirmative Action/Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu).

The University of Utah

Chair, Department of Pharmacology and Toxicology
College of Pharmacy and School of Medicine

UNIVERSITY OF UTAH HEALTH SCIENCES CENTER

The Department of Pharmacology and Toxicology (http://www.pharmacy.utah.edu/pharmtox) in the College of Pharmacy at the University of Utah is seeking a productive, collaborative, and innovative individual for the position of Department Chair. The successful candidate will also be appointed as Professor of Pharmacology and Toxicology. Applicants should have a PhD or MD degree, a strong track record of extramurally funded research and peer-reviewed scholarly productivity, a commitment to graduate training in pharmacology and toxicology, and an understanding of current issues in the teaching of pharmacology to professional medical and pharmacy students. The successful candidate should have excellent leadership and interpersonal skills, be a team player and demonstrate a commitment to working with and mentoring a diverse group of faculty and trainees.

Applicants must apply online at: http://utah.peopleadmin.com/postings/26824. For further information, please contact Dr. Darrell Davis, Chair of the Search Committee at darrell.davis@pharm.utah.edu.

The University of Utah is an Equal Opportunity/Affirmative Action Employer and educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans preference. Reasonable accommodations provided. For additional information: http://www.regulations.utah.edu/humanResources/5-106.html

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

The University of Utah Health Sciences Center is a patient focused center distinguished by collaboration, excellence, leadership and respect. The University of Utah Health Sciences Center values candidates who are committed to fostering and furthering the culture of compassion, collaboration, innovation, accountability, diversity, integrity, quality and trust that is integral to the mission of the University of Utah Health Sciences Center.
The Donnelly Centre at the University of Toronto invites applications to fill one Principal Investigator position. Appointments will be at the rank of Assistant Professor, in the tenure-stream. The appointment will begin on July 1, 2014 or on a mutually agreeable date.

We seek a colleague whose research program and interests will strengthen our existing scientific community, which encourages interdisciplinary collaboration. “Specific areas of interest include: chemical genomics and biotherapeutics (high throughput screening of compounds and other bioactive reagents for biological analysis), high throughput cell biology (genome-scale screens in mammalian or model organisms), enabling technologies (imaging of cellular processes, automation); systems biology (broadly defined); modeling of dynamic biological processes; analysis of gene regulatory networks; metabolomics; functional genomics.”

Candidates must have a Ph.D. degree or equivalent, postdoctoral experience, and an established record of research accomplishment in a cognate scientific discipline. The successful candidate will be expected to mount an original, competitive, and independently funded research program, and to have a commitment to undergraduate and graduate education in a relevant academic department at the University of Toronto. Exceptional candidates with more seniority will also be considered. Salary will be competitive and commensurate with qualifications and experience.

The Donnelly Centre is a unique interdisciplinary research centre at the University of Toronto (http://thedonnellycentre.utoronto.ca) with a primary research mandate. The Donnelly aims to stimulate collaborative interactions at the interface of biology, chemistry, engineering and computer science in order to develop and apply new technologies for approaching the most challenging biological problems in the post-genomic era. The Donnelly currently houses 36 members from the faculties of Medicine, Pharmacy, Applied Sciences & Engineering and Arts & Science (Departments of Computer Science, Chemistry, Physics). Located in the heart of Toronto’s research district, which is one of the largest and most active biomedical research communities in North America, the Donnelly makes use of open concept laboratory space to foster unconventional interactions among disciplines.

Letters of application should include a statement of current and long-term research interests together with a curriculum vitae and should be sent in confidence as a single PDF to:
sylvie.besnard@utoronto.ca / for Professor Brenda Andrews
Chair, Search Committee
The Donnelly Centre, University of Toronto
Room 230, 160 College Street
Toronto, Ontario, Canada
M5S 3E1

Applicants should also arrange for three letters of reference to be sent electronically to the same email address. Applicants and referee letters will be accepted until December 1, 2013, or until the position is filled.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to further diversification of ideas.

All candidates are encouraged to apply and will be considered; however, qualified Canadians and permanent residents will be given priority.

A. Distinguished professor
1) Eligibility: Candidates of the national “1000-Talents Scheme”, “1000-Young Talents Scheme”, “Outstanding Youth”, “Chang Jiang Scholars Program” and “100-Talents Scheme” of the CAS, professors or associated professors from overseas famous universities and outstanding scholars having fundamental academic influence.
2) Remuneration: It is yearly payroll for a distinguished professor, about RMB500,000-1,200,000. SZU will provide support in scientific research expenses and laboratory construction fee for a distinguished professor as well as in constructing his academic research team. Especially, Shenzhen local government will give scientific research expenses of RMB2,000,000 – 5,000,000 to a candidate who study such subjects as science, engineering and medicine and are eligible for the Peacock Program or Shenzhen High-Level Talent Program.

B. Professor, associated professor, lecturer and Liyuan Scholar Plan
(1) Professor, associated professor and lecturer
SZU warmly welcome overseas scholars who have achieved a Phd degree or have experiences of post-doctoral research and are competent for our positions of professor, associated professor and lecturer. Excellent candidates will be engaged as professors or associated professors directly by SZU according to their academic achievements.
Remuneration: the minimum annual salary is RMB310,000 for a professor, RMB250,000 for an associated professor and RMB180,000 for a lecturer. Any professor, associated professor and lecturer could apply for Liyuan Scholar Plan, Peacock Program or Shenzhen High-Level Talents Program. If any person achieved any of the above plans, he could apply to Shenzhen Government for different subsidies by relevant plan.

(2) Liyuan Scholar Plan
Any teacher could apply for this plan. There are three levels for this plan, such as “Liyuan Leading Scholar”, “Liyuan Outstanding Scholar” and “Liyuan Excellent Youth” respectively.
1) Three-level scholars: Liyuan leading scholar will be awarded to full-time teachers as a top-leader in his academic area. Liyuan outstanding scholar will be awarded to full-time teachers, aged under 45 and having 3 years’ working experiences. Liyuan excellent youth will be awarded to young scholars aged under 35 who had given Phd and had one year’s academic research experience in relevant research institutions.
2) Award standards: SZU will provide a living allowance for Liyuan leading scholars in 5 years, including two levels, RMB500,000 per year at the first level and RMB150,000 per year at the second. SZU will give a living allowance to Liyuan outstanding scholars in 3 years, RMB100,000 per year. SZU will give a living allowance to Liyuan excellent youth in 9 years at the most, RMB100,000 per year.

C. Shenzhen Overseas High Level Talents Policy
1) Candidates: overseas experts or overseas scholars. There are three levels for this plan, Level A, B and C respectively.
2) Remuneration: candidates will receive an award of RMB500,000-1,500,000. Candidates whose research program is in such subjects as science, engineering and medicine respectively could enjoy scientific research expenses from RMB200,000 to 5,000,000. Talents at Level A could apply for scientific research expenses of more than RMB5,000,000.

Contact Us
For more information, please visit http://www.szu.edu.cn. If you’re interested, please send your CV and relevant materials to any of the following email addresses:
Miss Liyun liyun@szu.edu.cn, 0086-755-26536111
Miss Gaoying gaoying@szu.edu.cn, 0086-755-26535295
Mr. Renqiang szursc@sina.cn , 0086-755-26535295
**Assistant or Associate Professor Medical Oncology**

The Dana-Farber Cancer Institute, Brigham and Women's Hospital and the Department of Medicine, Harvard Medical School, invite applications for a full-time appointment at the Assistant or Associate Professor level. This individual will develop a molecular target-based research program housed in the Department of Medical Oncology at the Dana-Farber Cancer Institute. The successful candidate should be committed to innovative cancer research in both the lab and clinic with the goal of advancing these discoveries toward novel therapeutic strategies. Applicants must have an MD, PhD or MD-PhD and a proven track record of outstanding research.

The candidate will work principally at the Dana-Farber Cancer Institute, an NCI-designated Comprehensive Cancer Center, and at the Brigham and Women’s Hospital. Academic rank of Assistant/Associate Professor level at Harvard Medical School will be commensurate with experience, training and achievements.

**Interested candidates must submit a curriculum vitae, a research plan and three letters of reference to:**

William Hahn, MD, PhD, Dana-Farber Cancer Institute, 450 Brookline Avenue, Boston, MA 02215. Please send submissions via email to: MCO_SEARCH@dftc.harvard.edu. Please direct telephone inquiries to Amy Dickson at 617-632-3455.

Dana-Farber Cancer Institute/Brigham and Women's Hospital/Harvard Medical School are Equal Opportunity/Affirmative Action Employers actively committed to increasing the diversity of our faculty: people with disabilities, veterans, women and members of underrepresented minority groups are therefore strongly encouraged to apply.

---

**Florida State University College of Medicine Tenure-track positions**

The Department of Biomedical Sciences at the Florida State University College of Medicine invites applications for tenure track faculty positions at all ranks. Successful candidates will be expected to have (or develop) and sustain extramurally supported research and participate in medical and graduate education. Preference will be given to applicants with research in cancer biology or pharmacology with teaching experience in medical pharmacology or other major pre-clinical areas. Please submit a letter of application, curriculum vitae, an overview of future research plans, and a list of references in a single pdf file to biomedfacultysearch@med.fsu.edu. If interested please apply to Florida State University at https://jobs.fsu.edu. Job ID #36246. We will begin to review the applications on November 15, 2013.

The College of Medicine has more than 150,000 sq. ft. of state-of-the-art laboratory space, core labs in proteomics, genomics, confocal microscopy, flow cytometry, and cell culture. Current research in the department is broadly focused on understanding the molecular bases of human diseases with focus areas including Neuroscience, Cancer Biology, and Cardiovascular Disease. See http://med.fsu.edu/biomed for more information.

The Florida State University is an Equal Opportunity/Affirmative Action Employer.

---

**University of Michigan Ecology or Evolutionary Ecology Facility Position**

The Department of Ecology and Evolutionary Biology at the University of Michigan seeks applicants for an assistant professor (tenure-track) position in ecology or evolutionary ecology. This is a university-year appointment with an expected start date of September 1, 2014. We seek applicants with a strong field component in her or his research program. We welcome applicants who work in any of the planet’s major ecosystems but are especially interested in individuals who will leverage the facilities available at the University of Michigan, including world class biodiversity collections (e.g., birds, fishes, etc., at the Museum of Zoology), a local field research facility (the Edwin S. George Reserve), and a large educational and research facility in northern Michigan (the University of Michigan Biological Station). Museum curatorial activities may replace some teaching duties for appropriate candidates.

Applications should include a cover letter, CV, a concise statement describing your current and future plans for research, a statement of your teaching philosophy and experience, and evidence of teaching excellence (if any). Include names of three references. To apply, please see www.resources-eeb.lsa.umich.edu/eebsearch13/application.php. Review of applications will begin on November 22, 2013 and continue until the position is filled.

Women and minorities are encouraged to apply and the University is supportive of the needs of dual career couples. The University of Michigan is an Equal Opportunity/Affirmative Action Employer.
Faculty Position in Physiological Sciences

The Department of Physiological Sciences at the Eastern Virginia Medical School (EVMS) is seeking candidates for a tenure track faculty position at the Assistant/Associate Professor level. Areas of strength in the Department include basic and translational research on fetal development and reproductive medicine, diabetes-obesity, ocular sciences, motor protein biochemistry and cardiovascular research. The successful applicant must have a Ph.D. and or M.D., postdoctoral training and an active externally funded research program. Competitive facilities, startup package, and core resources are available to support this position. The position will also involve participation in the teaching programs of the department to medical and health professions students and the Ph.D. Graduate Program in Biomedical Sciences. Women, military veterans and individuals from underrepresented minority groups are strongly encouraged to apply.

Interested applicants would need to apply at: https://careers-evms.icims.com/jobs/. Please include a letter of interest, an NIH biosketch and full curriculum vitae. For more information please contact Dr. Diane Duffy, duffydm@evms.edu, Search Committee Chair.

EVMS is an EOE/Affirmative Action Employer/M/F/D/V and Drug and Tobacco Free Workplace.

International Search for Academic Positions of Assistant Professor or above

The University of Macau is a leading higher educational institution in Macao and is making strides towards becoming internationally recognized for its excellence in teaching, research and service to the community. The University is growing rapidly with a number of new strategic initiatives including the relocation to a new campus and the establishment of the largest Residential College system in Asia. The new campus is 20 times larger than the present one with a projected fast growth of student intake and faculty size. English is the University’s working language.

We plan to develop a strong team of top-notch scholars to help us realize our vision. Applications are therefore invited from those with excellent academic achievements in the following disciplines:

- Business and Management
- Education
- Law
- Liberal Arts and Humanities
- Social Sciences
- Mathematics, Sciences and Engineering
- Health Sciences
- Chinese Medicines

Remuneration and appointment rank offered will be competitive and commensurate with the successful applicants’ academic qualification, current position and professional experience. The current local maximum income tax rate is 12% but is effectively around 5% - 7% after various discretionary exemptions.

For details about the above open positions and related information, please visit the following websites:
- Job vacancy website: http://www.umac.mo/vacancy
- University website: http://www.umac.mo
- Macao government website: http://www.gov.mo

Further particulars about the job openings are available at http://www.umac.mo/vacancy. Kindly apply online through the E-application system. Applications will be accepted until the positions are filled. Applicants may consider their applications not successful if they were not invited for an interview within 3 months of application.

Human Resources Office
University of Macau, Av. Padre Tomás Pereira, Taipa, Macau
Website: https://hr.umac.mo/recruitment
Email: senior.academic@umac.mo
Tel: +853 8397 8593 or +853 8397 8592;
Fax: +853 8397 8694

The effective position and salary index are subject to the Personal Statute of the University of Macau in force. The University of Macau reserves the right not to appoint a candidate. Applicants with less qualification and experience can be offered lower positions under special circumstances.

***Personal data provided by applicants will be kept confidential and used for recruitment purpose only***
OE A, Washington, D.C.

The Department of Microbiology, Immunology and Tropical Medicine, and the newly established Research Center for Neglected Diseases at The George Washington University’s School of Medicine and Health Sciences, seeks new faculty members to establish vibrant, extramurally funded research projects.

Tenure-track faculty positions at the assistant professor level are available in these thematic areas: • HIV immunobiology, especially related to HIV “functional cure” or HIV vaccine research. • Immunology, genetics and pathological basis of infection-related cancers including those caused by hermimvars (e.g., flukes, protozoans) and viruses (e.g., EBV, HTLV, and HHV8). • Neglected tropical disease pathogens and vector biology. • Human immunology, especially innate immune mechanisms, vaccines, and mucosal immunology/human microbiome.

Successful applicants will be expected to establish or expand an extramurally funded and internationally recognized research program; experience or interest in basic and translational research on infectious diseases in endemic areas are of special interest.

Basic qualifications: Applicants must have a PhD and/or MD/DVM or equivalent degree, in related relevant disciplines (HIV immunobiology, Immunology, Microbiology, Parasitology); postdoctoral and/or other research experience; a compelling publication track record; grant writing experience; demonstrated interest in teaching graduate and health care students; and evidence of potential to attract extramural funding.

Highly competitive salary, start-up funds, and space within the new NIH-funded collaborative laboratory space are available. Application procedure: Applications should be completed on-line at http://www.gwu.jobs/postings/18484 and should include a cover letter emphasizing specific qualifications, curriculum vitae, a 3-5 page research plan, and names and contact information for three referees. Only complete applications will be considered. Application review will begin November 30th, 2013 and will continue until the positions are filled. For further information about the positions please contact Dr. Douglas F. Nixon, Department Chair, The George Washington University at mitmfacs@gwu.edu

The George Washington University is an Equal Opportunity/Affirmative Action Employer and seeks to attract active, culturally and academically diverse faculty of the highest caliber.
The Fred & Pamela Buffett Cancer Center, a National Cancer Institute-designated Cancer Center at the University of Nebraska Medical Center, seeks outstanding candidates for the position of Cancer Center Co-Program Leader for the Cancer Genes and Molecular Regulation (CGMR) Program. The Co-Program Leader position will include an appointment in the Eppl ey Institute for Research in Cancer with academic rank commensurate with experience.

The Fred & Pamela Buffett Cancer Center is in a dynamic growth phase and committed to expansion of all its research programs. Currently the University of Nebraska Medical Center and its hospital partner, The Nebraska Medical Center, is building a $323 million cancer center complex on the main campus. The Fred & Pamela Buffett Cancer Center will include a 10-story, 260,000-square-foot cancer research tower, a multidisciplinary outpatient clinic (surgical, medical, and radiation oncology), infusion center, radiation treatment facility, and a 108-bed inpatient cancer hospital. This is the largest capital project in the history of the University of Nebraska. In addition, the University is also conducting a $100 Million capital campaign for program development in the Fred & Pamela Buffett Cancer Center.

The successful applicant will have joint responsibility for the overall direction and development of the Fred & Pamela Buffett Cancer Center’s CGMR program. Responsibilities also include maintaining an independent research program and fostering the continued development of basic research programs and interdisciplinary collaborations. This person will advise the Fred & Pamela Buffett Cancer Center Director on promising areas of research and provide direction to CGMR program members in pursuing research objectives.

Individuals with projects focused on (a) identifying novel therapeutic agents using high throughput/systems biology, (b) targeted cancer therapies, and/or (c) experimental cancer models are encouraged to apply.

The anticipated start date is July 1, 2014. EEO/AA individuals from diverse backgrounds are encouraged to apply. To apply, go to https://jobs.unmc.edu and reference requisition #2013-183. Additional information at http://www.unmc.edu/cancercenter.

Faculty Positions in Viral Immunopathogenesis at the Vaccine & Gene Therapy Institute of Florida

The Vaccine & Gene Therapy Institute of Florida (VGTI Florida) is seeking to recruit outstanding immunologists/virologists to direct research programs in basic and translational human immunology. Priority areas of research include immunopathogenesis, emerging viral pathogens including influenza and flaviviruses, vaccine development, adjuvants, and inflammation. We are seeking scientific leaders in the areas of molecular virology, immune response to infection and antiviral/vaccine strategies. Priority will be given initially to established investigators with vigorous research programs investigating HIV, influenza, Dengue and emerging viruses. VGTI Florida is one of the internationally recognized research institutes invited to locate to Florida as part of a State-sponsored initiative to enhance biomedical research. Research at VGTI Florida focuses on human innate and adaptive immune responses to infectious diseases and cancer.

Research themes at VGTI Florida include:

- HIV-1 and emerging viral pathogens
- Vaccine development and adjuvants
- Cancer Immunology and immunotherapy
- Inflammation and diseases of aging

VGTI Florida occupies a new 100,000 sq. ft. state-of-the-art facility in Port St. Lucie, FL, located on the sunny Atlantic coast in a Biotech corridor just north of Palm Beach. Successful candidates (PhD and/or MD) will have an established extramurally-funded research program and a strong publication record in one of the priority areas described above. The positions have highly competitive salary and startup packages, with access to cutting edge Genomics, Bioinformatics and Flow Cytometry core facilities as well as BS3/ABS3 containment facilities within the Institute. For more information, including a description of the Faculty and their research interests, please visit: www.vgtifl.org. Qualified candidates should submit their curriculum vitae, a 2-page description of their proposed research program and the names/contact information of three references to:

Jill Hackett
Executive Director, Human Resources
Vaccine & Gene Therapy Institute of Florida

Applications must be sent via email to: search@vgtifl.org. Review of applications will commence immediately and continue until the positions are filled.

VGTI Florida is an Equal Opportunity Institution committed to recruiting, hiring, and promoting qualified minorities, women, individuals with disabilities, and veterans.

The University of Chicago Invitation to apply for the Elings Prize postdoctoral fellowships

Applicants should submit a cover letter; CV; a one-page research proposal; and arrange for 3 supporting letters, all submitted via the website http://tinyurl.com/mdh9fpj.

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

Microbiology Faculty Position

THE UNIVERSITY OF CHICAGO

Academic Career Opportunities

Microbiology Faculty Position

Reg #01884

The University of Chicago’s Department of Microbiology invites applications for a tenure-track faculty position at the rank of Assistant Professor, although, depending on qualifications, candidates may be proposed for a senior appointment. Applicants must have a MD, PhD, or MD/PhD and relevant postdoctoral training. The successful candidate is expected to develop an extramurally-supported research program focusing on host-pathogen interactions of viral, parasitic, fungal or bacterial infectious agents. Candidates are also expected to contribute to departmental teaching.

The University of Chicago maintains extensive core facilities in support of microbiological research including facilities for experiments with gnotobiotic animals and risk group 1-3 infectious agents. A competitive salary and start-up package will be provided. Review of applications will begin on January 1, 2014 and continue until the position is filled. Interested applicants must submit a cover letter, curriculum vitae, the names and contact information for at least three references, and a statement of research interests emphasizing career goals at the following url:

http://tinyurl.com/mdh9fpj

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

http://tinyurl.com/mdh9fpj

California NanoSystems Institute (CNSI)

at the University of California Santa Barbara

is pleased to announce the 2013-14 competition for the

ELINGS PRIZE FELLOWSHIPS in EXPERIMENTAL SCIENCE

The Elings Prize postdoctoral fellowships provide a salary of $60,000/year for two years, potentially renewable for a third, with benefits and research funds, for up to 3 fellows. Eligible research can be in any area of the physical sciences, biology, or engineering. Successful applicants will work with, and receive partial support from, experimentalists on the CNSI faculty; applications must be coordinated with the relevant faculty supervisor(s). For more information, visit http://www.cnsi.ucsb.edu/admin/funding/elings_fellowships/.

Applications should submit a cover letter, CV; a one-page research proposal; and arrange for 3 supporting letters, all submitted via the website https://fellow.cnsi.ucsb.edu/.

The deadline for applications is January 31, 2014.

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

Science Careers online@sciencecareers.org
**Plant Metabolic Systems Assistant Professor**

The School of Integrative Biology and the Department of Plant Biology at the University of Illinois, Urbana-Champaign seek an outstanding plant biochemist/systems biologist who studies primary or secondary plant metabolic pathways and networks through the use of cutting-edge measurement and/or modeling techniques. Research areas of interest in plant metabolism include, but are not limited to: flux analysis; improvement of productivity/quality of food and fuel crops; biotic or abiotic interactions; metabolic engineering.

The successful candidate will be expected to develop an externally funded research program, teach at undergraduate and graduate levels, and collaborate with faculty to develop research and education initiatives in plant biochemistry and metabolic systems. A Ph.D. or equivalent in a relevant field is required. Postdoctoral experience is highly desirable.

The University of Illinois provides a highly collaborative and supportive academic environment for cross-disciplinary plant systems research given its strengths in photosynthesis, global change, molecular and cellular biology, genomics, ecology, chemistry and computation. Relevant interacting units include the: Institute for Genomic Biology; Energy Biosciences Institute; National Center for Supercomputer Applications; Bill and Melinda Gates Foundation funded Realizing Improved Photosynthetic Efficiency (RIPE) project; Departments of Biochemistry, Microbiology, Bioengineering, Chemical and Biomolecular Engineering, and Computer Science.

The appointment is for a full-time, nine-month, tenure-track Assistant Professor. Target start date is 16 August 2014. Salary is commensurate with experience. To ensure full consideration, please create your candidate profile through http://jobs.illinois.edu and upload your application letter, curriculum vitae, summary of research and plans, teaching philosophy and experience, and contact information including e-mail addresses for three professional references by 1 December 2013. After a review of the candidate’s record, the search committee may then contact the applicant about soliciting letters of reference. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. For further information contact Plant Metabolic Systems Search Chair, sbig@life.illinois.edu.

Illinois is an Affirmative Action/Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (web: inclusiveillinois.illinois.edu).

---

**Assistant Professor**

The Department of Biochemistry and the Redox Biology Center (RBC) at UNL, invite applications for a tenure-leading Assistant Professor position in biophysical chemistry. This position is a 9-month appointment and is part of the strategic plans of UNL, the Institute of Agriculture and Natural Resources (IANR), and Department of Biochemistry/RBC to increase research capacity in the areas of redox and stress biology that impact human health. Applicants with programs centered on biophysical approaches to address important questions in redox biology are welcome. UNL, located in Lincoln, Nebraska, is the nation’s second largest university with nearly 60,000 students and is continuing to build internationally recognized research programs.

Applicants must apply online at website: http://www.jobs.unl.edu and submit a letter of application, curriculum vitae, description of research plans, teaching philosophy, and interests, and names of at least three references. Please arrange to have three letters of reference sent to e-mail: chemstaff@unl.edu. Applications will begin December 1, 2013 and continue until the position is filled. The University of Central Florida is an Equal Opportunity/Equal Access/Affirmative Action Employer.

---

**Assistant Professor**

**Department of Biochemistry and Redox Biology Center**

The Department of Biochemistry and the Redox Biology Center (RBC) at UNL, invite applications for a tenure-track Assistant Professor position in biophysical chemistry. This position is a 9-month appointment and is part of the strategic plans of UNL, the Institute of Agriculture and Natural Resources (IANR), and Department of Biochemistry/RBC to increase research capacity in the areas of redox and stress biology that impact human health. Applicants with programs centered on biophysical approaches to address important questions in redox biology are welcome. The RBC, supported as a Center of Biomedical Research Excellence by the National Institutes of Health, is an emphasis group for research in redox biology involving investigators at UNL, University of Nebraska Medical Center, and Creighton University in Omaha. Redox regulation and thiol-based redox signaling, biochemistry of redox-active trace elements, structural biology, redox proteomics/metabolomics, and mitochondrial dynamics are some of the current areas of investigation in the Center.

A Ph.D. degree (or equivalent) in a related scientific field and at least 1 year of postdoctoral experience (or equivalent) are required. It is expected that the investigator will establish a nationally recognized and externally supported research program and contribute to the undergraduate and graduate education missions of the Department of Biochemistry. The position is housed in the George W. Beadle Center which includes state-of-the-art teaching and research laboratories, and research core facilities. The RBC and the Department of Biochemistry maintain a wide array of instrumentation for biophysical chemistry research and operate core research facilities in the areas of metabolomics/proteomics, biophysical spectroscopy, and X-ray crystallography. The city of Lincoln boasts an outstanding quality of life that includes fine culinary and artistic treasures, a budding live music scene and numerous parks, golf courses and bike trails. Forbes ranked Lincoln as the 7th best city in the US for business and careers in 2012.

To learn more about UNL, the Biochemistry Department, and the RBC visit http://unl.edu. Applicants should go to http://employment.unl.edu, search for requisition number F_130209, Click on “Apply to this job”, complete the form, and attach a letter of application, curriculum vitae, teaching statement, and brief description (2-3 pages) of research program and goals. Applicants must arrange for 3 confidential letters of reference to be sent directly to: Assistant Professor Search Committee, Department of Biochemistry, University of Nebraska, N200 Beadle Center, Lincoln, NE 68588-0664, USA, or by e-mail to biophyschemsearch@unl.edu. Review of applications will begin on December 2, 2013 and continue until the position is filled. The start date for this position is August 15, 2014.

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

---

**Positions Open**

**FORENSIC SCIENCE**

The Chemistry Department and the National Center for Forensic Science at the University of Central Florida (UCF) anticipate hiring two nine-month, tenure-track Assistant, Associate, or Full Professors in forensic science beginning August 2014. Minimum qualifications at the Assistant Professor level are a Ph.D. in chemistry or appropriately related field from an accredited institution, at least one year of postdoctoral research, and a demonstrated track record of research productivity in forensic science. Candidates for appointment as Associate or Full Professor will exhibit a track record of competitive funding for forensic science research.

Specialization in forensic toxicology is of specific interest; however, applications in all areas of forensic science are welcome. Candidates hired at the Assistant Professor level are expected to develop externally funded, nationally competitive research programs. State-of-the-art laboratory space and a competitive startup package can be expected. Successful candidates at all levels will contribute to teaching in both the undergraduate and graduate programs. The Chemistry Department at UCF offers B.S. Chemistry, B.S. Forensic Science, M.S. Chemistry, M.S. Forensic Science, and Ph.D. Chemistry degrees. The National Center for Forensic Science at UCF is an internationally recognized leader in forensic science research.

Applications are open and will continue until the positions are filled. For further information contact Donald Menick, Ph.D., Director, Gazes Cardiac Research Institute via e-mail: chemstaff@ucf.edu. Please indicate the subject line “Forensic Toxicology or Forensic Other.”

---

**TENURE-TRACK ASSISTANT/ASSOCIATE PROFESSORSHIP** in Cardiology, Medical University of South Carolina

The Gazes Cardiac Research Institute in the Cardiology Division of the Department of Medicine at the Medical University of South Carolina (MUSC) is seeking applicants for a tenure-track faculty position of Assistant/Associate Professor. A competitive laboratory start up package will be provided to the successful candidate to support the development of an independent, funded research program in cardiovascular biology. Preference will be given to candidates whose research investigates some aspect of the mechanisms mediating complex cardiac arrhythmias and sudden death. The successful candidate will be expected to integrate their research program into the highly collaborative and supportive existing research program. Applicants for associate professor must have an active, established extramurally funded research program with a record of peer reviewed publications and national/international recognition. Candidates must have a Ph.D. or M.D. in a related field and rigorous postdoctoral experience leading to publications in top tier journals. The Medical University of South Carolina offers a highly interactive environment, a strong infrastructure for research and is located in the historic city of Charleston. Interested individuals should submit a letter of interest, curriculum vitae, a detailed statement of research plans, and the names and contact information of three references via the MUSC employment website: https://www.jobs.musc.edu requisition ID 048268. Inquiries regarding this position can be sent to Donald Menick, Ph.D., Director, Gazes Cardiac Research Institute via e-mail: menickd@musc.edu. MUSC is an Equal Opportunity Employer, promoting workplace diversity.

Get your questions answered. Careers Forum

www.ScienceCareers.org
Department of Electrical and Systems Engineering

Tenured/Tenure-Track Faculty Position

The Department of Electrical and Systems Engineering of the School of Engineering and Applied Science at the University of Pennsylvania invites applications for tenured and tenure-track faculty positions at all levels. Candidates must hold a Ph.D. in Electrical Engineering, Systems Engineering, or related area. The department seeks individuals with exceptional promise for, or proven record of, research achievement, who will take a position of international leadership in defining their field of study, and excel in undergraduate and graduate education. Leadership in cross-disciplinary and multi-disciplinary collaborations is of particular interest. We are interested in candidates in all areas that enhance our research strengths in

1. Nanodevices and nanosystems (nanophotonics, nanoelectronics, integrated devices and systems at nanoscale),
2. Circuits and computer engineering (analog and digital circuits, emerging circuit design, computer engineering, embedded systems), and
3. Information and decision systems (communications, control, signal processing, network science, markets and social systems).

Prospective candidates in all areas are strongly encouraged to address large scale societal problems in energy, transportation, health, economic and financial networks, critical infrastructure, and national security. Diversity candidates are strongly encouraged to apply. Interested persons should submit an online application at http://facultysearches.provost.upenn.edu/postings/40 including curriculum vitae, statement of research and teaching interests, and the names of at least four references. Review of applications will begin on December 1, 2013.

The University of Pennsylvania is an Equal Opportunity Employer. Minorities/Women/Individuals with Disabilities/Veterans are encouraged to apply.

---

Virginia Tech
Invent the Future

TENURE-TRACK ASSISTANT PROFESSOR: CHRONIC HUMAN DISEASES

The Department of Biochemistry at Virginia Tech seeks applicants for a tenure track assistant professor position working in the area of chronic human diseases. We seek candidates who apply contemporary metabolic, proteomic, genomic, or systems biology approaches to addressing the causes, treatment and/or comorbidities of diseases such as — but not limited to — hypertension, diabetes, obesity, heart disease, Alzheimer’s disease, osteoporosis, or cancer. The successful candidate will be part of a multi-department cluster hire organized around the theme of Food Systems and Health that represents part of an ongoing program to expand Virginia Tech’s portfolio in the area of biomedical research. It is expected that the successful candidate will build and sustain an internationally-recognized, extramurally-funded research program, participate in student instruction, and will be open to opportunities to engage in collaborative research. Competitive start-up packages will be provided. In the past several years Virginia Tech has made major investments in their biomedical research infrastructure that include the establishment of a comprehensive biological mass spectrometry laboratory, a new vivarium, new BSL-3 laboratories, etc. The Department of Biochemistry (http://www.biochem.vt.edu) is currently home to sixteen tenure and tenure-track faculty working in areas ranging from molecular dynamics to infectious disease, metabolomics, drug development, signal transduction, and molecular microbiology.

Review of applications will begin on November 11, 2013 and continue until the position is filled. Applicants must apply online (https://listings.jobs.vt.edu, use posting number TR0130115). When applying for this position, please attach a cover letter, curriculum vitae, list of three references, statement of future research plans, and description of teaching philosophy to the online application; and arrange to have three letters of reference sent electronically to Prof. Jinsong Zhu (zhujin@vt.edu).

Virginia Polytechnic Institute and State University is an Equal Opportunity Educator and Employer.

Join the Conversation!

Twitter is a great way to connect with AAAS members and staff about the issues that matter to you most. Be a part of the discussion while staying up-to-date on the latest news and information about your personal member benefits.

Follow us @AAASmember and join the conversation with #AAAS
There’s only one
Galileo Galilei

Born in 1564, Galileo Galilei once contemplated a career in the priesthood. It’s perhaps fortunate for science that upon the urging of his father, he instead decided to enroll at the University of Pisa. His career in science began with medicine and from there he subsequently went on to become a philosopher, physicist, mathematician, and astronomer, for which he is perhaps best known. His astronomical observations and subsequent improvements to telescopes built his reputation as a leading scientist of his time, but also led him to probe subject matter counter to prevailing dogma. His expressed views on the Earth’s movement around the sun caused him to be declared suspect of heresy, which for some time led to a ban on the reprinting of his works.

Galileo’s career changed science for all of us and he was without doubt a leading light in the scientific revolution, which is perhaps why Albert Einstein called him the father of modern science.

Want to challenge the status quo and make the Earth move? At Science we are here to help you in your own scientific career with expert career advice, forums, job postings, and more — all for free. For your career in science, there’s only one Science. Visit ScienceCareers.org today.