POSTDOCTORAL OPPORTUNITIES

Yale SCHOOL OF MEDICINE

A position is available to join a multidisciplinary research team studying spinal cord injury and related chronic disorders (see Tan et al, J Neurosci, 28:13173-13183, 2008; Tan Prog Med Biol Transl Sci, 151:885-888, 2015; Bandaru et al, J Neurophysiol, 113:1598-1615, 2015). Ph.D. and/or M.D. degree, and experience/publications in neurophysiology with animal models of pain or motor dysfunction are essential. Experience with immunohistochemistry and rodent surgical procedures, including models of SCI and in vivo electrophysiology, are strongly desired. Superb opportunity to work as part of a rapidly moving, collaborative team, applying state-of-the-art methodology to investigate SCI, glial scarring, neuropathic pain, and spasticity. Send statement of interest, Curriculum Vitae, and three letters of reference to: Stephen G. Waxman, M.D., Ph.D. or Andrew M. Tan, Ph.D., Neuroscience Research Center, (127A), 950 Campbell Avenue, West Haven, CT 06516; e-mail: stephen.waxman@yale.edu; andrew.tan@yale.edu

POSTDOCTORAL POSITION

MAIZE CHROMOSOMES

A POSTDOCTORAL POSITION is available in the Division of Biological Sciences at the University of Missouri, Columbia to study the epigenetic aspects of centromere function in maize in terms of the molecular parameters that condition activity and inactivity, the sequence analysis of the supernumerary B chromosome in general and its centromere in particular, molecular aspects of B chromosome evolution, and exploration of the molecular basis of the drive mechanism of the B chromosome using sequence information. The B chromosome centromere has the advantage for such studies in that a specific repeat is present in and around this centromere that allows it to be distinguished from all others in the karyotype. The project will also be involved with the development and utilization of whole chromosome exonic paints for each maize chromosome. These experiments will be used to examine chromosomal structure, behavior and evolution. The University of Missouri-Columbia has a vibrant plant biology group providing an excellent training environment. (The University of Missouri is an Affirmative Action/Equal Opportunity Employer. Interested applicants should email their curriculum vitae including contact information of three references to James Birchler (e-mail: Birchler@missouri.edu).)
Search results: Careers in high tech

High technology permeates every corner of every enterprise, from global computing corporations, to social media and search establishments, to retail giants. Not surprisingly, these industries offer attractive playgrounds for Ph.D.-level scientists and engineers. By Alaina G. Levine

Almost every moment of our day is somehow touched by high technology. Whether you are searching for an old friend or buying coffee on the Internet, billions of lines of code, petabytes of data, and a potentially infinite amount of brain power make it possible. And behind every invention are scientists and engineers. As more industries are influenced by big data and computer-based systems, the need for talented Ph.D.-level science, technology, engineering, and mathematics (STEM) professionals to contribute to these arenas has grown considerably.

High tech jobs are exciting and diverse: The problems they address are interesting and intense, involve multifunctional (and in many cases, multinational) teams, and offer the chance to make a difference that is felt by customers the world over. As Nicholas Clinton, a developer advocate at Google with a Ph.D. in environmental science, policy, and management, says: “It’s great to feel like I’m part of something impactful, with real power to effect global-scale change.”

As a member of the developer relations team for Google Earth Engine, a platform for Earth science analysis, Clinton strives to ensure that external developers are able to utilize the instrument effectively. He collaborates with the Earth Engine engineering team to help them identify user needs and to improve the platform. “I conduct a lot of trainings, give a lot of lectures, and create documentation to enable users to do incredible things,” he says. “I ensure that researchers can use Earth Engine to perform high-impact, data-driven science.”

Sun Mi Chung, a Ph.D. astrophysicist and principal data scientist at AOL, also appreciates how rapidly her work affects the public. In her job, she applies machine learning techniques to optimize real-time bidding for advertisements on the AOL platform. “We have to think deeply about what makes sense in terms of the algorithms we use and whether we can put it into production quickly,” she says. Chandra Narayanan’s doctorate is in oceanography, and as director of data science for Facebook, he has engaged with almost every product in the company. With a background in creating numerical models for Earth systems, he was working for the National Weather Service when he heard that a new group was forming at PayPal that was eventually to become one of the first data science groups in industry. Narayanan came on board at PayPal in 2007, where his responsibilities included risk analytics and fraud identification.

His entry into Facebook in 2010 was facilitated by a former colleague. He initially joined the social network in its risk management practice, but every few months, “I took on a new portfolio,” says Narayanan. His accomplishments include building from scratch the teams that focus on Instagram, games, risk, payments, and advertisements. But he is most proud of his ability “to be able to charter a new course for what data science means in industry,” he says. “Many companies are using Facebook as their model to form data science teams.”

Investigating the diversity of destinations

Not surprisingly, data science careers are particularly prominent in the high tech space. David Evans is a computational linguist with a Ph.D. in computer science from Columbia University. He is also passionate about Japanese language and culture and had studied it since he was an undergraduate. An internship at IBM Japan while in grad school solidified his interest to work in that country and combine his two loves. While pursuing a postdoc at the National Institute of Informatics in Tokyo, Japan, an Amazon recruiter contacted him about an opening related to information retrieval and searching. The company cont.>

Upcoming Features

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needed someone who had both data analytic skills and a prowess in Japanese linguistics. “Because Japanese and English are so different, there are very different ways of searching for information in those languages,” says Evans. Given his research in information retrieval and the fact that he was bilingual, “it made sense for me to go to Amazon,” he says, and today he is a senior search engineer working for AS, a wholly owned subsidiary of Amazon Japan.

With data being utilized in increasingly new and creative ways, the diversity of career paths in high tech companies has increased, especially in multinational firms like IBM. Kristen Beck and Temitope A. Ogunyoku are both IBM employees and scientists who hold a Ph.D. — Beck’s doctorate is in biochemistry, molecular, cellular, and developmental biology, and Ogunyoku’s is in civil and environmental engineering. Their jobs and career paths are very different and are on opposite ends of the planet. And neither of them do what one might expect at Big Blue.

Beck, who is based at IBM Almaden Research Center in Silicon Valley, works on bioinformatics problems in association with the University of California, Davis and Mars, Incorporated. She is examining ways in which analytics can be applied to food safety on various fronts, including pathogen detection, antibiotic resistance, and food fraud or mislabeling. She leverages her biology background to implement solutions based on life science tools, such as next-generation sequencing.

Ogunyoku is a research scientist with IBM Research–Africa in Nairobi, Kenya, one of only 12 global research labs in IBM’s portfolio, where “I address grand challenges in Africa and develop solutions that affect people’s lives,” she says. Her focus is on creatively utilizing analytics to scrutinize complex interconnected datasets and deploy solutions in fields such as public safety and waste management. For example, her team monitored social media in Kenya for data about crime, because people use it as a platform to report public safety concerns. “We used algorithms and natural language processing systems to detect and determine the credibility of these incidents,” she explains, adding that the goal of this research was to develop a product that can be used by security companies to alert their clients of criminal activity.

Searching for an “in”

At Facebook, there are multiple entry points for Ph.D.-level scientists and engineers interested in joining the company. Your doctorate gives you access to jobs in product management, engineering, design, analytics, user experience research and even marketing and sales, says Narayanan. The key to employment? “Love the mission, be quantitative, be interested in solving hard problems and building awesome products,” he stresses. As the head of recruitment for analytics, he looks for candidates who display a “ton of curiosity, drive and leadership, have a highly analytic nature, enjoy a fast-paced environment,” and of course have superior coding skills. Interestingly, new employees in Facebook’s analytics department come in through a central pool, and after a five-week boot camp and orientation, can pick which group they want to work with.

Similarly, at Amazon, Ph.D. scientists are recruited for their technical expertise, and “you get to come in and look for a way to apply your work,” says Evans. “Your career is up to you. Amazon matches capabilities to interests and interests to projects.” For his team, he looks for professionals with a background in machine learning, computational linguistics, and information retrieval. But the key to getting a job, especially in software development and analytics, is to clarify “how what you are doing now can be applied to products [and systems] at the company,” he adds. That’s essentially how Clinton landed a position at Google. “The more you can demonstrate how Google can leverage your research and development work to achieve amazing, broadly applicable results, the better [your chances for getting a job],” adds Clinton.

In smaller organizations and startups, the hiring process tends to focus on immediate needs, as dictated by the business plan. When Kamal Jain, CEO and founder of Faire, a technology company for real estate, recruits, he looks for people with skills that match the task to be done. Radu Rusu, CEO and cofounder of Fyusion, a startup looking to reinvent the use of 3D imaging for consumer applications, pores over publications to find “research results that match our roadmap,” he says. But he also keeps an eye out for scientists who possess honesty, humility, and flexibility, a marker of their potential to prosper in his organization.

Navigating a new culture

As you transition into high tech, it is important to recognize the variances in culture among these types of companies, as compared to other sectors. One of the features of Google’s culture that Clinton immediately noticed is its emphasis on teams, which takes a different approach than what is usually found in universities. “The team environment is a big change from academia, where you work in collaborations, but a lot of time is spent on independent study,” he says. At Google, “you need very tight teamwork, timing, communication, and camaraderie to compete successfully.” At FICO, the financial services company, teams are always interdisciplinary, says Scott Zoldi, chief analytics officer, who holds a doctorate in physics. “You have to...”
The National Academies of
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Detailed program information, including instructions on how to apply online can be found on the NRC website at:
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Applicants must contact Adviser(s) at the lab(s) prior to application deadline to discuss research interests and funding opportunities. Questions should be directed to the:
NRC Research Associateship Programs
TEL: 202-334-2760; EMAIL: rap@nas.edu

Qualified applicants will be reviewed without regard to race, religion, color, age, sex or national origin.

The University of Hong Kong

Founded in 1911, the University of Hong Kong is committed to the highest international standards of excellence in teaching and research, and has been at the international forefront of academic scholarship for many years. The University has a comprehensive range of study programmes and research disciplines spread across 10 faculties and over 140 academic departments and institutes/centres. There are 28,000 undergraduate and postgraduate students who are recruited globally, and more than 2,000 members of academic and academic-related staff coming from multi-cultural backgrounds, many of whom are internationally renowned.

Post-doctoral Fellowships
Applications are invited for a number of positions as Post-doctoral Fellow (PDF) at the University of Hong Kong. Appointments will be made for a period of 2 to 3 years and the appointees must be in post on or before February 28, 2017.

PDF posts are created specifically to bring new impetus and vigour to the University’s research enterprise. Positions are available from time to time to meet the strategic research needs identified by the University. Positions are available in the following Faculties/Departments/Schools/Centres/Units:

- Faculty of Architecture
- Real Estate and Construction
- Civil Engineering
- Computer Science
- Electrical and Electronic Engineering
- Mechanical Engineering
- School of Biomedical Sciences
- Centre for Cancer Research
- Research Centre of Heart, Brain, Hormone and Healthy Aging
- Centre of Influenza Research
- Medicine
- Microbiology
- Orthopaedics and Traumatology
- Pathology
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- Centre for Reproduction, Development and Growth
- Chemistry
- Physics
- Geography
- Psychology
- The State Key Laboratory for Liver Research

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PDFs are expected to devote full-time to research. Applicants should be doctoral degree holders having undertaken original research that has contributed to the body of knowledge. A highly competitive salary commensurate with qualifications and experience will be offered. Annual leave and medical benefits will also be available.

Procedures
Prospective applicants are invited to visit our webpage at http://jobs.hku.hk/ to view the list of the Faculties/Departments/Schools/Centres/Units and their research areas for which PDF positions are currently available. Before preparing an application, they should contact the Head of the appropriate academic unit, or the contact person as specified, to ascertain that their research expertise matches the research area for which a vacant PDF post is available.

Applicants must submit a completed University application form, which should clearly state which position they are applying for, and in which academic discipline. They should also provide further information such as details of their research experience, publications, research proposals, etc.

Application forms (341/1111) can be downloaded at http://www.hku.hk/apptunit/form-ext.doc and further particulars can be obtained at http://jobs.hku.hk/. Closes April 17, 2016. The University thanks applicants for their interest, but advises that only candidates shortlisted for interviews will be notified of the application result.

The University is an equal opportunities employer and is committed to a Non-Smoking Policy.
be a good listener and a good collaborator,” he says. “It’s a rich environment, where different points of view are not just welcome—they’re expected. It’s not going to be one Ph.D. scientist solving the problem, but rather a group of people, from many different fields, working together....[This] yields better results.”

As Narayanan made his way through PayPal and Facebook, he was intrigued by how much his scientific skills easily transferred to the high tech industry. As an oceanographer, he was used to applying models to understand processes associated with natural phenomena. At PayPal and Facebook, he tapped into the same set of abilities. “It was easy to jump in. In fact it was seamless,” he says. “Being able to analyze data, recognize patterns, summarize results, break down problems in the simplest way—these are the kinds of things I learned prior to joining industry.”

Evans notes that the culture of Amazon encourages employees to identify ways to improve the company, whether or not that improvement is related to their job function. “We have the responsibility. We can take a real ownership of a problem,” he says. This translates to an ecosystem where individuals have a large amount of influence and freedom. One of the main projects he’s worked on had little to do with search capabilities. Rather, it was a company-wide effort that he spearheaded on his own, relating to setting the time of product launches according to local time zones as opposed to a central clock working off of the Seattle headquarters. “We had to replumb everything,” he says, referring to programming the systems to make it easier for customers to purchase items. It took years of partnering with teams across the planet, but “it felt surprisingly powerful to make this change worldwide.”

But Evans also clarifies that Amazon’s philosophy is not for everyone. “There is a lot of pressure,” he admits, “and it’s important to know your limits to achieve a work-life balance.” For someone coming straight from academia, adjusting to this fast-paced ecosystem might be challenging.

**Honing skill sets to achieve success**

Although there are ample professional opportunities in the high tech sector, it is critical for candidates to differentiate themselves from the competition, and certain skill sets are particularly advantageous to hone. For software engineering and data science careers, it is vital to understand databases and algorithms and how to apply them to solve real-world problems, says Michael Li, whose Ph.D. is in mathematics. He worked for Intel, Google, Foursquare, and JPMorgan Chase before launching the Data Incubator, which trains STEM Ph.D.’s for data science careers. He emphasizes that technical know-how is what hiring managers crave. “No one needs just an ‘ideas’ person. They need someone who can actually get the job done.”

“The people who are the most successful, marketable, and valuable do their job and also understand the broader picture,” says John Heinlein, vice president of marketing for ARM, a global designer of semiconductor intellectual property, whose Ph.D. is in electrical engineering. “They don’t stay in silos. You might never change your role, but you’ll do a better job if you understand what’s happening to the right, left, up, and down in the organization.”

**Advancing your career into new realms**

One aspect of high tech companies that is especially attractive to Ph.D. scientists and engineers is the flexibility to determine your own career path. The competition for top talent is fierce, and firms want to retain the brightest minds. So they offer their employees wiggle room to design their own career advancement strategy. For example, it is not uncommon to find lateral moves encouraged.

At Amazon, “I could move back to the States and still remain with my current team,” says Evans of his career options in the future. Adds Ogunyoku: “At IBM, you are able to reinvent yourself. I can go work for the design team or a global business unit, [among other choices]. Having a Ph.D. doesn’t limit me to only research and development.”

With this level of latitude across the high tech arena, job prospects and career decisions may seem overly complex. But there is a simple way to determine your next course of action in crafting a career there: Articulate your own values. “If you pick opportunities that align with your passion, that will help you be successful,” says Beck. “You’ll feel like you are part of the larger picture, and it allows you to be an ambassador for the cause of your choosing.”

Alaina G. Levine is a freelance science writer based in Tucson, AZ.

DOI: 10.1126/science.opms.r1600162
**Postdoctoral Position at the University of Southern California**

Postdoctoral position is available immediately in Dr. Yang Chai’s laboratory at the Center for Craniofacial Molecular Biology University of Southern California in Los Angeles. We are interested in the regulation of developmental patterning, organogenesis and mesenchymal stem cells. Our studies will seek to define molecular mechanisms governing both normal and abnormal craniofacial development, providing scientific rationales for future therapeutic strategies to prevent and treat craniofacial birth defects.

The candidate must have a PhD and be experienced with molecular and developmental biology. For details, please visit [https://dent-web10.usc.edu/ccmb/faculty_detail.asp?RS=1](https://dent-web10.usc.edu/ccmb/faculty_detail.asp?RS=1).

Send application, resume and three letters of recommendation to Dr. Yang Chai (c/o pathomps@usc.edu).

EOE/AA

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At Pfizer, postdocs are trained in the art and science of drug discovery, and work side-by-side with scientists who are expert in cutting-edge biology, disease mechanisms, drug delivery and mechanisms of action, and the engineering of novel therapeutic proteins, vaccines, and nucleic acids. Areas of scientific focus include cardiovascular and metabolic diseases, clinical research, comparative medicine, drug safety, biotherapeutics/protein engineering, inflammation and immunology, human exploratory biology, medicinal chemistry, neuroscience and pain, oncology, pharmacology, and vaccines, among several others.

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**Immediate Opening for Postdoctoral/Research Associate Level Neuropsychologist**

VeroScience is a small but very well developed biotechnology company focusing on neuroendocrine therapies for metabolic and immunological diseases. The company developed and owns Cycloset®, an FDA-approved therapy for the treatment of type 2 diabetes. VeroScience also has a strong pipeline of metabolic disease products and therapies for immunological disorders. The company is a hybrid of academic environment mindset and industrial focus within a small and efficient organization. The company conducts preclinical and clinical research nation-wide, utilizing strong academic and pharmaceutical industry collaborations to advance its development programs.

VeroScience has an immediate opening for a postdoctoral level neuropsychologist-electrophysiologist, with demonstrated expertise in the use of in vivo electrophysiological techniques to study neuronal activities within the central nervous system, including the use of direct wire microelectrode recordings. The successful candidate will have expertise in studies with both in vivo and in vitro models systems to investigate synaptic signal transduction activities between neurons in the central nervous system. A working knowledge of hypothalamic functions in the regulation of metabolism, particularly in insulin resistant states with a working knowledge of fuel sensing mechanisms within the central nervous system and hypothalamus would be a positive attribute for this position, though it is not required. Expertise in diverse molecular and cellular techniques to investigate neuronal signal responses to various fuel and neuro-modulatory exposures would be beneficial. Such activities will be studied in the context of the development and treatment of various metabolic disease states (diabetes, metabolic syndrome) and the impact of novel neuroendocrine therapies upon these disease states. The candidate will be part of an interdisciplinary team of scientists including neuroscientists, molecular biologists, chemists, zoologists, metabolic physiologists, chronobiologists, and endocrinologists in this metabolic disease therapy development program. Also, the group will interact with external collaborators from academia and industry. However, the candidate must be able to work independently and generate reports and publications from such investigations. Importantly, the successful candidate must have an excellent command of the English language and a demonstrated ability to publish well written articles in peer reviewed journals in this research area.

VeroScience offers competitive salaries and benefits as well as a very unique and stimulating working environment that allows one’s efforts and achievements to be quickly applied to real world health problems. Please send CV, names and contact information of three references, and a 1 page summary of scientific interests to Anthony_Cincotta@VeroScience.com.
Applications are invited for:

Department of Microbiology

The Department has a wide range of research facilities and access to a large comprehensive teaching hospital. The establishment provides a good environment for basic as well as clinical research and facilitates collaboration with other disciplines. Further information about the Department is available at http://www.cuhk.edu.hk/med/mic/.

(1) Assistant Professor (Non-clinical)
(Ref. 1516/192(665)/2) (Closing date: April 18, 2016)

Applicants should have (i) a PhD or equivalent; (ii) a strong research track record in the field of microbiology; and (iii) commitment to undergraduate teaching and postgraduate student supervision. Experience in gut microbiome, microbiota and faecal transplant research will be an advantage.

The appointee will (a) undertake teaching and related educational activities for undergraduate and postgraduate students; (b) supervise MPhil and PhD students; (c) apply for competitive research grants and related funding; and (d) conduct high-standard research projects independently and in collaboration with other parties.

Appointment will normally be made on contract basis for three years commencing as soon as possible, subject to mutual agreement, may lead to longer-term appointment or substantiation later.

(2) Research Assistant Professor
(Ref. 1516/194(665)/2) (Closing date: April 18, 2016)

Applicants should have (i) a PhD or equivalent; and (ii) a strong research track record in the field of microbiology. Experience in gut microbiome, microbiota and faecal transplant research will be an advantage.

The appointee will (a) apply for competitive research grants and related funding; and (b) conducting high-standard research projects independently and in collaboration with other parties.

Appointment will initially be made on contract basis for three years commencing as soon as possible, renewable subject to mutual agreement.

Salary and Fringe Benefits

Salary will be highly competitive, commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package, including medical care, plus a contract-end gratuity for appointments of two years or longer, and housing benefits for eligible appointees. Further information about the University and the general terms of service for appointments is available at https://www2.per.cuhk.edu.hk/. The terms mentioned herein are for reference only and are subject to revision by the University.

Application Procedure

Application forms are obtainable (a) at https://www2.per.cuhk.edu.hk/; or (b) in person/by mail with a stamped, self-addressed envelope from the Personnel Office, The Chinese University of Hong Kong, Shatin, Hong Kong.

Please send the completed application form and/or full curriculum vitae, together with copies of qualification documents, a publication list and/or abstracts of selected published papers, and names, addresses and fax numbers/e-mail addresses of three referees to whom the applicants’ consent has been given for their providing references (unless otherwise specified), to the Personnel Office by post or by fax to (852) 3942 0947 by the closing date.

Please quote the reference number and mark ‘Application – Confidential’ on cover. The Personal Information Collection Statement is obtainable at https://www2-per.cuhk.edu.hk/.
The CUNY Advanced Science Research Center (ASRC) seeks a dynamic and innovative scientist with demonstrated leadership and research accomplishments in Photonics to serve as:

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Applicants must be accomplished researchers with international stature in a photonics area with an outstanding record of scholarly activities and possess appropriate credentials for a senior faculty appointment at one of the CUNY colleges. The Director will develop the Photonics Initiative into an integral component of the ASRC’s scientific portfolio. Preference will be given to those whose research focus areas include but are not limited to one or more of the following: biophotonics, nanophotonics, terahertz technology, ultrafast spectroscopy, single molecule spectroscopy, or plasmonics.

*For more information about the CUNY ASRC Nanofabrication Facility, please visit nanofab.asrc.cuny.edu*

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To apply, visit asrc.cuny.edu/jobs

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**Universitätsklinikum Würzburg**

The Interdisciplinary Center for Clinical Research (IZKF) organizes the internal research funding of the Medical Faculty of the University of Würzburg. Its major goal is to strengthen clinical research on the basis of interdisciplinary cooperation between clinical and basic research groups. To carry out its mission, the IZKF supports cooperative research grants, promotes training and advancement of young researchers in medicine and improves the scientific infrastructure.

The IZKF intends to establish a new Junior Research Group:

**Tissue Regeneration in Musculoskeletal Diseases**

to be affiliated with the Musculoskeletal Center Würzburg (MCW). We are looking for a researcher with outstanding postdoctoral experience and international recognition in the general fields of tissue regeneration. This research group should focus on molecular dissection and reconstitution of early tissue regeneration including stem cell technologies, physical and biochemical cues and materials / scaffolds, in order to support concept strategies to establish e.g. SFB initiatives in these areas of research.

In addition to the position of the Group Leader the grant of the IZKF will provide funding for up to 5 years for:
- a postdoctoral scientist
- a PhD student
- Consumables and start-up funding

Laboratory space and basic equipment will be provided at the Department of Orthopedics König Ludwig Haus.

Further information on our homepage at [http://www.izkf.ukw.de/](http://www.izkf.ukw.de/)

Interested individuals should send a one-page description of their research interests and future directions, CV and publication list, and the names of three academic referees by 14.04.2016. We may request that short-listed candidates provide a more detailed research proposal at a later date. These candidates also will be invited to present their research in Würzburg.

Preference will be given to people with disabilities in the case of otherwise equal aptitude. The University aims to increase the proportion of female researchers; therefore applications from qualified women are particularly welcome.

Applications should be sent via email in one pdf-file to the IZKF office to:

**hawks_m@ukw.de**

Informal inquiries can be made to Prof. Heike Walles – heike.walles@uni-wuerzburg.de

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Looking to hire a cancer researcher? Reach them through the pages of Science. Our upcoming cancer feature explores how major institutions are planning to prepare for the challenges involved in precision medicine. This hot research area is sure to draw the readers you need to reach.

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  - AACR Career Fair, April 16, New Orleans, LA.

Expand your exposure by posting your print ad online:
- Link on the job board homepage to a landing page for cancer research positions.
Chief, Division of Endocrinology

Stony Brook University School of Medicine at the State University of New York invites applications for the position of Division Chief of Endocrinology from experienced Endocrinology faculty.

Required Qualifications: Physician candidates with U.S. Board Certification in Internal Medicine and either an MD or combined MD/Ph.D. degrees. High level of clinical competence. Collaborative leadership style. Strong administrative skills. Strong scholarly background and a vision to expand the division’s existing clinical, research and training endeavors. Strong interpersonal and communication skills. Experience in budgetary/fiscal/personnel management as well as proven mentorship ability.

Preferred Qualifications: Demonstrated publication and/or funding track record in clinical, translational, and/or basic research. Commitment to advancing scientific knowledge of the field of Endocrinology, as well as demonstrate a strong commitment to clinical, educational and academic excellence. Experience with development, management and expansion of a robust clinical program.

Responsibilities & Requirements: The Division Chief of Endocrinology is a full time position reporting directly to the Chair of the Department of Medicine. Responsibilities include overseeing the clinical care delivered by faculty within the division, promoting investigator-initiated scholarship and engaging in the training and professional development of junior faculty, fellows, residents and students. Other responsibilities include strengthening collaborative relationships with related departments. A critically important role for the Division Chief will be to engage faculty physicians in delivering high-quality care, improved service, and lower costs for our patients. Under strong leadership, the Division is anticipated to evolve into a major national and regional force in Endocrinology.

To qualify for an appointment as Associate Professor or Professor, the candidate must meet the criteria established by the School of Medicine (School of Medicine’s Criteria for Appointment, Promotion and Tenure).

Anticipated Start Date: ASAP.

Salary: Commensurate with experience.

Application Procedure: Those interested in this position should submit a State employment application, cover letter and resume/CV to:

Vincent W. Yang, MD, Ph.D.
c/o Susan Legrady
Department of Medicine
Health Sciences Center, Level 16, Room 020
Stony Brook University
Stony Brook, NY 11794-8160
Fax: (631) 444-3144

For a full position description, or application procedures, visit: www.stonybrook.edu/jobs (Ref. # F-9618-16-03).

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**Defense Health Program**

**Peer Reviewed Medical Research Program**

The Peer Reviewed Medical Research Program (PRMRP) funds exceptional research with the goal to improve the health and well-being of all military Service Members, Veterans, and their beneficiaries. The PRMRP received $278.7 million in fiscal year 2016 (FY16) and seeks grant applications in the following **topic areas**: Acute Lung Injury, Antimicrobial Resistance, Chronic Migraine and Post-Traumatic Headache, Congenital Heart Disease, Constrictive Bronchiolitis, Diabetes, Dystonia, Emerging Infectious Diseases, Focal Segmental Glomerulosclerosis, Fragile X Syndrome, Hepatitis B, Hereditary Angioedema, Hydrocephalus, Inflammatory Bowel Disease, Influenza, Integrative Medicine, Interstitial Cystitis, Lupus, Malaria, Mitochondrial Disease, Nanomaterials for Bone Regeneration, Nonopioid Pain Management, Pancreatitis, Pathogen-Inactivated Dried Plasma, Polycystic Kidney Disease, Post-Traumatic Osteoarthritis, Psychotropic Medications, Pulmonary Fibrosis, Respiratory Health, Rett Syndrome, Rheumatoid Arthritis, Scleroderma, Sleep Disorders, Tinnitus, Tuberculosis, Vaccine Development for Infectious Disease, Vascular Malformations, Women’s Heart Disease.

Descriptions of the FY16 PRMRP Program Announcements and General Application Instructions are anticipated to be posted on Grants.gov by **mid-March 2016**: • Clinical Trial Award • Investigator-Initiated Research Award • Discovery Award • Technology/Therapeutic Development Award • Focused Program Award

All applications must conform to the Program Announcements and General Application Instructions that will be available for electronic downloading from the Grants.gov website (all viewable under CFDA number 12.426). Execution management support will be provided by the Congressionally Directed Medical Research Programs.

For more information, please visit: [http://cdmrp.army.mil/funding/prmrp.shtml](http://cdmrp.army.mil/funding/prmrp.shtml)

http://cdmrp.army.mil
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**Special Job Focus:**

**Immunology**

Issue date: May 6

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Ads accepted until April 29 if space allows

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Principal investigator (PI) recruitment - Orthopedic research – Guangzhou, the First Affiliated Hospital of Jinan University

Job description

The Department of Orthopedics of the First Affiliated Hospital at Jinan University invites applications for a full-time Orthopedic research PI position in the area of Orthopedic diseases, including: I) epigenetic regulation mechanisms of knee osteoarthritis and diabetic osteoarthritis; II) the discovery of circulating biomarkers (peptide, protein, DNA, exosome) for the early diagnosis of human osteoarthritides and arthritis-related diseases; III) development of novel approaches for the early detection of osteoarthritides and infection after total knee (hip) arthroplasty. Applicant should have at least a Doctorate degree (M.D. and/or Ph.D.) with senior level research experience in research lab or at least 2-4 years of productive post-doctoral training experiences. Applicants must demonstrate a research focus on the elucidation of the cellular and molecular mechanisms of osteoarthritides, diabetic osteoarthritis and arthritis-related diseases. Candidates will be considered who employ relevant training in cells and molecular biology, molecular pathology, and preferably related to epigenetic regulation, circulating biomarkers discovery and arthritis study. Experience in type-2 diabetes or knee osteoarthritis diseases would be a plus. Applicants should send a curriculum vita, a summary of planned and/or ongoing research, and three letters of reference to: Director of Orthopedic of the First Affiliated Hospital at Jinan University (http://swdi120.com/).

Salary Range

Refer to Type II recruitment of Jinan University (Thousand Talents Plan/Chung Kong Scholar, and Distinguished Young Scientists)

Applicant Special Instructions

Materials needed to send: CV, research plan or summary, and three references to:

Contact Name: Zhen-Gang Zha, M.D. and Ph.D.
Phone: 86-20-38688617 FAX: 86-20-38681000 Email: zhzg@vip.163.com
Mailing Address: Institute of Orthopedic Diseases and Department of Orthopedics, the First Affiliated Hospital, Jinan University, Guangzhou, 510630, China

Deadline for Application: Apr 30, 2016
What makes Science the best choice?
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- Your ad dollars support AAAS and its programs, which strengthens the global scientific community.

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- Relevant ads lead off the career section with special biotechnology banner
- Bonus distributions:
  - BIO, June 6–9, San Francisco, CA
  - BIO Career Fair, June 9, San Francisco, CA.

Expand your exposure. Post your print ad online to benefit from:
- Link on the job board homepage directly to biotechnology jobs
- Dedicated landing page for jobs in biotechnology
- Additional marketing driving relevant job seekers to the job board.

Deliver your message to a global audience of targeted, qualified scientists.

129,574 subscribers in print every week

48,366 unique active job seekers searching for biotechnology positions in 2015

27,111 applications submitted for biotechnology positions in 2015

Produced by the Science/AAAS Custom Publishing Office.

To book your ad: advertise@sciencecareers.org

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**Laboratory Based Assistant/Associate Professor in Ovarian Cancer Research**

The Department of Medical Oncology at the Dana-Farber Cancer Institute, the Gynecologic Oncology Program of the Susan F. Smith Center for Womens’ Cancers, and the Brigham and Women’s Hospital invite applications for a full-time appointment at the Assistant or Associate Professor level. This individual will develop an independent laboratory-based translational research program focused on ovarian cancer. The research program will interface directly with the translational and clinical research efforts within the Gynecologic Oncology program at DFCI as well as other laboratories at DFCI. Candidates with interests in the genomic basis of ovarian cancer, ovarian cancer biology, and/or immunology as well as research engaged in pre-clinical development of new therapeutic approaches are especially encouraged to apply. The candidate must have an MD and/or PhD and a proven track record of outstanding laboratory research.

The candidate will work principally at the Dana-Farber Cancer Institute and the Brigham and Women’s Hospital. Appointment as Assistant or Associate Professor at the Harvard Medical School will be commensurate with experience, training and achievements. Salary and benefits will be competitive with other institutions. Dana-Farber Cancer Institute is an NCI-designated Comprehensive Cancer Center and is an equal opportunity employer.

Interested candidates must submit a curriculum vitae, a research plan and 3 letters of reference to: Ursula Matalonos, M.D., Director, Gynecologic Oncology Program, Dana-Farber Cancer Institute, 450 Brookline Avenue. Boston, MA 02215. Please send submissions via email to: umatulonis@partners.org

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**University of Bern**

The Medical Faculty of the University of Bern is accepting applications for a faculty position at the level of

**Full Professor (Ordinariat) for Biomedical Research associated with the Directorate of the Department of Biomedical Research**

starting January 1, 2017.

The Department of Biomedical Research (DBMR) is an institution affiliated with the Medical Faculty of the University of Bern with the task of coordinating and supporting biomedical research and the operation of core facilities.

Founded in 1994 as the Department of Clinical Research (DCR), the DBMR supports today the entire biomedical research conducted by the medical clinics of the Bern University Hospital (Inselspital). The DMBF provides an umbrella for all research groups with the aim to promote the exchange of important technologies and encourage scientific cooperation in the field of clinical, basic and translational research. Currently, 47 research groups are located within the DBMR that also encompasses a number of operational core facilities including flow cytometry, proteomics, genomics and live cell imaging. The Director DBMR is responsible for a total of 50 employees.

As Director, the applicant should be a highly qualified scientist and be internationally recognized as a pioneer in the biomedical research field. He/she will be responsible for the organization of research infrastructure affecting all clinics of the Bern University Hospital (Inselspital) and direct the development of core facilities within the DBMR. The applicant will work with clinical researchers, provide scientific advice to research groups and promote the continued development of junior scientists. The candidate will support the scientific development of the Medical Faculty by conducting his/her own research. A collaboration with the NCCR RNA and Disease Program is desired and preference will be given to candidates with a corresponding research interest.

We seek applicants with exemplary leadership, management, communication, and networking skills. Candidates must demonstrate the ability to integrate expertise across disciplines and will be called upon to motivate different sectors and professional groups within the DBMR.

A «Habilitation» or equivalent academic track record is required.

The University of Berne is an equal opportunity employer.

Women are particularly encouraged to apply in accordance to the DBMR’s effort to increase the number of women in leadership positions within the teaching staff of the medical faculty.

Further information can be obtained from the President of the Successor Commission, Prof. Aurel Perren, Director of the Institute of Pathology (E-mail: aurel.perren@pathology.unibe.ch).

Applications must be submitted by April 22, 2016 electronically to the Office of the Dean (E-mail: bewerbungen@meddek.unibe.ch). Information regarding requested documents you find under http://www.medizin.unibe.ch/dienstleistungen/fakultae_rechtsammlung/akademische_laufbahn/ausgeschriebene_professuren/index_ber.html.

The Office of the Dean, Medical Faculty, University of Bern, Murtenstrasse 11, CH-3008 Bern