School of Engineering & Applied Science

THE GEORGE WASHINGTON UNIVERSITY

ASSISTANT PROFESSOR (TENURE TRACK), DEPARTMENT OF BIOMEDICAL ENGINEERING, THE GEORGE WASHINGTON UNIVERSITY, WASHINGTON, D.C.

The George Washington University invites applications for a tenure-track assistant-professor position in the Department of Biomedical Engineering, to begin in fall semester 2014. This is an exciting opportunity for an outstanding person to join and contribute to the development of a new BME department. All areas of BME specialization will be considered. The Department will open formally in fall 2014 after moving the longstanding ABET-accredited B.S. program, and the M.S. and Ph.D. BME programs, from the Department of Electrical and Computer Engineering. The University is constructing a new 500,000 square-foot Science and Engineering Hall, adjacent to the University Hospital and Schools of Medicine and of Public Health, which will house state-of-the-art clean rooms, imaging facilities, and BME research and instructional laboratories. The School of Engineering and Applied Sciences will move into the building in spring 2015. The George Washington University is located in the nation’s capital, with close access to many federal funding agencies and government research laboratories.

Responsibilities: The successful candidate will be expected to be an enthusiastic and effective teacher of undergraduate and graduate courses in Biomedical Engineering and, equally, to establish a strong program of high-quality externally-funded research. BME faculty members actively contribute to an environment that values diversity and nurtures collaboration, creativity, and innovation. The new professor will have opportunities to actively support the Department’s efforts to attract new multidisciplinary partners across the University, and to advance and extend existing relationships with nearby government laboratories.

Basic Qualifications: Applicants must have an earned doctorate in Biomedical Engineering, Bioengineering, or a related field, outstanding academic credentials, clear evidence of potential for developing a strong externally-funded research program (as evidenced in part by peer-reviewed publications), and the ability to teach effectively at both the graduate and undergraduate levels. ABD applicants will be considered, but must complete all the requirements for the Ph.D. by expected start date.

Application Procedure: To apply, complete the online faculty application at http://www.gwu.jobs/postings/19294 and upload a cover letter, a detailed CV or resume, a concise statement of teaching and research interests, and full contact information for five professional references. Please also indicate your primary area(s) of expertise and interest, and desired professorial rank. Only complete applications will be considered. Review of applications will begin on February 17, 2014 and will continue until the position is filled.

EEO/AA Policy: The George Washington University is an Equal Opportunity and Affirmative Action Employer. Applications from women and under-represented minority groups are strongly encouraged.
Leveraging Committee Assignments for Advancement

Serving on faculty committees can be enriching, exciting experiences that enable you to increase your knowledge of your institution and field, develop new partnerships and expand your network, and sharpen critical skills. Service also shines a spotlight on a professor’s abilities, and can open the door to opportunities to pursue administrative jobs, apply for awards, and contribute to interdisciplinary research projects. But with a seemingly dizzying array of committees on which early career faculty can serve, how do you decide which to pursue, and when? Experts agree that the key is to seek opportunities that can add value to your institution and align with your interests and career aspirations.

By Alaina G. Levine

Stuart Sidle says that committee experiences have enriched his academic career. From serving on faculty searches, the associate provost for strategic initiatives at the University of New Haven in Connecticut learned to improve both his own evaluation of potential employees and his ability to prepare for job interviews. When he sat on a curriculum committee, he learned about the course approval process which helped him lead his department when he was chair. He recommends faculty incorporate committee assignments into their career advancement plans.

And he’s not alone in this opinion, “Committee work is crucial to your growth as a faculty member,” says Jeanne Hossenlopp, vice provost for research and dean of the graduate school at Marquette University in Milwaukee, Wisconsin. Conversely, “committee work is crucial to the life of a university.” Thomas Near, an associate professor of ecology and evolutionary biology at Yale University, agrees. “Faculty have to be savvy with our time but also generous of our time” as it relates to participating in committees, he says, because committee work “makes you a better member of the university community and improves the community itself as well.”

Those serving on committees see excellent return on their investment. Michael Palladino, dean of the School of Science at Monmouth University in West Long Branch, New Jersey, says serving on a broad range of committees—including those that focused on curricula, governance, hiring, and fundraising—has helped him as a dean. As an untenured faculty member, he found himself “thrust” into a leadership position when serving as the vice chair of the Faculty Council when the chair went on medical leave. “It had a much bigger impact than I thought,” he says. Colleagues and administrators began noticing that he was “not afraid to make decisions and was not only motivated by tenure,” which ultimately helped him solidify tenure after all. “I realized that service work that advances the university helps both me and the university,” he explains.

But even if you are not in a leadership role, contributing to a committee is “an effective way of contextualizing what you’re doing and broadening your viewpoint,” says David Pyle, a professor of earth sciences at the University of Oxford. “It allows you to become more engaged with the institution as a whole.”

Indeed, committee assignments give you “an appreciation of how complex the work of a university is,” says Hossenlopp. An institution’s behind-the-scenes elements, such as hiring, fundraising, funding, and even instrumentation and laboratory support, aren’t always apparent from your time in grad school or as a postdoc, explains Jennifer Swann, a professor of biological sciences at Lehigh University in Bethlehem, Pennsylvania. Yet they are essential aspects that keep the institution running smoothly that faculty should not only be aware of, but also contribute to in order to chart their own path to success.

Gaining Insight and Abilities

Depending on the committee, faculty can become familiar with different areas of their university as well as gain the opportunity to hone varied skill sets. Curriculum committees, for example, “help us to better train our students,” says Hossenlopp. Institutional policy and promotion and tenure committees enable you to grasp university politics, says Swann. And graduate recruitment or faculty search committees are an effective way to develop talent in articulating your value to new audiences, she adds.

Not surprisingly, most committee assignments enhance mem—continued>
Focus on Careers

Faculty

“I am very careful only to serve on committees that I care deeply about or on which there is a skill I can learn.”

— Kristin Douglas

“Picking committees can be tough water to navigate in. So how do you decide which assignments to pursue, and at what point might take up too much time, and how to say no to invitations, says Hossenlopp.

Many universities have formal mentorship programs for early career faculty to assist them in their service decisions. Douglas, for example, learned that at “different points in my career that ‘serving’ meant different things,” she explains. In her early career, she was encouraged to select committees that focus on education and curriculum development, which helped her become a better teacher. “As I got closer to tenure, my mentors advised me to join highly visible committees,” because it is important for people to see you on “big power” committees, such as governance boards.

Strive to serve on committees whose interests are united with your own. “It is essential that faculty chosen to serve on particular committees have the background, skills sets, and/or desire to make valuable contributions. Aligning faculty interests with the right committee is key,” says Palladino.

But don’t be afraid to serve on a committee that is outside your realm of expertise, as it can be invaluable, advises Pyle. When he volunteered for a finance and fundraising committee, he was “exposed to a completely new set of problems,” he says.

Highly Visible Committees

Since every university has its own culture, it is critical for a faculty member to know which committees to pursue during certain times in their career, especially in advance of receiving tenure. “Avoid Faculty Senate in your early career,” says Michael Blackburn, who serves as co-dean of the University of Texas Graduate School of Biomedical Sciences at Houston. “You become embroiled in untenable issues.”

However, “my gut instinct is that if you can have one of these highly visible positions and navigate it in a way that is sensitive to other people’s opinions and viewpoints while still being able to communicate your viewpoint, that ultimately builds respect for you,” says Douglas. She notes that her participation in her institution’s governance committee ultimately allowed others to see her leadership talents, which helped her land the position of associate dean.

No matter what committee you are on, people are watching you, and generally, “you do a disservice when you don’t speak up,” says Swann. Not only do you not help the committee itself, she adds, but “if you don’t say anything before tenure, no one’s going to listen to you after tenure... People put you on the committee because they want your voice.”

Know When to Say No

“My mentor told me you could say yes to every offer or just yes to the ones you care about,” says Douglas. “I am very careful only to serve on committees that I care deeply about or on which there is a skill I can learn.” Recognize you can (almost) always decline a committee offer. “If the president asks, you can’t say no,” she adds with a laugh.

Some professors are courted more than others to serve on committees, which necessitates saying no more often. Case in point: female and underrepresented minority professors, who frequently are asked to serve on more committees than their white, male counterparts. Pyle sees it firsthand at Oxford: “females may end up being pressed to be on far more committees than men,” he admits.

Although she herself has not experienced it, Douglas notes that “it does happen on campus, related to multicultural...”
Multiple Faculty Hires in Metabolomics

Now accepting applications, nominations and confidential inquiries

The University of Florida announces six new tenured or tenure-track faculty positions in metabolomics as part of a university-wide recruitment initiative to expand existing strengths in metabolomics and complementary areas such as big data, genomics and personalized medicine. We are seeking accomplished scientists with an established record of federal funding and expertise in analytical technology development, bioinformatics, and/or metabolomics applications in biomedicine or agriculture. All hires through this recruitment will be associated with UF’s Southeast Center for Integrated Metabolomics, a member of the NIH Common Fund consortium of six regional metabolomics centers. Six UF colleges are participating in this recruitment: Medicine, Liberal Arts & Sciences, Agricultural & Life Sciences, Dentistry, Pharmacy, Public Health & Health Professions.

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To apply or request more information, contact:
metabolomics_faculty_hire@secim.ufl.edu

The University of Florida is an equal opportunity institution.
Focus on Careers
Faculty

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**“One aspect of service that I always emphasize to new faculty is service to the profession.”**

—Michael Palladino

At Yale University, some committees have charters that necessitate untenured faculty to participate in them, says Near. But in general, the institution specifically does not consider internal service when making tenure decisions. “It’s more about your reputation in the international field,” he says, which means that early career faculty are encouraged to pursue assignments with professional societies that bolster their investigations and elevate their research profile. His involvement in the Society for the Study of Evolution and American Society of Ichthyologists and Herpetologists, in which he organized symposia at national meetings, helped him immensely. “It has provided tangible benefits to my research program and has kept me knowledgeable about advances in the field,” he concludes. “It helps the discipline and it helps you serving as a professional in the discipline.”

If your university allows it and better yet, favors it, consider participating in external committees sooner rather than later. “You are seen as a leader,” says Swann. “Not enough pre-tenure faculty do this, and it can only help you.”

**Advancing Your Profession, Institution, and Career**

For early career professors eager to serve your institution and profession through committee participation, don’t make the mistake of pursuing too much too soon. “It’s good to step back and realize you don’t have to achieve all of your goals in 2–3 years,” says Pyle. There are other people who can be tapped for assignments if you are overtaxed yourself, and there is always time after tenure to pursue stimulating committee projects that you don’t have time for presently.

In fact, post-tenure committee contributions should be woven into your career strategy. “Once you get through tenure, you’re supposed to broaden your horizons and be more invested in the way the university is conducting its business,” says Swann. Moreover, this is the time when you can become even more engaged in your professional society and seek vital leadership roles.

“Working on a committee can be very rewarding and you can do a lot of good things for the university, which can really help your reputation,” says Malcolm McCallum, a visiting assistant professor in the department of environmental studies at the University of Illinois at Springfield. “Just make your moves judiciously and carefully to minimize the negatives and maximize the positives.”

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

DOI: 10.1126/science.opms.r1400140

representation, because there aren’t as many faculty who represent that viewpoint, so there are certain people who get asked to serve more often.”

The increase in diverse sources of inspiration can inject new life and creativity into a committee. But for many women and minorities on a campus, they can often feel like they are being exploited.

Swann advises “beware the token position. To appear fair and balanced, many committees will recruit women and underrepresented minorities. But it may just be for show. Their opinions are not sought or heard, and they are often saddled with more than their share of the work. Talk to your chair or diversity officer if you are in this position.”

**Committees Outside Your Institution**

“One aspect of service that I always emphasize to new faculty is service to the profession,” says Palladino. “Serving as a panelist at a workshop or on a professional society committee (even if this starts at a regional chapter or organization) are all good opportunities.” Service to journals and granting agencies as a reviewer are also essential to advancement, he adds.

Participating in your professional association’s newsletter committee is a good way to launch external engagement, as Hossenlopp discovered. Early in her career, she served as the newsletter editor for the Division of Laser Science of the American Physical Society. It automatically positioned her to interact with prominent members of her field and opened her to networking channels she might not have had access to for years. “Build your professional network early, especially outside your department,” she advises.

As you craft your professional advancement plan, get to know the service culture of your university and department and how (and if) committee work influences promotion decisions. This will aid you in deciding when to participate in committees that are associated with professional societies. In the Department of Biological Sciences at Louisiana State University, “they don’t ask new assistant professors to serve on committees,” says Chakrabarty; internal committee invitations are offered only after a faculty member has been on staff for at least three years. But even then, internal service is not as important as your external service. “I was advised not to do much university committee work because it doesn’t count much toward tenure,” he notes. But he did volunteer to edit a journal and run workshops at conferences, which increased his knowledge of his field, augmented his network, and magnified his reputation in the minds of other leaders in the discipline.

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The University of Florida is seeking applicants for multiple positions in mucosal immunology and microbiome: host interactions for a multidisciplinary program aimed at preeminence in the field. These recruits will interact closely with more than 17 funded scientists and physicians already working in this area at the University. Investigation of the interaction between the mucosal innate immune system and the local microbiome is especially attractive. The successful applicant may study any mucosal surface, from the oral cavity and nasopharynx through the gastrointestinal tract, or the lung and pancreas; applying innovative approaches and/or unique technologies. Innate, B or T cell immunobiology andmetagenomic approaches to microbiome interactions are areas of emphasis, and the role of chronic inflammation of intestinal disorders and mucosa in oncogenesis would also fit well. The ideal candidate would be investigating an area that complements and enhances the basic and clinical expertise of the host colleges: Dentistry, Medicine, and Veterinary Medicine. The position is a full-time 1.0 FTE, tenure-accruing position with a primary academic appointment in Dentistry, Medicine or Veterinary Medicine; with preference given to scientists conducting currently-funded research or imminently fundable science. The primary duties include establishing a successful laboratory research program with sustained peer-reviewed funding, research mentoring of pre- and post-doctoral fellows and other trainees, and a modest level of teaching to undergraduate or graduate students. Applicants must have a terminal doctoral degree (e.g. PhD, MD, DMD/DDS, DVM) and have completed a postdoctoral fellowship training program. Highly competitive salary and laboratory start-up will be provided commensurate with experience.

Send electronic copies of a Curriculum Vitae and letter of interest to: Chair in Chemistry at the following email address: DN-Office-of-Research@ufl.edu.

The University of Florida is an Equal Opportunity Institution dedicated to building a culturally diverse and inclusive faculty and staff. The selection process will be conducted in accord with the provisions of Florida’s “Government in the Sunshine” and Public Records Laws. Search committee meetings and interviews will be open to the public, and all applications, resumes, and other documents related to the search will be available for public inspection.

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We are seeking outstanding candidates at the Professor or senior Associate Professor level who employ biochemical and biophysical approaches to the study of molecular structures and biochemical mechanisms. Areas of interest include, but are not restricted to, cancer, neuroscience, aging, metabolic disorders and drug discovery. In addition to the Welch Chair endowment and its associated newly renovated space, significant resources from the Institution, UT System (UT STARS) and State agencies such as the Cancer Prevention and Research Institute of Texas (CPRIT) are available to outstanding candidates.

The selected candidate will be expected to play a leadership role, including involvement in the hiring of several junior faculty within the department in the coming years. Currently, the Department has 19 primary faculty covering a broad range of research interests (http://www.biochem.uthscsa.edu/). There is a significant structural biology focus, which is supported by uniquely integrated core facilities in X-ray crystallography, NMR spectroscopy, Mass Spectrometry, AUC, SPR, ITC, and a new Center for Innovative Drug Discovery (CIDD), including High Content/High Throughput Screening and Medicinal Chemistry, established in collaboration with the University of Texas at San Antonio.

UTHSCSA is located northwest of downtown San Antonio in the South Texas Medical Center, gateway to the scenic Texas Hill Country, with its many recreational opportunities. UTHSCSA consists of five schools: Medical, Graduate, Dental, Nursing and Health Professions. San Antonio is the 7th largest city in the U.S. with a beautiful, historical downtown area featuring the Riverwalk with its diverse entertainment, and fine restaurants.

Please submit a Curriculum Vitae, description of research interests, list of four referees and a cover letter to Dr. Bruce J. Nicholson, Chair of Biochemistry, MSC 7760, UTHSCSA, 7703 Floyd Curl Dr., San Antonio, TX 78229-3900, or by E-mail to Esther James at jamese@uthscsa.edu.

The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action Employer. All faculty appointments are designated as security-sensitive positions.
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The Division of Musculoskeletal Sciences, Department of Orthopaedics and Rehabilitation at The Pennsylvania State University College of Medicine is seeking applications for the James Bobb Endowed Professor of Orthopaedics & Rehabilitation. This tenure track or tenured appointment will be at the Associate Professor or Professor level and in the area of musculoskeletal sciences or engineering. This position includes a highly competitive salary and significant start-up funding. The successful candidate should have a Ph.D. in a biological science or engineering field relevant to musculoskeletal science, an appointment at the Associate Professor level or higher at their current institution, a strong record of research accomplishment, scientific leadership in musculoskeletal research, extramural research funding, and high quality publications. This is a unique opportunity to join a well-established, highly interactive research group consisting of engineers, material, clinical and basic scientists focusing on musculoskeletal research.

Send curriculum vitae and the names of at least three references to:

Bobb Search Committee
Department of Orthopaedics and Rehabilitation
The Pennsylvania State University
College of Medicine
500 University Drive, H089
Hershey, PA, 17033
e-mail: adams10@hmc.psu.edu

Employment will require successful completion of background check(s) in accordance with University policies.

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Nanjing Agricultural University
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Nanjing Agricultural University (NAU) welcomes top talent in research and academics for full-time positions.

NAU is a national key university under the direct administration of the Ministry of Education of the People’s Republic of China. NAU is a Project 211 institution and one of the Innovation Platforms for Outstanding Disciplines under the 985 Excellence Initiative Project launched by China’s Ministry of Education.

● Eligible applicants:
Tenured professors at overseas universities or young scholars with PhDs from overseas universities.

Candidates should be involved in one or more of the following research areas: crop science, agriculture resource utilization and environment sciences, plant protection, veterinary medicine, horticulture, biology, agricultural and applied economics, land resource management, food science, history of science and civilization, ecology, animal husbandry, agrostology, public administration, industrial economics, business administration, finance, agricultural and bioinformatics, marine biology, and modern agriculture equipment engineering.

● Employee benefits:
1. Initial research funding ranging from RMB 500,000 to 10,000,000 will be provided, depending on discipline and applicants’ status. Laboratory and office will be arranged.
2. NAU also provides housing and a relocation allowance.
3. Special support will be provided to each leading researchers, including a full-time administrative secretary, assistance in assembling a research team, and priority in recommendations for research funding and government talent schemes.

Tel: (86) 25-84399039 Ms. Chen Zhiying
E-mail: rcb@njau.edu.cn
Website: http://www.njau.edu.cn

Faculty Positions Available at
Capital Normal University

Capital Normal University invites applications for full-time positions in research and academics. Established in 1954, Capital Normal University (CNU) is a comprehensive university offering majors in arts and humanities, sciences, technology, business management, laws, education, foreign languages, and art. CNU is a key university under the administration of Beijing Municipal Government, and a Project 211 institution. For more detailed information, please visit the website http://www.cnu.edu.cn/page/info_details.jsp?seq=20433&boardid=71002&classcode=71002

Eligible applicants:
Young scholars with PhDs or postdoctoral research experiences with a specific area of expertise and outstanding research achievements. The applicant must be physically healthy, and demonstrate good teamwork skills.

Professors are required to be under 45 years of age, exceptions can be made for holders of high-level academic titles; PhDs are expected to be under 35 years of age, and post-docs under 40.

Employee benefits:
CNU provides different levels of competitive salaries and start-up research funding. Housing and relocation allowances will be provided for the professors. Post-docs or PhDs from overseas universities with vice senior academic titles who have made significant academic achievements can apply for temporary housing.

To apply:
Please submit the following items to the related colleges or departments, and forward it to the Personnel Department of CNU: Curriculum Vitae; proposed work plan for 3 years; a list of papers and publications in the last 5 years; a list of awards won; a list of research projects participated or led by the applicants; and reference letters from experts in the applicant’s field of study.

Please also send paper copies of the application package to:
Personnel Department, Capital Normal University, 105 Xisanhuanbeilu, Haidian District, Beijing 100048, P.R. China
Contact: Zhou Quan, Chen Wenxin
Email: cnuhr2013@163.com
Tel: 86-10-68902824
Fax: 86-10-68902240

Facility Positions Available in Southwest University, Chongqing, China

Southwest University is a national key university of the “211” project directly under the Ministry of Education. It is located in Chongqing, the youngest municipality of China. The university hosts approximately 50,000 students, covering undergraduate, postgraduate and other programs. For more detailed information, please visit the website: http://www.swu.edu.cn/

Applications for full-time professors, associate professors and distinguished scientists are welcome. Competitive salaries and start-up funds will be provided to successful candidates, in line with the national Recruitment Program of Young Experts.

The Recruitment Program of Young Experts (i.e. the Plan for Recruiting 1,000 Professorship for Young Talents): The candidates are required to be under the age of 40 and have obtained a PhD degree in a world-renowned university with at least 3 years of research experience abroad, or have obtained a PhD degree in Mainland China with at least 5 years of research and teaching experience abroad. Special offers will be granted to those who have excellent research achievements during their doctoral study.

Further information is available at http://renshi.swu.edu.cn/rcgzbgs/
The Talents Recruitment Office, Southwest University, Beibei, Chongqing 400715, P. R. China. 0086-23-68254265.

Please kindly send applications or nominations in the form of an application letter enclosing a current CV to rencai@swu.edu.cn.
**Faculty Position - Industrial Sustainability**

Yale F&ES announces a tenured or tenure-track position for an innovative scholar working in industrial ecology, or closely allied field, with a substantial track record of research focused on sustainable resource management at multiple scales. Research should be grounded in an interdisciplinary approach that bridges the social and biophysical sciences. Areas could include environmental life cycles relating to materials, services, facilities, infrastructure, and technologies, using methods and tools such as material and energy flow analysis, lifecycle assessment, systems modeling, urban metabolism, foot-printing, input-output analysis, or complex systems theory. Interests in environmental product and technology assessment, as well as supply chain management and dematerialization, would also be advantageous.

The successful candidate is expected to build upon and enhance the School’s reputation in industrial ecology through an excellent research program and active engagement with industry, government, and NGO communities. Established by pioneers in the field, the Center for Industrial Ecology at F&ES houses the Journal of Industrial Ecology and the Secretariat for the International Society for Industrial Ecology.

Applicants should have a doctoral degree in a related field, and will be expected to teach and mentor PhD, Masters and undergraduate students, as well as to develop an internationally-recognized research program that involves graduate students, including through fieldwork.

Please submit materials by Saturday, March 15, 2014 for full consideration – https://academicjobsonline.org/ajo/jobs/3743

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Yale University is an affirmative action/equal opportunity employer; applications from women and minorities are encouraged.

http://environment.yale.edu

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Candidates should demonstrate the potential to develop an innovative and extramurally funded research program and have a Ph.D. or equivalent plus a minimum of two years postdoctoral experience. Compensation and lab start-up costs are funded by the University and are not dependent on grant funding.

Please submit a letter of application, a CV, a concise statement of teaching interests and educational philosophy, a well-defined research plan including specific aims and objectives and three references to www.dmu.edu/employment. Review of applications will begin immediately and continue until a successful candidate(s) is identified and hired.

Des Moines University is an equal opportunity/affirmative action employer. The University seeks excellence through diversity among its administrators, faculty, employees and students. The University prohibits discrimination on the basis of race, color, national origin, creed, religion, age, disability, sex, gender identity, sexual orientation, veteran status, genetic information or any other legally protected status. Applications by members of underrepresented groups are encouraged.

**J. Craig Venter Institute**

**OPEN FACULTY POSITIONS**

La Jolla, CA and Rockville, MD

For more than two decades our scientists have been at the forefront of the genomic revolution. Now, we want you to join us in our quest!

JCVI is seeking qualified applicants for positions at all levels particularly in the following research focus areas:

- Environmental and ecological genomics
- Host/microbe interactions, including microbiome research
- Synthetic biology
- Bioinformatics and computational biology
- Virology and vaccine development

Successful candidates will conduct innovative, independent research, collaborate with our interdisciplinary, highly collegial group of scientists within JCVI, and complement existing strengths within the Institute. Candidates must have a Ph.D. or M.D., a minimum of three years of Post-Doctoral research training, and be able to demonstrate the ability to establish and maintain a vigorous independent, externally funded research program. The level of appointment will be commensurate with experience.

JCVI offers an excellent working environment and a competitive benefits package. Interested applicants should apply directly in our career center at www.jcvi.org.

Equal Opportunity Employer

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**FACULTY POSITIONS**

Yale School of Forestry & Environmental Studies

The University of Tennessee College of Pharmacy

THE UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER

The University of Tennessee College of Pharmacy

J. Craig Venter Institute
Faculty Positions
Department of Pharmacology
The University of Michigan

The Department of Pharmacology is seeking applications for two tenured/tenure-track positions at the ASSOCIATE or PROFESSOR level. We are seeking outstanding individuals with research experience and interests that augment current department initiatives in Drug Metabolism, Pharmacogenetics, Clinical Pharmacology, Signal Transduction, Neuroparmacology/Behavioral Pharmacology, or Cardiovascular Pharmacology. Qualifications include a Ph.D. in Pharmacology or a related discipline and/or M.D. degree, a strong record of nationally competitive external funding, a sustained record of excellent research productivity, and an outstanding national reputation in their field of interest. Applicants will be expected to maintain extramural funding, participate in the teaching of both medical and graduate school courses, and to support and mentor graduate students and postdoctoral fellows. An attractive startup package including excellent laboratories and generous startup funds will be available. Salary will be commensurate with experience.

The successful candidates will join a dynamic, diverse, and collaborative department in a Top 10 Medical School in a university setting with superb opportunities for continuing career development. The quality of life in Ann Arbor is outstanding. The combination of a large, major research university and a small, safe, family-oriented community make Ann Arbor an ideal environment. Ann Arbor offers an outstanding combination of sports, recreation, and cultural events.

Applicants should send their curriculum vitae, a three-page summary of their research program and future research plans, and information related to past and current teaching experience as a single PDF file to effegie@umich.edu. Three letters of recommendation should also be sent electronically. Address all correspondence to:

Dr. Peggy Gnegy, Chair
Pharmacology Search Committee
Department of Pharmacology
The University of Michigan Medical School
1150 West Medical Center Dr.
Ann Arbor, MI 48109-5632

Review of applications will begin on February 24, 2014, and will continue until both positions are filled.

The University of Michigan is an Affirmative Action/Equal Opportunity Employer. Applications from qualified women, minorities and/or disabled individuals are encouraged.

Faculty Positions
Infectious Diseases Research

The Public Health Research Institute (PHRI) of Rutgers New Jersey Medical School located in Newark, New Jersey, is recruiting a new faculty member at the mid or senior levels to join a growing group of 23 laboratories. PHRI (www.phri.org) is a leading infectious diseases research center that emphasizes basic and translational sciences. Candidates must have training and experience of the highest quality and a funded research program addressing critical questions in cell biology, immunology and molecular biology that offer novel insights into pathogenicity, as well as innovative approaches for new vaccines, therapeutics and diagnostics. Preference will be given to programs focused on major viral and bacterial pathogens. We will only consider candidates who have current, long-term NIH grant support or equivalent funding from other sources. The PHRI Center is housed in a state-of-the-art research facility that has extensive core services, including a nationally-designated BSL3 laboratory and animal facilities, X-ray facility for structural studies and an applied genomics center. The PHRI Center offers a robust and highly collegial research environment, generous start-up funds, and a comprehensive benefits package. Candidates should submit a curriculum vitae, a statement of research interests and accomplishments and a list of at least three references to: Dr. Issar Smith, Public Health Research Institute, Rutgers New Jersey Medical School, 225 Warren Street, Newark, NJ 07103; Phone: (973) 854-3260; Fax: (973) 854-3101; E-mail: smithi@njms.rutgers.edu.

Please note that effective July 1, 2013, as a result of the New Jersey Medical and Health Sciences Restructuring Act, several units from the former University of Medicine and Dentistry of New Jersey (UMDNJ) are now part of Rutgers Biomedical and Health Sciences (RBHS). For the purposes of payroll and benefits administration, the above position is a legacy UMDNJ position at Rutgers, and is eligible for benefits associated with legacy UMDNJ positions.

Rutgers, the State University of New Jersey, is an Equal Opportunity/Affirmative Action employer, and is compliant with the Americans with Disabilities Act (ADA). For more information, please visit http://jobs.rutgers.edu/TheRUC/Commitment.htm

Rutgers
New Jersey Medical School
Tenure-Track Associate Professor/ Assistant Professor in Ecosystem Function
(Ref.: 201400024)

Applications are invited for tenure-track appointment as Associate Professor/Assistant Professor in Ecosystem Function in the School of Biological Sciences, from as soon as possible. The position will initially be made on a three-year term basis, with the possibility of renewal and with consideration for tenure during the second three-year contract. For exceptionally outstanding candidate, the appointment can be made with tenure.

Current strategic research areas of the School include: Food Safety and Food for Health, Endocrinology, Ecology, and Plant Evolution and Adaptation. Further information about the School can be obtained at http://www.biosch.hku.hk.

Applicants should have expertise in ecosystem function and services. Preference will be given to those with an interest in marine ecosystems. The appointee is expected to teach courses related to ecology and environmental sciences, and concurrently serve as a Resident Scientist in the Swire Institute of Marine Science of the University.

A globally competitive remuneration package commensurate with qualifications and experience will be offered. At current rates, salaries tax does not exceed 15% of gross income. The appointment will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15% of basic salary, as well as annual leave, and medical benefits. Housing benefits will be provided as applicable.

For enquiries about the existing research activities and the specific job requirements, please write to Professor S.S. Wu, Director of the School of Biological Sciences (e-mail: rudolphwu@hku.hk). Interested applicants should submit a completed application form, together with a full C.V., a research plan, and a statement on teaching philosophy to scibst@hku.hk. Please indicate clearly the reference number and which level they wish to be considered for in the subject of the e-mail. Application forms (SR/1111) can be obtained at http://www.hku.hk/apptunit/form-ext.htm. Further particulars can be obtained at http://jobs.hku.hk.

Closing March 31, 2014.

The University thanks applicants for their interest, but advises that only shortlisted applicants will be notified of the application result. The University is an equal opportunity employer and is committed to a no-smoking policy.

Research Position at ICYS, NIMS, Japan

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

In the ICYS, we offer a special environment that enables young scientists to work independently based on their own idea and initiatives. All management and scientific discussions will be conducted in English. An annual salary between 5.03 and 5.35 million yen (level of 2013) will be offered depending on qualification and experience. The basic contract term is two years and may be renewed to one additional year depending on the person’s performance. A research grant of 2 million yen per year will be supplied to the ICYS researcher.

All applicants must have obtained a PhD degree within the last ten years. Applicants should submit an application form, which can be downloaded from our web site, together with a resume (CV) and a list of publications. A research proposal on an interdisciplinary or integrated area related to the materials science should also be submitted. The application letter should reach the following address via e-mail or air mail by March 31, 2014. Visit our website for more details (http://www.nims.go.jp/ICYS/).

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

Research Positions

CAREERS
Applied Science, Technology, and Engineering Research

INL’s Energy and Environment Science and Technology Directorate is seeking outstanding, highly creative and motivated early to mid-level career professionals to join our multi-disciplinary research teams. The Directorate is INL’s principal multi-mission organization focused on research to advance clean energy systems, advanced transportation, advanced process technology and related sciences.

Multiple positions are available in the following areas:

• Biotechnology research including biomass characterization, conversion, preprocessing and molecular biology.
• Analytical chemistry specializing in laser spectroscopy and mass spectrometry.
• Materials science and physics with focus on performance in harsh environments, nondestructive evaluation, and radiation based imaging.
• Membrane science with a focus on dense film separation and filtration.
• Geology and Hydrology with a focus on hydraulic fracturing and geothermal evaluation.
• Scientific visualization research in a CAVE environment with a focus on immersive visualization, virtual reality, graphics programming, and large format display technologies.

The Idaho National Laboratory is a science-based, applied engineering national laboratory dedicated to supporting the U.S. Department of Energy’s mission in nuclear energy research, science, and national defense. With 3,800 scientists, researchers and support staff, the laboratory works with national and international governments, universities and industry partners to discover new science, develop technologies that underpin the nation’s nuclear and renewable energy, national security and environmental missions. The Laboratory is a multi-program national laboratory. It currently performs a range of research and development activities associated with energy and national security. The laboratory currently has more than 150,000 sq. ft. of modern research facilities with a significant amount of wet laboratory space that are supported by a vast array of state-of-the-art research instrumentation. Idaho Falls is conveniently situated near many national treasures such as Yellowstone National Park, Teton National Park, Jackson, WY, etc. For more information about the area, please visit www.visitidahofalls.com and www.visitidaho.org. Interested parties should visit our website at www.inl.gov.

INL is an Equal Opportunity Employer M/F/D/V

Opportunities for POSTDOCTORAL RESEARCHERS in Biomedical Research at the Spanish National Centre for Cardiovascular Research CNIC, Madrid - Spain

The CNIC is dedicated to excellence in cardiovascular research and to translating new knowledge into real improvements in clinical practice. The scientific project of the centre has been structured in three areas:

• Cardiovascular Development and Repair Department (CDRR)
• Vascular Biology and Inflammation Department (VBI)
• Epidemiology, Atherothrombosis and Imaging Department (EAI)

To be eligible, candidates must:

• Hold a PhD degree that must have been awarded no more than five years ago (exceptions will be made for documented career breaks and candidates with children)
• Have, at least, one publication as first author in an international peer reviewed journal
• Candidates must not have resided or carried out their main activity in Spain for more than twelve months in the last three years

The CNIC can offer you:

• A 3-year contract
• An internationally competitive salary
• State of the art infrastructure and latest generation of technological equipment
• Scientific-technical support and complementary training

Deadline for submission of proposals: 4 April 2014

CNIC is an inclusive, equal opportunity employer, irrespective of nationality, ethnic origin, gender, marital or parental status, sexual orientation, creed, disability, age or political belief. Confidentiality is guaranteed throughout the selection process and all current regulations relating to the protection of personal data will be strictly adhered to.

For further information and applications, please, visit www.cnic.es
OUTLINE: The International Institute for Carbon-Neutral Energy Research (FCNer) is one of the World Premier International Research Center Initiative (WPI) Institutes supported by the Japanese Ministry for Education, Culture, Sports, Science and Technology (MEXT). Faculty members and researchers associated with FCNer are dedicated to the Institute’s mission to contribute to the advancement of low carbon emission and cost effective energy systems and improvement of energy efficiency. Amongst the array of technologies that FCNer’s research aims to enable is the production, storage, and utilization of hydrogen as a fuel in a hydrogen-based economy. Our research also explores the underlying science of CO2 capture and storage or the conversion of CO2 to a useful product. Additionally, central to FCNer’s mission is the establishment of an international academic environment that fosters innovation through collaboration and interdisciplinary research (fusion).

QUALIFICATIONS & CURRENT OPENINGS: FCNer is seeking a non-Japanese, internationally recognized scientist at the senior-level with experimental and/or computational expertise in the physics, chemistry, mechanics, or materials science aspects of:

- Hydrogen Production
- Fuel Cells
- Hydrogen Storage
- CO2 Capture and Utilization
- Energy Analysis
- Hydrogen Materials Compatibility
- Thermal Science and Engineering
- Catalytic Materials Transformations
- CO2 Storage

The successful candidate is expected to work as a principal investigator within the institute, establish and maintain an active and independent research program that is relevant to the mission of the Institute, and provide service to the Institute, the university, and the profession. In particular, emphasis will be placed on candidates who have achieved national and international recognition for their scholarship and have a proven record of interdisciplinary research.

REQUIRED APPLICATION MATERIALS: Applicants must provide 1) Cover letter, 2) Application form (located on website), 3) Curriculum vitae that details research experience and interests, 4) Research proposal (please use website template), 5) List of publications, 6) Names and contact information of four references. All materials must be submitted in English.

SALARY & ENVIRONMENT: Salary is competitive and will be commensurate with qualifications and experience.

In addition to our competitive salary plan, we also offer any or all of the following additional resources to qualified faculty, commensurate with experience:

Office, Laboratory of approx. 300m2, Post-doc(s), Technical staff, Secretarial support

APPLICATION DEADLINE: Monday, March 31, 2014, 17:00 (Japan)


CONTACT AND SUBMISSION: E-mail: wpi-office@i2cner.kyushu-u.ac.jp

International Institute for Carbon-Neutral Energy Research (FCNer) Kyushu University, 744 Motooka, Nishi-ku, Fukuoka, 819-0395, JAPAN

TEL: +81-(0)92-802-6932 FAX: +81-(0)92-802-6939

Ever since its founding in 1984, the Santa Fe Institute has reinvented the practice of science by creating a unique research environment that rejects disciplinary boundaries. Here, leading theoretical scientists from many fields collaborate in search of fundamental principles that govern physical, biological, social, and informational organization at all scales. The Institute now seeks an uncommon leader to guide this world-renowned nonprofit research and education center.

www.santafe.edu/2015president

President, Santa Fe Institute

International call for applications for two remarkable grant awards within the areas of biomedicine and biotechnology

Novo Nordisk Foundation Laureate Research Grants are for leading scientists to come to Denmark to build their visionary research programs.

Grant funding

- Up to 40 million Danish kroner over 7 years (EUR ~5.4 million, USD ~7.2 million)
- NNF Laureate Grant holders can apply for continued funding, up to DKK 35 million over 7 additional years

Application deadline

April 11, 2014

Further information

To learn more about these grants, eligibility and the application process, please visit

www.novonordiskfonden.dk/en

novonordiskfonden
PRESIDENT, CIRM

The California Institute for Regenerative Medicine (CIRM) is seeking applications and nominations for the position of President.

California's stem cell agency, the California Institute for Regenerative Medicine (CIRM) was established in early 2005 following the passage of Proposition 71, the California Stem Cell Research and Cures Initiative. The statewide ballot measure, which provided $3 billion in funding for stem cell research at California universities and research institutions, was approved by California voters on November 2, 2004, and called for the establishment of a new state agency to make grants and provide loans for stem cell research, research facilities, and other vital research opportunities. As a result, CIRM has become one of the most influential agencies in the universe of stem cell research, but also an important example of how science can be promoted and supported in novel partnerships more broadly.

After just 9 years, CIRM has put California at the forefront of stem cell research. Scientists, facilities, and a broad range of projects have grown steadily, creating a body of work that encompasses fundamental discovery and translation to pre-clinical testing, and more recently, clinical trials. With the remaining resources of the state's commitment, it is CIRM's intention to focus its funding decisions increasingly on a host of projects with particular clinical promise, bringing the most promising therapies to patients as quickly as possible.

The President of CIRM is the chief executive officer and appointed by the Governing Board. In addition to being an exceptional leader, the next President must be a highly respected executive, have a strong scientific background and business acumen, exhibit sensitivity to a unique culture, and have the ability to manage a complex agency with a novel organizational model. The President will play a major role in connecting groundbreaking scientists with their colleagues, the investor community, biotechnology and pharmaceutical companies, and other potential collaborators, all with the specific purpose of demonstrating the value of stem cell discoveries in benefiting human beings.

Candidates will have an M.D., a Ph.D., or both, equivalent industry experience or a similar body of knowledge developed in professional roles.

Korn Ferry is assisting CIRM with this important search. Please forward, as soon as possible, your CV/resume, including a letter of interest, or nominations of appropriate candidates to: Warren E. Ross, M.D., c/o Betsy Messina (betsy.messina@kornferry.com), Korn Ferry, 1835 Market Street, Suite 2000, Philadelphia, PA 19103. The California Institute for Regenerative Medicine is an Equal Employment Opportunity Employer and committed to a diverse workforce.

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CARNEGIE INSTITUTE FOR SCIENCE
DIRECTOR
DEPARTMENT OF EMBRYOLOGY

The Carnegie Institution for Science seeks a Director for its Department of Embryology. The Director will lead a faculty working on developmental biology in a variety of model organisms and will be expected to carry out an active research program of her or his own. A full description of the Department is available at http://emb.carnegiescience.edu. Applicants should have a substantial and excellent record of original research in developmental biology.

The Institution was founded and endowed in 1902 by Andrew Carnegie who envisioned an independent institution for discovery. Currently, there are six research departments: Embryology in Baltimore, Terrestrial Magnetism and the Geophysical Lab (both in Washington, DC), Astronomy (in Pasadena, California and Las Campanas, Chile), Plant Biology and Global Ecology (both in Stanford, California). A significant portion of the budget is provided from endowment funds supplemented by federal and private grants. The institution is governed by an independent board of trustees.

Please send a brief statement of research interests along with a web site address, CV and bibliography (last five years) to http://jobs.carnegiescience.edu/emb-director no later than March 15, 2014.

The Carnegie Institution is an Equal Opportunity Employer and encourages applications from women, minorities, and those with disabilities.

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Seventh International Conference
SUMO, Ubiquitin, UBL Proteins: Implications for Human Diseases

Organized by
Edward T.H. Yeh and Guo-Qiang Chen
May 10-13, 2014
Shanghai, China

www.sentrin.org
Appointment of Vice-Presidents (Research and Technology)
National University of Singapore

The Office of the Deputy President (Research & Technology) (ODPRT) at the National University of Singapore (NUS) (Website: http://www.nus.edu.sg/dprt/) is responsible for the development of research and technology across the university, in all disciplinary and cross-disciplinary areas. Direct reports to the Deputy President (Research & Technology) (DPRT) include Director (Research Administration), Director (Humanities & Social Sciences Research), Director (Comparative Medicine), NUS Institutional Review Board (IRB), NUS Institutional Care & Use Committee (IACUC), NUS Graduate School for Integrative Sciences & Engineering, 5 integrative research clusters, and 27 University-level Research Institutes and Centres. ODPRT is also responsible for serving as a liaison with various granting bodies (government, NGOs, industry etc) and for the maintenance of Research Integrity at NUS.

NUS is recruiting one or more additional Vice-Presidents (Research & Technology) to assist the DPRT in managing the above portfolio. Duties will include developing several vibrant innovation clusters across faculties that forge strong links between NUS and industries within and outside Singapore, and leading and coordinating NUS’s efforts in competing for major research grants within and outside Singapore.

Candidates should be internationally-recognized leaders in their respective academic fields and be expected to qualify for a Professorship in appropriate Schools/Faculties at NUS. In addition, ideal candidates should have successful track records in research management, including securing major research grants and working extensively with industries. Although we will consider outstanding candidates in all research areas, we are particularly interested to recruit in the Biological/ Biomedical/Bioengineering and Physical Science/Engineering/Information Technology areas.

Applications (with a full CV) and informal/confidential enquiries can be sent to the Chair of the Search Committee, Professor Ho Teck Hua (E-mail: dprhoth@nus.edu.sg).

Application review will continue until the positions are filled.

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Division of Research and Economic Development
Position of Director
Office of Sponsored Research and Programs

Division of Research and Economic Development invites applications for the position of Director, Office of Sponsored Research and Programs (OSRP), which reports to the Vice Chancellor for Research and Economic Development. The OSRP proactively facilitates the pre-award process and oversees certain aspects of post-award grants management. Pre-award activities include providing technical assistance to faculty and staff to ensure continuity in the submission of proposals for grants and contracts to potential funding agencies. Post-award activities include providing regulatory oversight and complete, accurate, and timely financial information pertaining to contract and grant transactions to the University, funding agencies and other external stakeholders.

Master’s degree required with a minimum of ten (10) years of experience working with sponsored programs/grants/contracts at a university and/or state and federal levels.

The Division anticipates filling the Position of Director, Office of Sponsored Research and Programs by July 1, 2014; however, review of applications will commence immediately and continue until the position is filled. Applications and/or Nominations may be submitted to: Ms. Carol J. Hicks, Executive Assistant, Division of Research & Economic Development, Hubbard-Totton Building, Suite 309, North Carolina Central University, 1801 Fayetteville Street, Durham, NC 27707, or via email cburne17@nccu.edu.
The Simons Foundation is seeking a part-time Director to oversee its emerging public E&O program in math and science. The E&O Director will report to the President of the Simons Foundation.

The Director will lead a new expanded program initiative, which entails conceptualizing the vision, mission and strategic goals of the foundation’s efforts to enhance the public’s understanding and appreciation of science and mathematics. The Director should be a distinguished scholar with excellent management skills and convening ability. As a representative of the Simons Foundation, the Director must be an eloquent advocate for greater public understanding and support of science and mathematics. Working with a scientific advisory board, the Director will develop an overarching strategic plan for E&O programs that will position the foundation to accomplish its education and outreach mission. This will include an assessment of the national and New York landscapes of science communications in terms of content, audience and needs; an evaluation of the foundation’s present niche within this sphere; the identification of measurable objectives for the foundation and metrics for appraising progress. The Director will oversee the development of a strategic grants portfolio and will identify measures of success. In addition, s/he will represent the foundation among relevant stakeholders including philanthropic partnerships and collaborations. S/he will also oversee Simons Foundation’s programmatic activities in this area, including public events and multi-media outreach projects. The Director will oversee Quanta Magazine, an independent online publication whose mission is to enhance public understanding of research developments in mathematics and the physical and life sciences.

**ESSENTIAL FUNCTIONS/RESPONSIBILITIES:**
- Oversight and administration of grants with a programmatic mission to enhance the public’s understanding of science.
- Creation and management of a SimonsFoundation.org landing page to feature articles solicited from scientists by the Simons Foundation for publication.
- Oversight and interaction with Quanta Magazine, consistent with our agreement of journalistic independence. This includes solicitation of comments from research scientists regarding Quanta Magazine articles in order to provide independent feedback to the foundation’s management on the site’s performance.
- Development of additional in-house or out-sourced media productions that will guarantee the highest quality scientific outreach materials.

**MINIMUM QUALIFICATIONS:**
- Education: Ph.D. in relevant field of science or mathematics is required.

**Experience:**
- Demonstrated accomplishments in basic research in a field of mathematics, the physical sciences, or the life sciences
- Significant leadership experience and the capacity to provide a vision of excellence for a growing program or start-up initiative
- Experience communicating and impressing the power and wonder of science or mathematics to diverse audiences
- Excellent track record of strong fiscal management and programming financial resources for achieving meaningful and measurable impact.

**Related Skills & Other Requirements:**
- Demonstrated experience and success in strategic planning
- Ability to inspire and forge strong collaborative partnerships
- Excellent written and verbal communication skills, including experience with print and online publications
- Grant administration knowledge
- Established ability to manage programs and events

Interested candidates should send their resume and cover letter to: jobs@simonsfoundation.org.