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BIOCONTAINMENT RESEARCH ASSOCIATE II or III MICROBIOLOGY AND IMMUNOLOGY

A Biocontainment Research Associate Position is available immediately in the laboratory of Dr. Thomas Geisbert, to support studies evaluating vaccines and treatments against BSL-4 viruses and to support work characterizing the pathogenesis of these agents in animal models. Applicants must have a Bachelor's degree in basic science or equivalent or Master's degree in basic science or equivalent. The applicant must have at least two years of significant experience in maintaining mammalian cell cultures. The applicant must also have at least two years of experience working with infectious agents including viruses. The applicant must meet all State and Federal requirements necessary for working with Select Agents.

Preferred Qualifications: More than two years of experience maintaining mammalian cell cultures is highly preferred. More than two years of experience performing plaque assays, virus neutralization assays, and ELISAs is highly preferred. More than two years of experience working with viruses in BSL-3 or BSL-4 is preferred. The ideal candidate would have a DOJ clearance and more than two years of BSL-3 or BSL-4 experience working with cell cultures, viruses, and laboratory animals.

Duties:

- Performs, coordinates and conducts standard research experiments following technical instructions in BSL-2, BSL-3, and BSL-4 work environments
- Performs functions of research projects utilizing hazardous viruses that require BSL-4 containment
- Contributes to scientific analysis of projects
- Writes and reviews methods sections of manuscripts
- Orders and maintains lab inventory of supplies, animals, and equipment
- Maintains knowledge of BSL-2, BSL-3, and BSL-4 operations
- Performs technical services including but not limited to maintaining cell cultures, isolating peripheral blood mononuclear cells, plaque assays, virus neutralization assays, immunoblots, ELISA, tissue sampling and processing, and clinical pathology assays (hematology, clinical chemistry, blood coagulation)
- Maintains records of all tests performed and data collected, compiles and tabulates data, and provides analysis of results

Salary range is between \$37,920 and \$84,125 annually, commensurate with experience. Depending on the experience and education, the candidate might be considered for a Biocontainment Research Associate III. UTMB has several highly interactive research centers, biomedical institutes, and a national biocontainment laboratory with excellent infrastructure to conduct research at BSL2, -3 and -4 on diverse animal models of infectious diseases. The Department, with 31 full-time faculty members, is ranked among the top of its peer departments in NIH funding. Interested candidates should apply to **Job id #63819**, Biocontainment Research Associate II via the UTMB careers website at <https://www.utmb.edu/careers/>.

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UNIVERSITY OF
SOUTH CAROLINA
School of Medicine

Tenure-Track Assistant Professor

The NIH Center for Dietary Supplements and Inflammation (CDSI) at the University of South Carolina (USC) invites applications for tenure-track ASSISTANT PROFESSOR positions with research expertise in Inflammation. This phase-2 Center of Biomedical Research Excellence (COBRE) will provide NIH research support and mentoring to junior faculty who have not received NIH R01 or similar grants as a PI, to become successful independent investigators. The positions are located across various USC colleges including Medicine, Public Health, Arts and Sciences, Pharmacy, and Engineering. More information is available at: https://sc.edu/study/colleges_schools/medicine/centers_and_institutes_new/center_for_dietary_supplements_and_inflammation/index.php

Candidates must have a PhD or equivalent, and at least 3 years of postdoctoral research experience. Competitive salary and startup funds are available. Please submit CV and a statement of research and teaching interests with names of 3 references to **Dr. Mitzi Nagarkatti, Chair, Department of Pathology, Microbiology, and Immunology, University of South Carolina School of Medicine, Columbia, SC 29208** or e-mail: immunology@uscmcd.sc.edu. The search will start immediately and will continue until the position is filled.

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FROM THE JOURNAL SCIENCE AAAS



Call for Outstanding Scientists & Engineers

Advanced Innovation Center for Intelligent Robots and Systems

Beijing Institute of Technology

Beijing, China (Valid before Jan. 2020)



The Advanced Innovation Center for Intelligent Robots and Systems, Beijing Institute of Technology (BAICIRS) is recruiting outstanding scientists & engineers in areas including but not limited to:

- Mechanism design for legged robots
- Operating mechanism design
- Hydromechanics drive
- Synthetic simulation system based on high-level architecture
- Vision processing algorithms
- Micro/nano device design
- Laser imaging sensor design
- EEG & EMG signal acquisition and processing
- Electromagnetic field signal collection and improved algorithm
- Neurophysiology of perception and motion control
- Biomaterial preparation and development
- Cell electrophysiological research
- Soft robot dynamics
- Prosthetic design and control
- Pneumatic artificial muscle
- EtherCAT communication
- SLAM
- MEMS device design
- Software/hardware design for embedded system
- Cerebral function imaging
- Human health indicators collection and processing
- Detection of mobile device inside human body cavities
- Artificial intelligence
- Cell communications and neural transmission
- Tissue engineering
- Three-dimensional dynamic simulation
- Robotic appearance design
- Animation design

Beijing Institute of Technology (BIT), founded in 1940, has always been a leading institution of science and technology in China. In 2016-2017, BIT was ranked among the Top 400 in QS World Universities Ranking, as well as the 15th among the Chinese universities in the above rankings. The fundamental research on engineering, material science, chemistry, physics, computer, mathematics and social science in BIT is among the top 1% in ESI ranking.

BAICIRS, as a secondary institute subordinated to BIT, was founded in August 2015 among the first batch of 13 advanced innovation centers accredited by Beijing Municipal Education Commission. Focusing on national major demands and the global research fronts in intelligent robots and systems, and with the objective to yield solutions for a series of major and frontier scientific issues, BAICIRS endeavors to make breakthroughs in theories and technologies of locomotion bionics, multiscale perception and manipulation, biomechatronic fusion and interaction, and system control and integration, through comprehensive and interdisciplinary integration of molecular bionics, bionic mechanics, multiscale perception and manipulation technologies, and multiple artificial intelligence technologies.

BAICIRS provides favorable research environment, including a spacious lab covering 8 different floors in one building in the modernized Science Park of BIT, with the floorage of 15,000 m² in total, and advanced research equipment and facilities, furnishing a world-class environment for research activities.

BAICIRS invites applications for the following positions:

1. Positions Supported by the National "Young Thousand Talents Program"

► Qualifications

- The applicants are required to hold a Ph.D. and have at least three years overseas research experience in world-class universities, research institutes, or top-ranking overseas companies. Applicants with overseas experience and who are now working in China for less than one year will also be considered.
- Under the age of 40. Exceptional candidates who have made outstanding research discoveries will be considered as individual cases.

► Benefits

- Professorship and Ph.D. supervisor, with special enrollment quotas for graduate students.
- A subsidy of CNY 2-6 million for research funding and laboratory space provided by BIT.
- Annual salary of CNY 420,000 (insurance and accumulation fund paid by BIT not included).
- Opportunity of buying a new flat of one sitting room and two bedrooms with a discount of CNY 1 million compared to the market price or a subsidy of CNY 2 million. Assistance of housing during the transition period will be provided.
- Assistance in placement of children and spouse for educational and job opportunities.
- International travel expenses will be covered for the interview, with recommendations to other positions if not recruited.

2. Tenure-Track Positions

► Qualifications

- The applicants are required to hold a Ph.D. and have more than 2 years' experience at world-class universities or research institutions, under the age of 35 for associate professor and 32 for assistant professor.
- The applicants are required to have expertise about the latest development in the research area with highly recognized research achievements, show potential for being future academic leaders to develop new research directions, and be supported by high-level papers as the first author or corresponding author.

► Benefits

- Professorship/associate-professorship and supervisor of Ph.D./master's degree students, with special enrollment quotas for graduate students.
- Annual salary of CNY 300,000-360,000 (Insurance and accumulation fund paid by BIT not included).
- Research start-up funds of CNY 400,000-600,000.
- Assistance in the placement of children's educational opportunities.

Application Instructions

Please send your resume, which includes:

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 - a future research plan (preferable)
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Welcome to visit website <http://baicirs.bit.edu.cn/english/>





A passion for pathways: Careers in diversity and inclusion for STEM postdocs

A doctorate in a science, technology, engineering, and mathematics (STEM) field prepares postdocs for an especially rewarding career: serving as a diversity and inclusion (D&I) professional, where they can make a difference by ensuring that other scientists and engineers have the same chance at success that they did. **By Alaina G. Levine**

When **Nicole Cabrera Salazar** was a grad student in astronomy, she should have received support, encouragement, and guidance from her mentor and her department. A hard-working, talented scholar, she ended up winning two fellowships: The first was the prestigious U.S. National Science Foundation (NSF) Graduate Fellowship, and the second would enable her to pursue research in France. But instead of positive reinforcement and help, she experienced microaggressions and negative responses to her pursuit of continued excellence.

When she approached her advisor about the idea of applying for a Fulbright Fellowship, he presented her with a litany of “no’s,” “shouldn’ts,” and “couldn’ts”: “Honestly, I don’t think you should apply; you don’t have anything to contribute; you haven’t progressed enough in your research project; you don’t have the qualities I like to see from my best and brightest,” and on and on, she recalls. “I also got this from other professors and peers. As soon as I started succeeding, a lot of obstacles were put in my way,” from getting pushback about the makeup of her dissertation committee to the department assigning her to teach labs without her consent, when her NSF fellowship strictly stated that it was her choice to teach.

“I didn’t want other women of color to experience this, so I started a mentoring program. Then I started to think about

science communications with a focus on people of color,” says Cabrera Salazar, who is Latina. Her passion to create programs to support and enable the success of those around her led to the opportunity to attend the inaugural Inclusive Astronomy Conference in 2015, which helped crystallize how her desire to fix the serious flaws she found in the STEM pipeline could translate to a rewarding career.

She began building up her network, enhancing her knowledge base in diversity, equity, and inclusion issues, and designing a portfolio of services to offer potential clients. In 2018, only one year after receiving her Ph.D., Cabrera Salazar launched her business, Movement Consulting, LLC. She works primarily for science departments, where she aids them to foster more inclusive cultures. Her output includes workshops and trainings as well as assessments on hiring practices and admission policies, among other areas.

“Culture is a huge issue when it comes to retention of marginalized people, including people of color, so I help departments figure out what they could do and do it better,” she says.

Cabrera Salazar’s story is unfortunately not unique; it is not unusual for underrepresented minorities (URMs), including minorities of gender, race, ethnicity, sexual orientation, ability, and nationality to experience harassment, pushback, and a general sense of being unwelcomed in STEM. But universities and other institutions are recognizing the challenges they face with inequality, exclusive and toxic climates, and a lack of diversity, and how all these factors impede the progress of URM researchers and the collective advancement of STEM. Finally, institutions are taking some action and hiring D&I professionals to develop strategic plans and guidance to put their cultures on the right track.

cont.>

Upcoming features

Cancer Research: Precision Medicine—March 15 ■ Postdocs: DIY and Science Hacking—August 30 ■ Faculty: Moving Lab to Another Country—September 13



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"In research, we answer really tough questions, by taking large-scale problems and breaking them down to digestible pieces. I have that same energy and enthusiasm when I am thinking about how we can train students, give access, and expand access [to the sciences]."

– Johnna Frierson

Scientists and engineers: Good at helping their own

STEM-educated pros are stepping up to bat to aid in this critical effort to change the academy. **W. Marcus Lambert**, assistant dean of diversity and student life at the Weill Cornell Graduate School of Medical Sciences in New York, whose doctorate is in biomedical sciences, pivoted toward a career in D&I, due to "my lived experience [as an African American]," he says. "Being a part of an underrepresented group moving through science, I saw some of the barriers and challenges that come along with that. I was really motivated to try to do something about it."

When it comes to those who pursue careers in D&I for the sciences, it seems only logical that scientists and engineers should lead the charge. They after all, know the culture, customs, and language of science and the academy.

"We are trained to approach complex problems in a very analytical and methodical way, so even if the problem is something unfamiliar, we have a very specific set of tools for making abstract problems more concrete and feasible," says **Johnna Frierson**, founding director of the Office of Diversity and Inclusion at the Pratt School of Engineering at Duke University in Durham, North Carolina. Noting the parallels between her previous work in the life sciences and her current work in D&I, she explains, "In research, we answer really tough questions, by taking large-scale problems and breaking them down to digestible pieces. I have that same energy and enthusiasm when I am thinking about how we can train students, give access, and expand access [to the sciences]."

Lorenza A. D'Alessandro, a senior scientist and equal opportunities commissioner at the German Cancer Research Center (DKFZ) in Heidelberg, was also motivated to change careers and move into D&I. "I wanted to contribute more,

not only to science but to the mindset of science at the organizational level—to change the mentality of the institution to support younger scientists so they will have fewer issues [with career advancement]," she shares.

Think big

D&I careers are typically found in organizations, including universities, companies, government agencies, and nonprofits, and there are certainly more jobs in the D&I space now than there were even 15 years ago, says Lambert. There are also entrepreneurs, such as Cabrera Salazar, who manufactured their own career and businesses when they noticed the gaps in opportunity for URM.

No matter the ecosystem, it is important to strategically and proactively tie your D&I efforts to the bottom line of your organization and field. When **Kathinka Best**, a diversity manager for Bertelsmann, the Germany-based mass media company (with 120,000 employees worldwide), organized a diversity conference for 100-plus executives, "it was of utmost importance that those people understand the different advantages diversity brings to the table," she says. "We give economic benefits—diversity is a driver of creativity and economic success."

Similarly, when **Marenda Wilson-Pham**, associate dean of the Graduate College at Rush University in Chicago, was considering a career in D&I, her mentor, a dean of diversity at his own school, told her to take a strategic and surprising approach. "He said to make your programs so popular that others besides URM want to participate," she says. So, early in Wilson-Pham's career, when she was program manager of diversity and alumni networking (and later as assistant dean of diversity and alumni affairs) at the University of Texas MD Anderson Cancer Center (MDA) Graduate School of Biomedical Sciences in Houston, Texas, she assigned herself a goal: to create an environment that supports everyone, and in doing so she would bolster the success of URM. The results of her strategic thinking led to great results at MDA: There had been a 45% attrition rate for URM, which decreased to 12%. The number of URM increased across the campuses, from 7% when she started, to 25% when she left. And overall, she notes, the quality of the students increased. "Top schools were sending their URM to MDA because of the success we were having."

Keep your faculty status

Working in D&I in a university affords certain luxuries—in particular, the opportunity to stay connected to STEM. In fact, there are even ways to maintain your faculty appointment or transition while you are a professor. **M. Claire Horner-Devine**, who received her Ph.D. in biological sciences from Stanford University, is the cofounder and codirector of three federally funded, national programs at the University of Washington (UW) designed to accelerate and improve the career advancement of early-career women and researchers from underrepresented groups in STEM. She had a secure faculty track as a tenured professor in the UW Department of Ecology and Evolutionary Biology, but "as that was progressing, I was also developing the equity part of my career and realized that it was the latter I enjoyed the most, and was the most challenging to me and most impactful to individuals and institutions, and to me," she says. "Over time, I closed my lab and stopped the ordering of the pipettes and now I work fully in diversity, equity, and inclusion." **cont.>**



University of Nevada, Reno
School of Medicine

The **Center of Biomedical Research Excellence for Molecular and Cellular Signal Transduction in the Cardiovascular System** at the **University of Nevada, Reno School of Medicine** and the **University of Nevada, Reno** is seeking candidates for multiple postdoctoral fellow and core laboratory support scientist positions with expertise in a variety of areas including:

- Vascular biology
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- Neural control of cardiovascular physiology
- Transgenic animal models
- Drug discovery
- Molecular biology
- Patch-clamp electrophysiology
- Telemetry blood pressure and heart rate recording
- Super-resolution microscopy
- Two-photon microscopy
- FRET-based live cell imaging
- *In vivo* imaging and electrophysiology
- Intracellular Ca^{2+} imaging
- Total internal reflection (TIRF) microscopy
- Fluorescence correlation microscopy
- Optogenetics and chemogenetics

Participating faculty include:

- Scott Earley, PhD** – **program director**, ion channels and subcellular Ca^{2+} signaling mechanisms in cerebral vascular control; transient receptor potential (TRP) channels
- Shailesh Agarwal, PhD** – regulation of ion channels and cell signaling by the autonomic nervous system
- Yumei Feng, PhD, MD** – neural cardiovascular physiology; neural mechanisms of hypertension and other cardiovascular diseases including diabetes and obesity
- Bradley Ferguson, PhD** – roles for lysine acetylation in the regulation of mitochondrial function, cardiac muscle contractility and cardiac muscle gene regulation
- Robert Harvey, PhD** – cardiac electrophysiology, arrhythmias, ion channel regulation and subcellular signaling mechanisms
- Normand Leblanc, PhD** – excitation-contraction coupling of cardiac, skeletal and vascular smooth muscle in health and disease; influence of nanosecond pulse electric fields on neurons; evolutionary biology of voltage-gated channels
- Cam Ha T. Tran, PhD** – neurovascular coupling and cerebral blood flow regulation in health and disease
- Haifeng Zheng, PhD** – ion channels and cell signaling in cardiac interstitial cells

All applicants must have a PhD and/or MD degree, demonstrated experience in one or more of the areas listed above, and sincere enthusiasm for scientific research. Qualified individuals will be expected to work independently as well as part of a team, and communicate effectively, both orally and in writing. Highly motivated and creative candidates are invited to send a cover letter briefly describing their research experience and career goals, a current CV, and the names and contact information of three references to rdharvey@med.unr.edu. Screening of applications will begin immediately.

Reno, NV is a vibrant small city located on the eastern slope of the Sierra Nevada Mountains, close to San Francisco, Lake Tahoe, and Yosemite National Park. The city offers many unique recreational and cultural opportunities.

The University of Nevada, Reno is an Equal Opportunity Employer.



Postdoctoral Positions at Institute for Pediatric Regenerative Medicine, University of California at Davis, School of Medicine

Multiple postdoctoral positions are available at the Institute for Pediatric Regenerative Medicine (IPRM) in UC Davis Medical Center. This well-equipped institute is a joint initiative of the UC Davis School of Medicine and the Shriners Hospitals for Children established in 2005, that conducts dynamic research in basic and translational sciences related to child health and disease.

IPRM research groups are headed by David Pleasure and Fuzheng Guo (glial biology and disease); Paul Knoepfler (stem cells and cancer biology); Wenbin Deng (glial biology and iPSC disease models); Chengji Zhou (organogenesis and structural birth defects); Laura Borodinsky (neural tube defects and regeneration); Aijun Wang and Diana Farmer (spina bifida and stem cell therapies); Konstantinos Zarbalis (neural and craniofacial development); Veronica Martinez-Cerdeno (neurodevelopmental disorders); Athena Soulika (neuroimmunology and wound healing); Iannis Adamopoulos (osteoimmunology); and David Greenhalgh and Kiho Cho (burn wound healing and genomics). Please refer to their respective research programs on the IPRM website (<http://www.iprm.davis.edu>) and related links.

The IPRM provides an excellent research environment. Postdoctoral salaries are at the latest NIH scale, plus fringe benefits/health insurance. Self-motivated candidates who hold a PhD or equivalent degree in an appropriate area and have generated solid publications are particularly welcome to apply. Applications will be forwarded to all of the above-mentioned investigators for their consideration. Applicants may email their CVs (including primary interests, research experience, and technical expertise) and contact information for three references, to **Ms. Sherry Middleton** (smiddleton@shriners.org).

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City of Cleveland

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Featured participants

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College of the Environment, University of Washington

[environment.uw.edu/about/
diversity-equity-inclusion](http://environment.uw.edu/about/diversity-equity-inclusion)

Diversity and Outreach, Graduate Division, University of California San Francisco

graduate.ucsf.edu/diversity

German Cancer Research Center (DKFZ)

www.dkfz.de/en/index.html

Institute of Science and Technology Austria

ist.ac.at

Movement Consulting, LLC

www.movebold.ly

Office of Diversity and Inclusion, Pratt School of Engineering, Duke University

pratt.duke.edu/about/diversity

Office of Diversity and Inclusion, Weill Cornell Medicine

diversity.weill.cornell.edu

Office of Programs to Enhance Neuroscience Workforce Diversity, National Institute of Neurological Disorders and Stroke

[www.ninds.nih.gov/About-NINDS/
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University of Maryland, Baltimore County

diversity.umbc.edu

University of Texas MD Anderson Cancer Center

[careers.mdanderson.org/moreinfo/
diversity](http://careers.mdanderson.org/moreinfo/diversity)

Renetta Garrison Tull, who serves the University System of Maryland as both director of Graduate and Professional Pipeline Development and special assistant to the senior vice chancellor for academic affairs—and is also associate vice provost for strategic initiatives at the University of Maryland Baltimore County (UMBC)—highly encourages STEM Ph.D.'s to consider a faculty appointment even before making the D&I switch. "I get a lot of students and postdocs who want to be in the diversity space for their career because they don't want to be a professor. I respond that I'm able to do what I do because I'm still a faculty member at the UMBC College of Engineering and Information Technology. I have an opportunity to engage with faculty peers. This is an important piece that young professionals might not realize, because the real change comes within the department—the faculty are the ones who do the mentoring and can make changes," she says.

Understand the role

D&I professionals tend to take a holistic approach to their work—affecting change for the betterment of STEM and the people in STEM, now and in the future—by engaging in detailed, granular projects. These can include strategic planning, training, mentoring, and program development as well as recruitment of faculty, students, staff, and postdocs.

One increasingly important aspect of D&I is its emphasis on data and social science. "We need the data and social science and education research to underscore the evidence basis for a program," says Tull.



Renetta Garrison Tull

Best adds: "It is very important to keep diversity management as unemotional as possible. You can be highly motivated to change things, but make sure your ideas are always based on rational arguments, real numbers, and real data."

D&I professionals collaborate with sociologists and psychologists to obtain and mine vital data, and some look to get their own

credentials in this space. While working, Lambert returned to school for a Master's in clinical epidemiology and learned how to do social science research. This eventually enabled him to add a faculty position to his resume.

"The lens that I have as a scientist is that it's really important to share what we learn with each other, so we can attack this issue from a strategic place and one that is based in data," says Frierson.

"Meaningful" and "fun"

When it comes to addressing humanity's grand challenges, science and engineering depends on everyone getting a seat and a voice at the table. D&I professionals have their work cut out for them, and the job market for STEM professionals who wish to transition into D&I is favorable. It is also a very enjoyable career path for those who select it.

Hilde Janssens, good practice officer at the Institute of Science and Technology Austria, near Vienna, calls her role "meaningful, never boring, and a creative job," and she appreciates how multifaceted the topic of diversity is.

And **D'Anne Duncan**, director of diversity and learner success at the Graduate Division of the University of California San Francisco, says, "This path is fun. We want institutions to leave the door open to individuals who are not faculty members, but have the scientific training and expertise to push the field [of D&I] forward."

Ultimately, pursuing a career path in D&I is a very personal choice. "I loved the science and working with animal models, but at the end of the day I felt like I was curing a mouse, and what I really liked was helping people," says **Michelle D. Jones-London**, chief of the Office of Programs to Enhance Neuroscience Workforce Diversity (OPEN-WD), National Institute of Neurological Disorders and Stroke, U.S. National Institutes of Health, Bethesda, Maryland. "Being an African American woman in science, there's a level of pressure—so many people were depending on me to stay in science, but I knew I owed it to myself to follow my own passion. In my job I've been able to see people participate in programs I had the honor of designing and implementing. I'm making a difference in people's lives that I can actually measure—and for a job, that's pretty awesome."

Alaina G. Levine is a science writer, science careers consultant, professional speaker, and author of *Networking for Nerds* (Wiley, 2015).

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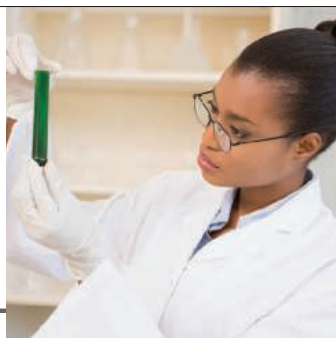


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POSITIONS OPEN



ICYS Research Fellow at ICYS, NIMS, Japan

International Center for Young Scientists (ICYS) of National Institute for Materials Science (NIMS) is now seeking a few research fellows who have passion to conduct innovative materials research based on their original idea. ICYS research fellows are expected to pursue high quality research with their initiatives using the most advanced facilities in NIMS.

ICYS offers a "Melting Pot" environment mixing different materials research fields and cultures. Common language in ICYS is English. Clerical and technical support in English will be given by the ICYS staffs. An annual salary of approximately 5.35 million yen will be offered, which may depend on the qualification and performance of the research fellow. Additional research grant of 2 million yen per year will be supplied to each research fellow. The initial contract term is two years and may be extended by another year depending on one's performance.

All applicants must have obtained a PhD degree within the last ten years. Applicants should submit an **application form** including a research proposal to be conducted during the ICYS term, **CV Header**, **CV** with a list of publications and patents (be sure to attach the header), a **list of DOI of journal publications** following our instruction, **PDF files of three significant publications** to ICYS Recruitment Desk by **March 28, 2019 JST**. The format for **application form** and **CV header** can be downloaded from our **website**. Please visit our website for more details.

ICYS Recruitment Desk,
National Institute for Materials Science
<http://www.nims.go.jp/icys/recruitment/index.html>

The Regius Professorship of Botany

Department of Plant Sciences • Reference: PD17932

The Board of Electors to the Regius Professorship of Botany invite applications for this Professorship from persons whose work falls within the general field of the Professorship to take up appointment on 1 October 2019 or as soon as possible thereafter.

Candidates will have an outstanding research record of international stature in plant biology and the vision, leadership, experience and enthusiasm to build on current strengths in maintaining and developing a leading research presence. They will hold a PhD or equivalent postgraduate qualification.

Standard professorial duties include teaching and research, examining, supervision and administration. The Professor will be based in Cambridge. A competitive salary will be offered.

To apply online for this vacancy and to view further information about the role, please visit: <http://www.jobs.cam.ac.uk/job/20155/>.

Further information is available at: <https://www.hr.admin.cam.ac.uk/professorships> or contact the Human Resources, University Offices, The Old Schools, Cambridge, CB2 1TT, (email: ibise@admin.cam.ac.uk).

Applications, consisting of a letter of application, a statement of current and future research plans, a curriculum vitae and a publications list, along with details of three referees should be made online no later than 15 March 2019.

Informal enquiries may be directed to Professor Alison Smith, Head of Department of Plant Sciences and Convenor of Board of Electors, telephone: +44 (0)1223 333900, email: as25@cam.ac.uk.

Please quote reference PD17932 on your application and in any correspondence about this vacancy.

Russell R. Geiger Professorship of Crop Science

Department of Plant Sciences • Reference: PD17931

The Board of Electors to the Russell R. Geiger Professorship of Crop Science invite applications for this position in the Department of Plant Sciences from persons whose work falls within the general field of the Professorship to take up appointment from 1 January 2020 or as soon as possible thereafter.

The Professorship is a key component of the Cambridge Centre for Crop Science partnership involving the University and the National Institute for Agricultural Botany (NIAB). The Professor will be based in a new Crop Science Building on the NIAB Headquarters located 2 miles from the Department.

Candidates will have an outstanding record of achievement in Crop Science. They will have the vision, leadership, experience and enthusiasm to build on current strengths in the department and NIAB, they will consolidate our leading research profile in plant science relevant to crops and they will have a strong motivation to develop translational crop science programmes in research and teaching. They will hold a PhD or equivalent postgraduate qualification and a track record of achievement in the translation of research. Candidates from industry are especially welcome if they are motivated to work on translational crop science in a University environment.

Standard professorial duties include teaching and research, examining, supervision and administration. The post holder will be expected to undertake leadership roles within the Department and in the Cambridge Centre for Crop Science Partnership. A competitive salary will be offered.

To apply online for this vacancy and to view further information about the role, please visit: <http://www.jobs.cam.ac.uk/job/20154/>

Further information is available at: <https://www.hr.admin.cam.ac.uk/professorships> or contact the Human Resources, University Offices, The Old Schools, Cambridge, CB2 1TT, (email: ibise@admin.cam.ac.uk).

Applications, consisting of a letter of application, a statement of current and future research plans, a curriculum vitae and a publications list, along with details of three referees should be made online no later than 20 March 2019.

Informal enquiries may be directed to Professor Alison Smith, Head of the Department of Plant Sciences, email: as25@cam.ac.uk. or to Sir David Baulcombe, Regius Professor of Botany, email: dcb40@cam.ac.uk and Convenor of the Board of Electors.

Please quote reference PD17931 on your application and in any correspondence about this vacancy.

The University values diversity and is committed to equality of opportunity.

The University has a responsibility to ensure that all employees are eligible to live and work in the UK.



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To further strengthen our research environment and complement research areas already present at SciLifeLab, we are now looking to recruit two outstanding young group leaders to new Fellows positions. As part of the SciLifeLab Fellows program, you become an associate at our research center, as well as contract a position at one of our host universities.

Read more at: www.scilifelab.se/fellows. Application deadline: **March 22, 2019**.



Assistant Professor in Gene Technology

Gene technology, molecular technologies, and bioinformatic analyses of DNA, RNA and proteins



Assistant Professor in Bioinformatics

Analyses of biological and medical data, with special emphasis on integration and handling of multidisciplinary omics data

About SciLifeLab

As a national hub for molecular biosciences in Sweden, SciLifeLab (Science for Life Laboratory) facilitates cutting-edge, multi-disciplinary life science research and promotes its translation to the benefit of society. The center focuses on both health and environmental research and is jointly operated by its four founder universities: KTH Royal Institute of Technology, Karolinska Institutet, Stockholm University, and Uppsala University. About 200 research groups, 1500 researchers and 40 national infrastructure facilities are associated with SciLifeLab.

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