Postdoctoral Research Associate
Three Positions Available

The Institute of Marine and Environmental Technology (IMET) of the University System of Maryland (USM) seeks applications for three Postdoctoral Research Associate positions. IMET scientists study the biology of coastal marine ecosystems and ensure their sustainable use (www.imet.usmd.edu). IMET brings together faculty members from three major USM research institutions - the University of Maryland Baltimore (UMB), the University of Maryland Baltimore County (UMBC), and the University of Maryland Center for Environmental Science (UMCES) - in a state-of-the-art research facility located at Baltimore’s Inner Harbor. These positions are in collaboration with the National Institute of Standards and Technology (NIST), Hollings Marine Laboratory in Charleston, South Carolina. The positions will be jointly trained in Baltimore and Charleston and successful candidates will tentatively work at IMET for 6 months (Baltimore, MD) and at NIST for 6 months (Charleston, SC) each year. Appointments are for one year with extension possible depending on performance and funding availability.

1. IMET-UMBC seeks a Postdoctoral Research Associate in the laboratory of Dr. Colleen Burge to study coral holobenthic function in a changing ocean. The position requires a PhD in Biology/Molecular Biology/Marine Science or related field. The position is in collaboration with Dr. Rusty Day at NIST. The postdoc will focus on integrating genomics and biogeochemistry approaches to understand coral physiology across a pH gradient. We seek an individual with strong experience in molecular biology, microbiology, and bioinformatics. Highly qualified candidates will also have experience in coral reef biology and/or biogeochemistry, including field sample collection via SCUBA, and laboratory processing of coral specimens. Salary is commensurate with experience. Interested applicants should send a letter of application, statement of research goals & curriculum vitae (including three references - name, affiliation, phone number, and e-mail address) in PDF format via email to upload.Postdoc.fyznka096@u.box.com. Applicants will receive an e-mail from “Box” confirming receipt of the e-mail with attached files.

2. IMET-UMCES seeks a Postdoctoral Research Associate who is self-motivated, independent, dedicated, and career-oriented with a strong publication record and with expertise in invertebrate neuroendocrinology or NMR analysis to study Crustacean Metabolomics: Identification of potential growth and reproductive indicators for aquaculture using NMR and MS approaches. The position is in the laboratory of Dr. Sook Chung (IMET) in collaboration with Dr. Tracey Schock (NIST). The role of this position involves defining the eddyteroidogenesis pathway using molecular biology and transcriptomic data analysis and NMR and MS analysis and an alternative eddyteroidogenesis site in adult female blue crab, Callinectes sapidus; organizing experimental animals; conducting experiments; and analyzing data. Proposal and manuscript writing ability preferred. Among other shared responsibilities, this position will order supplies and arrange experiment services required. The successful candidate will tentatively work at IMET for 6 months (Baltimore, MD) and at NIST for 6 months (Charleston, SC) each year and must be able to work independently, as well as be a team leader/player working with students and other laboratory staff. Please submit your CV, cover letter, and contact information for three references to imethr@umces.edu.

3. IMET-UMB seeks an outstanding candidate for a Postdoctoral Research Associate position (full-time) to study the metabolomics of extemophiles. Funding is available from the NIST/IMET Postdoctoral Program for applying high field NMR to study stress-related metabolites including compatible solutes. The position requires a PhD or equivalent degree in biological chemistry and/or molecular biology. Previous experience in microbial physiology, NMR spectroscopy or related disciplines is advantageous. The position is in collaboration between Prof. Frank Robb (IMET) and Dr. Dan Bearden (NIST). Salary negotiable. Send CV with training, list of publications, a brief statement of career objectives, and plans for research in the research area listed above. Include the names and telephone numbers of three references to: Dr. Frank Robb, Ph.D. at Frobb@som.umaryland.edu.

To receive full consideration, application materials should be submitted by 7 May, 2016 (the positions will be open until filled).

The USM is an Equal Opportunity, Affirmative Action Employer. The University of Maryland, Baltimore is an Equal Opportunity/Affirmative Action Employer. Minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.

Institute of Marine and Environmental Technology
U.S. Department of Commerce

NIST
National Institute of Standards and Technology
ISREC-Swiss Cancer Center Lausanne
Inaugural Symposium
Lausanne, CH  September 7–10, 2016

Horizons of Cancer Biology and Therapy

James P. Allison
Jose Baselga
Rene Bernards
Lew C. Cantley
Webster K. Cavenee
Lisa Coussens
Ronald A. DePinho
Janina Erler
Manel Esteller
Richard Flavell
Elaine Fuchs
Thomas Gajewski
Christopher Heeschen
Johanna Joyce
Carl June
Raghu Kalluri
Michael Karin
David Lane
Joan Massagué
Pier Paolo Pandolfi
Antoni Ribas
Steven A. Rosenberg
Celeste Simon
Mike Stratton
Erwin Wagner
Robert A. Weinberg
Irving L. Weissman
Eileen White
Laurence Zitvogel

organizers:
Doug Hanahan, Etienne Meylan, Michele de Palma
Johanna Joyce, George Coukos, Freddy Radtke
Joerg Huelsken

http://sccl.ch/isrec2016
Columbia University Medical Center

Postdoctoral Research Scientist

We are seeking a highly motivated candidate with a background in Genetics, Bioinformatics, Computer Science or Statistical Genetics for a Post-Doctoral position within an independent research group at the Columbia University Medical Center Campus. The research will focus on Essential Tremor and neurodegenerative disease. This position will involve analysis of Whole Genome Sequence data in families with Essential Tremor using state of the art statistical methods.

Job Requirements:
- Ph.D. in Genetics, Bioinformatics, Computer Science, Statistical Genetics, or a related field is required.
- Experience using bioinformatics to analyze high-throughput genetic and genomic data.
- Experience running statistical tests on next-generation sequencing data particularly in family-based study design.
- Experience with variant interpretation and classification.
- Familiarity and working knowledge with standard bioinformatics tools, packages, algorithms, and databases.
- Familiarity with statistical analysis methods and tools for bioinformatics.
- Excellent written and verbal communication.
- Effective judgment and problem solving with little supervision is imperative for this position.

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Download Free Career Advice Booklets!
ScienceCareers.org/booklets

North Carolina Central University (NCCU) invites applications for the position of Director for the Biomanufacturing Research Institute and Technology Enterprise (BRITE) to provide overall leadership and supervision of the unit. The Director reports directly to the Vice Chancellor for Research and Economic Development. BRITE is one of NCCU’s major research institutes and houses the College of Arts and Science’s Department of Pharmaceutical Sciences. BRITE is located in a $20.1 million state-of-the-art facility and features 21,000 sq. ft. of classroom and office space, and 31,000 sq. ft. of laboratory space for faculty and students to conduct applied research in areas related to drug discovery, biomanufacturing and biotechnology.

Purpose of Position: The BRITE Director will lead and manage teams of scientists conducting translational research encompassing biomanufacturing and drug discovery activities in various therapeutic areas that include diabetes, cancer, neurodegenerative diseases and other metabolic disorders. The Institute owns a 460,000 compound library which is the largest academic collection in the USA. BRITE serves approximately 200 students annually who are majoring in Pharmaceutical Sciences at the undergraduate or graduate level. The newest graduate program within the unit is the Ph.D. in Integrated Biosciences/Pharmaceutical Sciences Track. The unit has approximately 38 research, faculty and staff members. The Director, in collaboration with the Chair of Pharmaceutical Sciences, will manage the recruitment of new students, BRITE scholarships, student mentoring and career development, internships, student leadership development and outreach activities for K-12. The Director will participate as a leader representing BRITE at NCBioImpact, a state initiative for workforce development. The Director is also expected to establish and manage internal and external collaborations; contribute to the assessment of external business alliances; and, out-licensing opportunities for technologies developed in BRITE.

Qualifications: The Director is expected to have earned a Ph.D. (or M.D. or PharmD) in Biochemistry, Chemistry, Biology or a related field and an in-depth understanding of the pharmaceutical industry. It is expected the Director will qualify for full professor and tenure. A minimum of 5 years of managerial experience working in the pharmaceutical/ biotechnology industry is required. The Director will have a demonstrated record of leading translational research in drug discovery to advance leads and candidate drugs; a record of effective project leadership and an in-depth understanding of drug discovery and development from target to clinical trials; demonstrated track record of innovation and development; strong interpersonal, leadership and collaboration skills to work in a team-oriented, matrix environment. Academic experience and a successful track-record of obtaining external funding are encouraged.

The Division anticipates filling the Position of Director, BRITE by July 1, 2016; however, review of applications will commence immediately and continue until the position is filled.

Applicants should apply at the following web address: https://jobs.nccu.edu/.

North Carolina Central University (NCCU) invites applications for the position of Director, Julius L. Chambers Biomedical/Biotechnology Research Institute (JLC-BBRI). The Director of the JLC-BBRI reports directly to the Vice Chancellor for Research and Economic Development; and, provides leadership for a broadly based research portfolio which includes cancer, cardio-metabolic disorders, neuroscience and nutrition. Established in 1999, the JLC-BBRI facility provides 40,000 sq. ft. of basic research space. The JLC-BBRI is an innovative research and training institute dedicated to the advancement of fundamental knowledge of human diseases, particularly those that disproportionately affect underrepresented minority groups.

Purpose of Position: The Director serves as the scientific leader of NCCU’s JLC-BBRI research facilities in Durham and Kannapolis, NC (North Carolina Research Campus-NCRC) and holds a tenured faculty position as Professor. The Director’s responsibilities include the following: assure the quality and competitiveness of research conducted in the Institute; evaluate, plan, direct and implement activities related to the mission and function of the JLC-BBRI as a constituent body of the University; manage the Institute’s budget and provide overall administrative leadership; supervises and mentors faculty and non-tenure track scientists in securing external research funding; facilitate student research experiences within the JLC-BBRI and with the Institute’s internal and external partners; forge long-term successful partnerships among various academic and research units at NCCU as well as with agencies, corporations and academic research institutions within Research Triangle Park, throughout the state and beyond.

Qualifications: The Director will have an earned doctorate degree (Ph.D.) or equivalent doctoral degree in the biomedical sciences; or (M.D.) degree with relevant research experience from an accredited institution. The Director will have a distinguished record of leadership, research, grantsmanship, publications, and other scholarly activities. Sustained contribution to the sciences will be evidenced by productivity in funded research and publications. Continuous experience as a principal investigator on externally funded biomedically-related research projects is also required. A record of administration in higher education is highly preferred.

The Division anticipates filling the Position of Director, JLC-BBRI by July 1, 2016; however, review of applications will commence immediately and continue until the position is filled. Applicants should apply at the following web address: https://jobs.nccu.edu/.
2016 High-Level Global Experts Recruitment Program
Beijing Institute of Technology

Beijing Institute of Technology (BIT) is a prestigious national key university in China and enjoys a high reputation in research and education in science, technology and other areas of scholarship. Founded in 1940, it is one of the first Chinese universities to run a graduate school and has been listed into national “Project 211” and “Project 985” since the founding of the People's Republic of China. It is now under the administration of the Ministry of Industry and Information Technology of China.

I. Positions available in the following disciplines:

<table>
<thead>
<tr>
<th>Discipline Category</th>
<th>Mechanical and Vehicle Engineering</th>
<th>Information and Electronics</th>
<th>Science and Materials</th>
<th>Humanities and Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanics</td>
<td>Optical Engineering</td>
<td>Mathematics</td>
<td>Theoretical Economics</td>
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<tr>
<td>Aeronautic and Astronautics Science and Technology</td>
<td>Instrumentation Science and Technology</td>
<td>Statistics</td>
<td>Material Theory</td>
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<tr>
<td>Aerospace Science and Technology</td>
<td>Electronic Science and Technology</td>
<td>Physics</td>
<td>Applied Economics</td>
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<tr>
<td>Mechanical Engineering</td>
<td>Information and Telecommunications</td>
<td>Chemistry</td>
<td>Management Science and Engineering</td>
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<tr>
<td>Power Engineering and Engineering Thermophysics</td>
<td>Control Science and Engineering</td>
<td>Biology</td>
<td>Business Administration</td>
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<tr>
<td>Safety Science and Technology</td>
<td>Computer Science and Technology</td>
<td>Materials Science and Engineering</td>
<td>Law</td>
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<tr>
<td>Software Engineering</td>
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<td>Foreign Languages and Literature</td>
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</table>

II. Talent programs
1. Global experts: experts engaged by the Recruitment Program of Global Experts (Thousand Talents Program), Distinguished Professors with the Chang Jiang Scholars Program, National Outstanding Youth Fund Winners, etc.; Youth Scholars engaged by the Thousand Talents Program, Youth Scholars with the Chang Jiang Scholars Program, National Excellent Youth Science Fund Winners, and the Youth Top-notch Talent Support Program, etc.
2. Young scholars: associateship of associate or assistant professor

III. Pay and benefits
We offer exceptional benefits and competitive salaries, including:
1. A competitive annual salary according to performance;
2. Startup research funds, and support for the creation of a research team;
3. Helps in accommodation.

To view the full job listing, please visit our website http://rensichub.bitedu.cn/docs/2016052518343075120.pdf

VI. Application and contact us
Applicants please send a curriculum vitae and at least 5 published academic papers via email to: bitrcb@bitedu.cn, or sshsr@bitedu.cn. Please note the program you apply for in the subject of your email.

Contacts: Mr. Shi
Tel: +8610-68918577
For more faculty positions, please visit our website http://rensichub.bitedu.cn/
Center for Immunology & Microbial Disease
Albany Medical College

Assistant/Associate Professor

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

Applicants should send their curriculum vitae, a statement of research plans, and three letters of reference to:

Faculty Search Committee
Center for Immunology & Microbial Disease
Albany Medical College
47 New Scotland Avenue, MC-151
Albany, NY 12208

For further information about the Center, visit http://www.amc.edu/research/immunology/

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

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Funding Available:
Collaborative & Interdisciplinary Team-Based Synthesis Research

The National Socio-Environmental Synthesis Center (SESYNC) invites proposals for collaborative, interdisciplinary synthesis research projects focused on socio-environmental problems. These theme-based proposals should lead to scientific knowledge, tools, and methods and contribute to actionable outcomes.

SESYNC provides:
- Travel and logistical support
- Meeting facilities at our center in Annapolis, Maryland
- Computational and collaboration support
- Planning and facilitation for the team science process
- Opportunities to engage with on-site scholars

Proposals must be received by May 16, 2016.

For competitive details, visit: http://sesync.us/dv

SESYNC is funded by an award to the University of Maryland from the National Science Foundation.

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G. I. Taylor Professorship of Fluid Mechanics

Department of Applied Mathematics and Theoretical Physics

The Board of Electors to the GI Taylor Professorship of Fluid Mechanics invite applications from persons whose work falls within the general field of fluid mechanics and its applications, to take up appointment on 1 October 2016 or as soon as possible thereafter.

Candidates will have an outstanding research record of international stature. They will hold a PhD or equivalent postgraduate qualification. In keeping with the scientific legacy of GI Taylor, we particularly welcome applicants whose work involves close contact with experiment.

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/9977.

Further information is available at: www.admin.cam.ac.uk/offices/academic-secretary/professorships/ or contact the Academic Secretary, University Offices, The Old Schools, Cambridge, CB2 1TT, (email: lbse@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 9 May 2016.

Informal enquiries may be directed to Professor Nigel Peake, Head of Department of Applied Mathematics and Theoretical Physics, telephone 01223 339058 or email n.peake@damtp.cam.ac.uk. Further information about the Department can be found at http://www.damtp.cam.ac.uk/.

Please quote reference LE08764 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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UT Southwestern Medical Center

Chair, Department of Immunology

The University of Texas Southwestern Medical Center (Dallas, TX), a premier academic medical center, invites applications for the position of Chair of the Department of Immunology. The Chair will lead a faculty that is internationally recognized for outstanding achievements in many aspects of immunology. The incoming Chair will be responsible for recruiting new faculty members, overseeing research and training programs, and promoting an environment in which excellence in interdisciplinary immunological research is fostered and achieved. The Chair will direct a creative and productive research program, as evidenced by a distinguished track-record of external funding and high-impact publications. Qualified applicants must possess a doctorate with focus in biomedical research.

Interested candidates with exceptional records of scholarship and achievement, strong interpersonal and administrative skills, and institutional vision should send a curriculum vitae and brief cover letter to:

Michael V. Norgard, Ph.D.
UT Southwestern Medical Center
Department of Microbiology
5323 Harry Hines Blvd.
Dallas, TX 75390-9048
recruiting@utsouthwestern.edu

UT Southwestern is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.
Your Career at the
Max Planck Institute
of Biochemistry
Martinsried / Munich - Germany

The Max Planck Institute of Biochemistry (MPIB) in Martinsried near Munich is inviting nominations and self-nominations for a position as Department Director to complement its existing 10 departments and 20 research groups ranging from biochemistry, structural and cell biology to biophysics. The position is equivalent to that of a tenured Full Professor fully devoted to research. The offer includes a highly competitive package with substantial core funding and generous lab space.

We are seeking candidates who study the molecular mechanisms of fundamental biological problems. We especially encourage expressions of interest from, and nominations of, candidates with a strong track record and several years of experience as principal investigators, but still at a relatively early career stage.

The Max Planck Society, an equal opportunity employer, is committed to diversity and inclusion in all aspects of recruiting and employment. The Max Planck Society is aiming at increasing the percentage of women among its scientific leadership, particularly at the director level, and therefore strongly encourages expressions of interest from, or nominations of, qualified female scientists.

Please e-mail applications and nominations including CV, list of publications, a brief summary of past and current research and the names of 3 references to the Office of the Managing Board of Directors (gl@biochem.mpg.de).

The deadline for application is Tuesday, 31 May, 2016.