**SENIOR SCIENTIST IN FISHERIES ECOLOGY AND ENHANCEMENT**

Mote Marine Laboratory is seeking a fisheries scientist to join our Fisheries and Aquaculture Research Directorate in Sarasota, FL. The position is with a multidisciplinary team that is refining a science-based approach to responsible marine fisheries enhancement, modeling enhancement potential, developing common aquaculture technology, and using release-recapture experiments to probe fundamental questions in marine fisheries enhancement and fisheries ecology. Applicants should hold a Ph.D. with specialization in fisheries ecology and fisheries enhancement; experience in aquatic ecology, marine aquaculture research and fisheries modeling is also desired. A strong extramural funding record, research publications in fisheries ecology and aquaculture, and exemplary partnership skills are required. The position is fully supported for 4 years with excellent benefits and salary. Subsequent funding is contingent upon research grants, publication record and funding availability. Position will remain open until filled. Send Curriculum Vitae, brief statement of research interests, and contact information for 3 references to Ken Leber (e-mail: KLeber@mote.org). Title your Email ‘Senior Scientist + your name’. Mote Marine Laboratory is an Equal Opportunity/Americans with Disabilities Act/Electronic Employment Verification Employer.

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**ASSISTANT PROFESSOR in Comparative Invertebrate Zoology**

The University of Arkansas Department of Biological Sciences seeks applicants for a tenure-track Assistant Professor position in Comparative Invertebrate Zoology. Minimum Requirements: Ph.D. / strong research record. Candidates using a comparative organismal approach with broad training in invertebrate biology that complement existing departmental strengths in ecology and evolutionary biology are preferred but other focal areas will be considered. Expectations: establish externally funded research program / teach an undergraduate Principles of Zoology course and graduate courses within research area / professional service. Submit a cover letter, Curriculum Vitae, teaching statement, and research statement to: http://jobs.ualr.edu/postings/10888. The names, titles, email addresses, and contact numbers of five professional references willing to provide letters of reference will be requested during the application process. For information about the department see: http://biology.uark.edu. Completed applications received by December 12, 2015 will be assured full consideration. Late applications will be reviewed as necessary to fill the position. Search committee chair is Dr. Michelle Evans-White (e-mail: mevanswh@uark.edu). The University of Arkansas is Affirmative Action/Equal Opportunity Employer/Veterans/Disabled.

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**FACULTY POSITION**

**University of North Carolina at Greensboro**

Department of Biology

The Department of Biology invites applications for a tenure-track Assistant Professor position in the field of Developmental Biology. We seek individuals whose biological research addresses evolutionary impacts upon development, with use of any model organism. Successful applicants will be expected to develop a strong, externally funded research program and train a diverse group of undergraduate and graduate students. Candidates must hold or anticipate a Ph.D. in Biology or a related discipline by August 1, 2016, postdoctoral experience is preferred. The position will start August 2016. University of North Carolina Greensboro is especially proud of the diversity of its student body and is an Equal Employment Opportunity/Affirmative Action Employer with a strong commitment to increasing faculty diversity. Equal Opportunity Employer Affirmative Action/Military/Female/Disabled/Veteran. To apply, visit website: http://jobs.ung.edu and click on “Faculty” (position 999417).
Wayne State University located in Detroit, Michigan is seeking to strengthen its Epidemiology Unit, which deals with the incidence, distribution, and possible control of diseases and other factors relating to health.

The Epidemiology Unit collaborates with Departments within the School of Medicine, and also with the Perinatology Research Branch of the Division of Intramural Research, NICHD, NIH, DHHS, which is housed at the Wayne State University campus.

As a key staff member in support of the PRB, this individual would help to accomplish the Branch’s mission by 1) developing statistical analysis, programming strategies and methodologies in support of research projects, 2) evaluating and analyzing data using accepted statistical and biostatistical techniques, 3) working closely with the scientific team and collaborators to provide operational parameters to ongoing research, 4) training the next generation of researchers, 5) translating the results of the research through publications and technology transfer.

The individual chosen for this position will become part of a highly successful, fast-paced research group that focuses on clinical and basic research in perinatal medicine and related disciplines. The goal of this internationally recognized research is to develop novel diagnostic, therapeutic and preventative strategies to reduce adverse pregnancy outcome, infant mortality and handicap. The research agenda involves novel discovery technologies in functional genomics, proteomics, metabolomics and DNA analysis.

To be considered for this position, it is recommended that candidates demonstrate the following:

1. Thorough knowledge of biostatistical methodologies, procedures and testing
2. Expertise in issues pertaining to the conduction and analysis of longitudinal studies
3. Competence in the area of mathematical modeling
4. Knowledge of data coordination, collection and statistical analysis methods and research coordination principles
5. Knowledge of medical and research protocols
6. Knowledge of computer software design and multiple programming languages
7. Demonstrated broad knowledge of the understanding of scientific principles, theories and technologies applicable to biological sciences, in general, and perinatology in particular
8. A sound understanding of academic research and related issues together with extensive experience in complex, multi-disciplinary programs (administrative and scientific)
9. Ability to foster intellectual productivity
10. Strong oral and written communication skills
11. Ability to work independently and collaboratively
12. Basic knowledge of perinatology is desirable

Academic and professional requirements:
1. Ph.D. in Epidemiology, Biostatistics, Statistics or related field
2. Minimum of five years of experience

Interested individuals should send:
- a curriculum vitae,
- a separate statement summarizing their experience and professional contributions,
and three references to: Jennifer Turpin, Wayne State University School of Medicine
jturpin@med.wayne.edu
**Director**

**Biomanufacturing Research Institute and Technology Enterprise**

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 an earned 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/](https://jobs.nccu.edu/).

**Director**

**Julius L. Chambers Biomedical/Biotechnology Research Institute**

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/](https://jobs.nccu.edu/).
We’re seeking the best new minds to enhance human capability.

The University of Central Florida’s Faculty Cluster Initiative fosters the development of talented, interdisciplinary teams focused on solving today’s toughest scientific and societal challenges through teaching and research. We’re hiring new faculty members in the area of prosthetic interfaces to advance UCF’s unique areas of excellence and global impact.

ucf.edu/research/prosthetics

Northeastern University
College of Engineering

With 151 tenured/tenure-track faculty (36 hired since 2013), and 12 federally-funded research centers, Northeastern’s College of Engineering is in a period of dynamic growth. Our emphasis on interdisciplinary, use-inspired research—tied to Northeastern’s unique history of industry collaboration via the university’s signature cooperative education program—enables partnerships with academic institutions, medical research centers, and companies near our centrally located Boston campus and around the globe.

The college seeks outstanding faculty candidates in all five departments.

Particular consideration will be given to candidates at the associate or full professor level; successful applicants will lead internationally recognized research programs aligned with one or more of the college’s strategic research initiatives. Exceptional candidates at the assistant professor level will also be considered.

Learn more and apply at coe.neu.edu/faculty/positions

Northeastern University is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University, committed to excellence through diversity.

Open Faculty Positions

The Department of Cellular and Molecular Physiology of the Pennsylvania State University College of Medicine invites applications from outstanding Ph.D. and/or M.D. scientists for multiple Tenure/Tenure-Track positions at the rank of Assistant, Associate, or Full Professor. The Department is undergoing a major expansion within the thriving new research environment of the Milton S. Hershey Medical Center, located in Hershey, Pennsylvania. Under leadership of the Chair, Dr. Donald Gill, the Department is building in the broad areas of cellular, molecular and integrative approaches toward translational research in physiology. The search is open to applicants in many research areas including those studying molecular mechanisms of cell signaling, structure and function of channels/transporters and related diseases, redox signaling and mitochondrial dysfunction, and changes in contractile and structural proteins in disease states. We are seeking early-stage or established investigators with strong records of research accomplishment who will complement departmental research interests in cardiovascular, pulmonary and musculoskeletal diseases, metabolic disorders, aging and cancer. Particular consideration will be given to those undertaking novel approaches utilizing, for example, optogenetic, micro-RNA, long ncRNA, or advanced super-resolution imaging technology. Applicants wishing to develop and lead research within a new cryo-EM center in the College of Medicine are also welcome.

The Department enjoys strong interactions with the Heart and Vascular Institute, the Cancer Institute, the Institute for Personalized Medicine, and the NIH supported Clinical and Translational Science Institute within the Penn State Hershey Medical Center. Applicants with established funded research programs or who have recently obtained funding to transition into independent research are preferred. Promising early stage investigators with strong records of research accomplishment who have yet to receive funding will also be considered. Competitive start-up packages, recently renovated laboratory space, and strong core facilities, together provide an outstanding research environment. The Medical Center is a strong community of health professionals, situated in delightful Hershey PA, with great schools, excellent housing and close to Philadelphia, Baltimore and Washington.

Interested applicants should submit a cover letter, curriculum vitae, and statement of research plans within a single pdf document to: www.psu.jobs, position #06060. Questions may be directed to: C&MPhysiologySearch@hmc.psu.edu. Further information about the Department and the successful and appealing Hershey research environment is provided at the Department website: www.med.psu.edu/physiology and at: https://wikispaces.psu.edu/xVAJ4cW.

Penn State is an Equal Opportunity, Affirmative Action Employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

ScienceCareers online @sciencecareers.org
Multiple Faculty Positions on Microbiomes at Arizona State University (JOB # 11403)

The School of Life Sciences (SOLS) at Arizona State University (ASU) invites applications for up to two tenure-eligible faculty positions in the area of microbiome research. Rank and tenure status will be commensurate with experience. Anticipated start date is August 2016.

We seek to establish a strong group of scientists focused on understanding the functional and structural basis of complex systems of microbes, and their relevance for human, animal and plant biology, the environment, and man-made systems. We envision these individuals working to advance the discipline by developing and using novel technologies to provide an integrated systems understanding of microbiomes, so as to establish general functional principles that are not only explanatory, but also predictive of the behavior of communities of microorganisms.

Successful candidates will be expected to develop or maintain an innovative, independent, extramurally funded research program, provide excellent classroom instruction as assigned, contribute to curriculum development, mentor students and postdoctoral fellows and interact with a very multidisciplinary group of faculty in the Life Sciences at ASU. Competitive start-up packages will be provided. All candidates must have a doctoral degree by the time of appointment in microbiology or a related field, a proven track record of novel research in microbiome biology, and relevant postdoctoral experience. Desired qualifications include a record of publication in refereed journals, demonstrated excellence in teaching and/or mentoring, and experience working in a multi-disciplinary environment. Candidates for Associate or Full Professor rank must have a demonstrated record of significant extramural funding.

To apply, please send a cover letter that identifies the rank for which you seek consideration. Additional application materials include: curriculum vitae, three representative publications, statement of research vision and plans, teaching statement, and contact information (name, email, and phone number) for three references. References will only be contacted for finalists at a later stage of the search.

Application materials should be addressed to Rajeev Misra, Search Committee Chair, and sent electronically as pdf files to solsfacultysearch1@asu.edu. Only electronic applications will be considered. The initial closing date for receipt of applications is December 31, 2015; if not filled, review will continue every week thereafter until the search is closed. A background check is required for employment.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. https://www.asu.edu/aad/manuals/acd/acd401.html https://www.asu.edu/titleIX/

Environmental Microbiology

The University of New Hampshire College of Life Science and Agriculture seeks outstanding applicants for three tenure-track faculty positions in ENVIRONMENTAL MICROBIOLOGY at the Assistant Professor level to begin Fall 2016. The CRITICAL ZONE MICROBIAL ECOSYSTEMS position will address areas including global change, nutrient cycling, and carbon transformations in soil and groundwater. The MICROBIAL ECOSYSTEMS position will address areas including environmental microbiology, population genetics, evolution, ecology, host-microbe interactions and symbiosis, and microorganisms. The PLANT-MICROBE INTERACTIONS / PLANT PATHOLOGY position will address the biology, ecology, or epidemiology of agricultural plant diseases to inform management strategies including host resistance in sustainable cropping systems.

All applicants must have an earned doctorate by the time of appointment and demonstrate outstanding potential in both teaching and research. Postdoctoral experience is desired. Information, including detailed position descriptions and complete application information is available at journal.unh.edu/employment. Applicants should apply online by 12/31/2015 at https://jobs.unh.edu for full consideration.

The University seeks excellence through diversity among its administrators, faculty, staff, and students. The University prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged.

Tenure-Track/Tenured Faculty Position

The Center for Oral Biology in the Eastman Institute for Oral Health invites applications for a faculty position at the Assistant, Associate or Full Professor level. Successful applicants should have a PhD, MD, DDS, or combined degrees, and demonstrated ability to conduct a state-of-the-art research program to investigate an area of science relevant to human disease/ oral biology. We are interested in all areas of contemporary biomedical science, including but not limited to: Developmental and Cell Biology, Genetics and Epigenetics, Stem Cell Biology, Regenerative and Reparative Medicine, Pain, and Cancer Biology. Preference will be given to applications that complement ongoing programs or bring novel expertise and research perspectives. Individuals seeking an appointment must have a demonstrated record of extramural funding. The Center of Oral Biology is located in the state-of-the-art Arthur Kornberg Medical Research Building at the University of Rochester School of Medicine and Dentistry. Faculty members in the Center carry joint appointments in appropriate academic departments and participate in graduate student training in several graduate programs in the University of Rochester.

More information about the Center and available positions can be found on the internet (http://www.urmc.rochester.edu/center-oral-biology/). For further details and to apply online, please go to: http://www.rochester.edu/working/hr/jobs/ (Job ID #187991). Please provide your curriculum vitae, statement of current and future research interests, and names and addresses of at least three references.

The University of Rochester is an Equal Opportunity Employer. Women and minorities are encouraged to apply.
ASSOCIATE or ASSISTANT PROFESSOR
in TRANSLATIONAL SYSTEMS
NEUROSCIENCE

ACTIVITIES:
This full-time position will involve undergraduate and postgraduate teaching in neuroscience, as well as supervising Masters' and doctoral theses.

The successful applicant will undertake research in his/her area of specialization at the highest national and international levels, and secure external funding.

Topics of research are expected to lie in the field of human neurosciences using techniques that allow translation to animal models or the field of circuits/systems neurosciences in animal models using techniques that allow translation to human neurosciences.

He/She will also take up administrative and organizational duties within the Department of Basic Neurosciences and the Faculty of Medicine.

He/She is also expected to carry out a transversal mission through strong collaboration with partner services.

REQUIREMENTS:
• PhD, Doctorate in Medicine (MD) or equivalent degree.
• Solid postgraduate training in neuroscience is required.
• Previous teaching and independent research experience.
• Publications in leading international journals.
• Knowledge of French is an advantage.

STARTING DATE: 1st March 2016 or according to agreement. Guidelines for applications: sylvia.deraemy@unige.ch

Online registration only, before 10th December 2015 at: http://www.unige.ch/academ

Women are encouraged to apply.