Marine Biological Laboratory
2020 Whitman Center Fellowships

THE MARINE BIOLOGICAL LABORATORY, a hub for research and education and an affiliate of the University of Chicago, convenes biologists from around the world each year to advance the mission of biological discovery. We are now accepting applications for Whitman Center Fellowships for 2020. Support is available for scientists to come to the Marine Biological Laboratory for 4 to 10 weeks to conduct research, year-round.

We particularly encourage applications from individuals or collaborative groups focused on the following:

- Evolutionary, genetic, and genomic approaches in regenerative and developmental biology, microbiomes, and neuroscience with an emphasis on marine organisms
- Integrated imaging and computational approaches to illuminate cellular function and biology emerging from the study of marine and other organisms
- Integrated approaches to the study of microbial communities and marine organisms in coastal communities.

The 2020 Whitman Center Fellowships include Whitman Center Early Career Fellowships, specifically designated for individuals less than 10 years from their doctoral degree who wish to focus on these areas of biological discovery, and the Whitman Center E.E. Just Fellowships for underrepresented minorities in science or individuals from HBCUs or MSIs.

Whitman Center Fellowships cover laboratory rental and housing costs. The MBL offers access to state-of-the-art instrumentation, innovative imaging technology, DNA sequencing and informatics, year-round availability of model freshwater and marine organisms, and modern laboratory facilities.

The Marine Biological Laboratory hosts more than 1,000 researchers, postdocs, and graduate students from around the world to participate in scientific discovery courses, research, lectures, and field studies. As a convener of biology, the Marine Biological Laboratory is well known for fostering a highly collaborative environment, with scientists and students engaged in intensive research in a collegial and informal atmosphere.

Eligible applicants must hold appointments at accredited universities, colleges or research institutions anywhere in the world. While applications will be evaluated on the basis of scientific merit, we are especially interested in individuals from diverse backgrounds, experiences and perspectives, especially those under represented in science.

mbl.edu/research/whitman-fellowships
research@mbl.edu
Application Deadline: December 15
Tenure-Track Assistant Professor Faculty Position in Cellular or Molecular Immunology

The Department of Biological Sciences in the College of Natural Sciences and Mathematics at the University of Toledo seeks to fill a tenure-track assistant professor faculty position. Appointment at a higher rank will also be considered. Applicants are required to hold a Ph.D. with post-doctoral experience in Biological Sciences or a related field. Candidates in cellular or molecular aspects of Immunology will be given priority. However, outstanding candidates in other areas of cellular or molecular biology will also be considered. It is important that candidates are able to collaborate with other faculty within the Department. Innate and other host disease defense mechanisms are part of our Departmental core research strengths, in addition to Cell Architecture and Dynamics, cell division/cancer biology, neuroscience, and regulation of gene expression, unified by a common interest in cell signaling. Other Departments in the College of Medicine on the near-by Health Science Campus of the University complement these areas. Facilities include a modern research complex with sophisticated laboratories and access to outstanding research instrumentation including, flow cytometers/cell sorters, confocal and super-resolution microscopes, and a new transmission electron microscope. The successful candidate is expected to advance excellence in the Department of Biological Sciences at the University of Toledo by establishing an externally-funded research program and contributing to undergraduate and graduate education. The Department offers B.A., B.S., M.S., and Ph.D. degrees.

Additional information is available on the Departmental website: www.utoledo.edu/bsm/bio/index.html. Salary and start-up funds are competitive. Review of applications will begin immediately and continue until the position is filled. The starting date for this position will be August 2020. Interested candidates must apply at https://jobs.utoledo.edu with a letter of application, curriculum vitae, statements of research and teaching interests, and the names and contact information for three referees. Email inquiries may be directed to Lirin Shemshedin at LIRIM.SHEMSHEDINI@utoledo.edu or Scott.Leisner@utoledo.edu.

The University of Toledo is an Affirmative Action Equal Opportunity Employer. All qualified applicants will receive consideration of employment without regard to race, color, religion, sex, national origin, disability, or protected Vets status. Qualified women and minorities are especially encouraged to apply. In addition, we are particularly interested in receiving applications whose research focuses on underrepresented populations and/or who have experience mentoring underrepresented minority students. The University of Toledo is committed to achieving inclusive excellence through a diverse workforce.

Rutgers - The State University of New Jersey seeks applicants for appointment at the rank of Assistant Professor/Associate Professor/Professor, Basic Science in the Department of Pathology, Immunology and Laboratory Medicine at the Rutgers-New Jersey Medical School located in Newark, New Jersey. This is a full-time Assistant /Associate or full Professor position. This position will support the research mission within the department, as well as the School. The research areas include Infectious Diseases, Cancer and Immunology. The successful candidate is expected to develop a strong independent research program within the department. In addition, he/she will participate in education and activities supporting research and scholarship. The successful candidate will bring in extramural funding with research interests and strength in Infectious Diseases, Immunology, and Cancer to complement and further the Department’s research mission. The successful candidate will initiate translational research in collaboration with the clinical faculty and participate in teaching of the RBHS-Graduate School of Biomedical Sciences (GSBS). Minimum education and experience: MD, PhD, or MD-PhD. Extramural funding is expected in the research area(s) of infectious Diseases, Immunology and Cancer. Teaching experience. Applications or inquiry should be submitted to the following email address: chen.liu@rutgers.edu.

Rutgers University is an AA/EEO Employer.
Recruitment:

**Director for the PGI – Institute for Quantum Computing (PGI-13) appointed as Professor for Quantum Computing (W3, Jülicher Modell) at RWTH Aachen University, Department of Physics**

In close cooperation with other national and international groups we are initiating a center of expertise on fundamentals of quantum computing. Within this effort the goal of the new institute is the development of experimental quantum processors. The focus should be on multi-qubit circuits using scalable solid state qubits. Areas of interest include the coupling of qubits, high fidelity and scalable qubit control, as well as system integration. The institute should seek strong synergies with existing initiatives within JARA, the planned Helmholtz Quantum Center and the Cluster of Excellence ML4Q.

Teaching requirements (2 hours/week) could, for example, be fulfilled with courses in quantum science and technology within the physics programs at RWTH Aachen. A doctoral degree and an exemplary record of research achievements at the group leader level are required.

**Application:**

Applications should be in English and should be sent with the usual documentation (CV, copies of certificates, list of publications, teaching experience, brief summary of previous research activities including a list of third-party funding, research concept for the advertised position), by the 15-12-2019 to (e-mail preferred): 

**Board of Directors of Forschungszentrum Jülich GmbH**
D-52425 Jülich
berufungen@fz-juelich.de

**Dean of the Faculty of Mathematics, Computer Science and Natural Sciences at RWTH Aachen University,** Prof. U. Simon
D-52056 Aachen
application@fb3.rwth-aachen.de

Further information can be found at: www.jara.org/jara-fitt/PGI-13