Boston University Job Opportunities

Assistant Professor of Medicine, Department of Vascular Biology

Tracking Code

6302/G2212

Job Description

Teach graduate-level courses in the area of vascular biology; conduct research in vascular biology, specifically integrative cardiovascular pathophysiology, including cardiovascular physiology measurements in mice; develop and apply methods of measuring vascular stiffness as well as pulmonary hypertension, in particular in stiffness and hypertension caused by vascular oxidants in type-2 diabetes; prepare research findings for publication and presentation; prepare and submit grant applications; and participate in academic and professional committees and activities.

Send resume by mail only to: Richard A. Cohen, MD, Director, Vascular Biology Section, Department of Medicine, Whitaker Cardiovascular Institute, Boston University School of Medicine, 650 Albany Street, Boston, MA 02118.

Required Skills

Must have a Ph.D. in pharmacology and four years experience in the job offered or four years post-doctoral research experience in vascular biology, including experience with mouse vascular surgery, surgery for hemodynamic measurements, telemetry blood pressure monitoring, and surgical models of disease; and demonstrated research ability as evidenced by peer-reviewed publications in the area of vascular biology, involving mouse vascular surgery, surgery for hemodynamic measurements, telemetry blood pressure monitoring, and surgical models of disease.

Send resume by mail only to: Richard A. Cohen, MD, Director, Vascular Biology Section, Department of Medicine, Whitaker Cardiovascular Institute, Boston University School of Medicine, 650 Albany Street, Boston, MA 02118.

Job Location

Boston, MA, US.

Position Type

Full-Time/Regular

Salary

Competitive

Assistant Professor, CAS, Chemical Biology

Tracking Code

9178/H2712

Job Description

The Department of Chemistry at Boston University invites applications from outstanding candidates for a tenure-track position at the Assistant Professor level in the field of Chemical Biology (beginning July 2013, pending budgetary approval). The successful candidate will initiate a world-class research program involving the development and/or use of chemical tools and approaches to address fundamental questions in biology and medicine. The department boasts a highly supportive, collegial and collaborative environment, which includes faculty possessing a wide range of complementary expertise in synthetic organic chemistry, biochemistry, biophysics, structural biology, theory and computation, and bioinformatics. Interactions across departments, with investigators in Biology and Biomedical Engineering for example, are also encouraged. The successful candidate will participate in the University-wide initiative in Integrative and Systems Biology or in translational research in collaboration with investigators at the School of Medicine, including the NEIDL (http://www.bu.edu/neidl). Undergraduate teaching responsibilities will be in the areas of general, organic, or biological chemistry, with the opportunity to develop graduate courses in the candidate's area of expertise.

Required Skills

Requires: Ph.D. in Chemistry, Biochemistry or a related field, with post-doctoral research experience and a commitment to excellence in teaching. Salary and benefits are competitive.

Applicants should apply through AcademicJobsOnline.org, job reference #1768, by submitting a letter of interest, teaching and research objectives, current CV, and arrange to have three letters of reference submitted by October 1, 2012.

Boston University is an Affirmative Action, Equal Opportunity employer.

Job Location

Boston , MA, US.

Position Type

Full-Time/Regular

Salary

Competitive

Boston University Job Opportunities

Assistant Professor, CAS, Computational Chemistry of Materials

Tracking Code

9177/H2712

Job Description

The Department of Chemistry at Boston University invites applications from outstanding candidates for a tenure-track position at the Assistant Professor level in the field of Computational Chemistry (beginning July 2013, pending budgetary approval). The successful candidate will initiate a world-class research program developing and applying ab initio quantum chemistry to study problems in materials design with impact in biological and/or energy materials science. The department boasts a highly supportive

collaborative environment, which includes faculty possessing a wide range of complementary expertise in biological and materials theory and computation, synthetic chemistry, soft materials science, strongly correlated electronic materials, designer inorganic materials, complemented by faculty with expertise in material properties characterization. Interdepartmental collaborations with investigators in Physics, Materials Science and Engineering, or biomaterials researchers in the medical school are highly encouraged as is participation in a number of University-wide initiatives, e.g. materials science and engineering (http://www.bu.edu/mse), photonic materials (http://www.bu.edu/photonics/), or nanoscience (http://www.bu.edu/bme/research/centers/cnn/). In addition, the successful candidate will have the opportunity to play an integral role in the University's strong computational science community, which is a critical component of the University's new Hariri Institute for Computing, Computational Science and Engineering (http://www.bu.edu/hic/). Undergraduate teaching responsibilities will be in the areas of general or physical and theoretical chemistry, with the opportunity to develop graduate courses in the candidate's area of expertise.

Required Skills

Requires: Ph.D. in Chemistry, Theoretical or Computational Chemistry, or a related field, with post-doctoral research experience and a commitment to excellence in teaching. Salary and benefits are competitive.

Applicants should apply through AcademicJobsOnline.org, job reference #1769, by submitting a letter of interest, teaching and research objectives, current CV, and arrange to have three letters of reference sent by October 1, 2012.

Boston University is an Affirmative Action, Equal Opportunity employer.

Job Location
Boston , MA, US.
Position Type
Full-Time/Regular
Salary
Competitive