



University of New Hampshire

Postdoctoral Diversity and Innovation Scholars

Postdoctoral Scholar in Biomaterials and Biotechnology

College of Engineering and Physical Sciences

Department: Chemical Engineering & Bioengineering

Description: The Department of Chemical Engineering & Bioengineering at the University of New Hampshire is looking for a Postdoctoral Diversity and Innovation Scholar for a two-year appointment in the broad areas of biomaterials and biotechnology. The scholar is expected to develop an independent research program with opportunities to collaborate with faculty in the College of Engineering and Physical Sciences (CEPS), College of Life Sciences and Agriculture (COLSA), Center of Integrated Biomedical and Bioengineering Research (CIBBR), and Bio-Inspired On-demand Strategies for Engineering Nanostructured Sensors (BIO-SENS). They will build on and complement the current research strengths within the department in areas of biomaterials, biomedical engineering, biophysics, bioelectronics, tissue engineering, drug delivery, biosensors, biomolecular modeling, and synthetic biology.

The postdoctoral scholar will be mentored by a senior faculty in the Department of Chemical Engineering & Bioengineering and may choose additional faculty to co-mentor them. Eligible applicants will have completed a Ph.D. in Chemical Engineering or Bioengineering or a related field. They will receive a travel budget and professional development opportunities such as research and engagement academy, writing academy, as well as early career faculty workshops. They will engage in departmental activities and faculty meetings, submit research grant proposals, secure funding, present at national and international conferences, and publish in high impact journals. The scholar will be expected to teach one senior elective / graduate course per year in the bioengineering field.

The University of New Hampshire actively promotes a dynamic learning environment in which qualified individuals of differing perspectives, life experiences, and cultural backgrounds pursue academic goals with mutual respect and shared inquiry. We encourage applications from underrepresented groups. The University of New Hampshire is an R1 Carnegie classification research institution providing comprehensive, high-quality undergraduate and graduate programs of distinction. UNH is located in Durham on a 188-acre campus, 60 miles north of Boston and 8 miles from the Atlantic coast and is convenient to New Hampshire's lakes and mountains. There is a student enrollment of 13,000 students, with a full-time faculty of over 600, offering 90 undergraduate and more than 70 graduate programs.

The UNH Diversity Resource Guide with information and programming available in the seacoast area, New Hampshire, and the region can be found here: <https://www.unh.edu/hr/diversity-resource-guide>.

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