Postdoctoral Scholar in Microbial Genomics
College of Life Sciences Agriculture
Department: TBD based on expertise

The College of Life Science and Agriculture (COLSA) and the New Hampshire Agricultural Experiment Station seeks to fill a Postdoctoral Diversity and Innovation Scholar position in the area of microbial genomics, broadly defined. The University of New Hampshire provides an outstanding opportunity to develop an impactful, multidisciplinary research program that focuses on the application of genomic techniques to answer fundamental questions related to microbial ecology and evolution. Through an emphasis of scholarship and teaching that enhances basic scientific knowledge and provides a foundation for developing further applied research, we aim to enable underrepresented postdoctoral scholars to advance in their training through mentorship with our faculty and enhanced professional development.

Microbial genomics research is conducted in all four departments within COLSA, and the successful postdoctoral scholar will be matched with the most appropriate mentor(s) based on research interests. Areas of research foci may include emphasis on host-microbe interactions, microbiomes (human or otherwise), pathogens, or environmental (including marine) microbiology. Successful candidates will enhance our strengths in quantitative approaches. The postdoctoral scholar will work closely with faculty mentors to develop an independent research program. Scholars will have the opportunity to apply for research project grants to support novel projects. In addition to a broad range of farms, fields, lakes, streams, forests, and marine environments, scholars will have access to state-of-the-art laboratory facilities including the UNH Instrumentation Center, the Hubbard Genome Center, the Center of Integrated Biomedical and Bioengineering Research, Research Computing Center, and the New Hampshire Veterinary Diagnostic Lab, and the New Hampshire Agricultural Experiment Station.

Additional professional development opportunities include participation in university governance, early career and faculty development academies, and workshops on teaching and learning. Scholars also will have opportunities to mentor graduate and undergraduate researchers and will teach one class annually.

UNH is part of the 1862–1890–1994 land-grant university and college system, within which institutions share the common mission to identify and meet the research and education needs of local and regional communities through world-class research that pushes scientific frontiers. COLSA is committed to contributing to this mission by bringing together a diversity of people and ideas to benefit the public good.

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All 2023 position descriptions
Postdoctoral Diversity and Innovation Scholars website

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