

From: Laura Parfrey
Subject: Graduate positions: Host-associated Microbial Ecology

Ph.D. opportunity in the evolution and ecology of host-associated microbes

The Parfrey lab (https://urldefense.proofpoint.com/v2/url?u=http-3A__parfreylab.botany.ubc.ca&d=CwIF-g&c=Ngd-ta5yRYsqUsEDgxhcqYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLo&m=y8KW0HXMZBBTqJqNGFVYzU1ww0pvoTUGtMX60gUDBw&s=q2OXbtH85tnb1M00TYHwj-j1S3EzbAhaO3jir9Ekk&e=) at the University of British Columbia in Vancouver, Canada is recruiting at least one PhD student to begin in Fall 2017. We study the ecology and evolution of host-associated bacteria and eukaryotes. We are currently working on the following projects: 1) diversity of eukaryotes within the mammalian microbiome; 2) the ecological impact co-evolved commensal eukaryotes have on the immune system and gut microbiota in a rat model system; 3) microbial ecology of seaweed, seagrass, and animal hosts in coastal British Columbia, and 4) protist diversity across salinity gradients. The PhD student will have the opportunity to develop his or her own research projects within these topics. I also welcome applications from students seeking to test principles of community assembly in microbial systems.

Strong candidates will have a successful track record of conducting research in evolution, ecology, microbiology, protistology, or related fields, ideally with evidence of success in the form of a scientific publication. Computational experience in Unix/Linux, Python, or R is an asset.

The PhD student will join a vibrant ecology and evolution community in the Biodiversity Research Centre (https://urldefense.proofpoint.com/v2/url?u=http-3A__biodiversity.ubc.ca&d=CwIF-g&c=Ngd-ta5yRYsqUsEDgxhcqYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLo&m=y8KW0HXMZBBTqJqNGFVYzU1ww0pvoTUGtMX60gUDBw&s=zU9ihRTd9x9jXDkNd7TeyGQXZ9zOUH6wyDH6F5Fs&e=), and a stellar group of researchers investigating microbial diversity in the Centre for Microbial Diversity and Evolution. Students will have access to a wealth of stimulating discussion group, seminar series, and training opportunities. Vancouver offers a mild climate with abundant opportunities for skiing and outdoor adventures in the nearby mountains and ocean, as well as vibrant city life.

Interested students should email Laura with a 1) summary of research interests and accomplishments, 2) your CV, and 3) unofficial transcripts to Lwparfrey@botany.ubc.ca. Students can apply through either the Botany or Zoology departments. Applicants are strongly encouraged to contact me well ahead of the January application deadlines to ensure you receive full consideration for fellowships.