Postdoctoral Researcher – Spatiotemporal Scales of Phenotypic and Genomic Adaptation
University of Maine

As part of a new, collaborative NSF funded EPSCoR Track-2FEC research and training program in the genomic ecology of coastal organisms and genome-phenome relationships in the wild, the University of Maine seeks to hire a postdoctoral researcher who will develop and conduct meta-analyses on the spatial and temporal scales of phenotypic and genomic evolution in the wild. The postdoc will conduct meta-analyses based on existing and new evolutionary rates databases to understand important spatial aspects of phenotypic divergence from microgeographic to global scales. This work will be conducted in the labs of Drs. Michael Kinnison and Brian Olsen, in collaboration with a diverse team of investigators, graduate students, and undergraduate students studying the ecological genomics and eco-evolutionary feedbacks of adaptation in tidal marsh birds. Additional collaborators will include EPSCoR partners at the University of New Hampshire and international collaborators at McGill University (Quebec). The successful candidate must have a strong background in evolutionary ecology and strong quantitative skills, with preference to those with demonstrated experience with meta-analyses or analysis and visualization of complex datasets. Consistent with our program scope and to advance an integrated understanding of adaptation in nature, we are especially interested in candidates who show promise to engage intellectually across the diverse scales of genomes, phenomes, and environmental feedbacks. The postdoc will be expected to participate in broader programmatic activities, including mentoring of junior researchers. In turn, the postdoc will receive extensive mentoring, career development training, and professional opportunities, in alignment with a personal career development plan.

Start Date: January 2019 (Negotiable)

Terms of employment: Salary of $48,000, health insurance, and other benefits are included. The position is for an initial 2-year period. Applicants must have completed all Ph.D. degree requirements prior to the start of the appointment.

Application: Submit names and contact information for three references, a CV, and a 2-page statement of your research experience and interests. The statement should address how this position would advance your career goals and describe your experiences with and vision for collaborative science, including your commitment to diversity and inclusion. To apply, send the requested materials to Dr. Michael Kinnison, Professor of Evolutionary Applications, at the University of Maine at mkinnison@maine.edu and Dr. Brian Olsen, Associate Professor, School of Biology and Ecology, at the University of Maine at brian.olsen@maine.edu. Review of applications will begin November 1, 2018. Remote (e.g., phone or Zoom) and an on-campus interview and presentation will be required of short-listed finalists.