

Postdoctoral Position in Dispersal Ecology & Evolution

Department of Ecology & Evolutionary Biology

A postdoctoral position is available in the Emery lab at the University of Colorado Boulder. Our lab studies plant evolutionary ecology with an emphasis on understanding plant adaptation in variable environments and the ecological and evolutionary drivers of species' distribution patterns.

Additional information can be found at <http://www.colorado.edu/lab/emery/>

This opening is for one full-time postdoctoral researcher who will contribute to an NSF-funded project investigating the evolutionary feedbacks between dispersal and habitat specialization. The specific goals are to (1) quantify patterns intra- and inter-specific variation in functional traits that influence dispersal patterns in several closely related plant species, (2) test for the relationships between dispersal traits and habitat characteristics, and (3) experimentally test hypotheses about the evolution of dispersal by measuring patterns of selection and plasticity in dispersal traits under different environmental conditions.

The primary responsibilities of this position include establishing and monitoring field and greenhouse experiments, managing and analyzing data, and contributing to the dissemination of results through manuscripts and presentations. The position requires travel to California for several weeks each spring and fall to establish and maintain field experiments at the Jepson Prairie Reserve (<http://www.ucnrs.org/reserves/jepson-prairie-reserve.html>). The postdoc will be expected to engage in a highly collaborative lab environment by mentoring undergraduate students and supporting the research and professional development of graduate students, and to be an active member of the vibrant EBIO community. Opportunities for teaching and outreach activities are also available.

Candidates must have PhD in Ecology, Evolutionary Biology, Botany, or a related field, and experience conducting field experiments with plants. Candidates are also expected to have a background in quantitative and statistical methods, a strong work ethic, and excellent interpersonal, communication, and time management skills. A clear track record of publications and independent research experience are also required. The start date for the position is no later than November 1, 2017. The expected duration of the position is 30 months.

TO APPLY: Please submit a single PDF that includes (1) a cover letter describing past research experience and qualifications for this position, (2) a current CV, and (3) contact information for 3 references, as well as separate PDFs of 3 published manuscripts, to Dr. Nancy C. Emery (nancy.emery@colorado.edu). Review of applications will begin immediately and continue until the position is filled.