We are recruiting for an RA-funded PhD position in the Charney lab at the University of Maine’s flagship campus to complete a graduate program in Wildlife Ecology or Ecology & Environmental Science. The successful student would work on either: developing novel remote-sensing techniques of forests and landscape ecological metrics to understand and guide urban-planning in Nashville, TN; landscape ecology and conservation of vernal pools in New England working with unisexual salamanders and/or other vernal-pool dependent species; or another project of their choosing that links rare species conservation and landscape ecology.

This is an exciting opportunity for an outstanding student to contribute to solving real-world conservation challenges while learning and advancing cutting-edge techniques, gaining experience in the field, establishing their career, and working within a supportive and collaborative environment.

The ideal candidate would have: an independent work ethic; a strong quantitative skill set (preferably including fluency in R and GIS); passion for natural history; intense curiosity; strong written and oral communication skills; a desire to engage with collaborators and stakeholders in solving problems. A completed Master’s degree is preferred but not required, as is success in publishing past work.

The University of Maine is a friendly community in the small, bike-able town of Orono, just a few minutes from the city of Bangor. The campus is surrounded by lots of forest, bogs, rivers and lakes, set in between the famous Hundred-Mile Wilderness of the Appalachian Trail and the spectacular rocky coastline of Acadia National Park.

Funding includes stipend, health insurance and tuition. To apply: please submit as a single PDF (if possible): (1) a cover letter detailing the project you are interested in and why you would be the ideal candidate; (2) a CV; (3) unofficial transcripts; (4) contact information for 3 references; and (5) a writing sample. Materials and questions may be emailed to: noah.charney@maine.edu. Application review will begin April 15th, 2021 and continue until the position is filled. Anticipated start is summer/fall 2021 (TBD).