

## David L Nieland

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**Subject:** PhD position in ecosystem ecology of species range shifts

Position: PhD assistantship in ecosystem ecology of species range shifts University of Maine (academic year), and the Rocky Mountain Biological Laboratory (June - August).

Start date: June 2016.

Description: The Greig Lab in the School of Biology and Ecology at the University of Maine has an opening for a PhD student to work on NSF-funded research on the ecosystem consequences of species range shifts in high elevation ponds in the Rocky Mountains. The project is a collaborative effort with Co-PIs Scott Wissinger (Allegheny College) and Brad Taylor (North Carolina State University).

The successful student will work with a team of faculty, postdocs and undergraduate students at the Rocky Mountain Biological Laboratory (RMBL) to conduct a series of mesocosm and field experiments to understand how novel communities arising from climate-induced range shifts influence the breakdown and assimilation of detritus in pond food webs. The student will be encouraged to develop complementary lines of research at both RMBL and UMaine, participate in a cross-institution undergraduate class research project, and co-mentor undergraduate students conducting senior thesis projects.

Candidates should have an M.S. degree in ecology and/or evidence of published research, and a strong interest in conceptual community and ecosystem ecology and experimentation. Experience with fieldwork in remote locations, detritus processing, water chemistry analysis, stable isotopes, and/or macroinvertebrate identification is desirable but not essential.

The position includes 3yr stipend, tuition allowance & health insurance at the University of Maine, and room and board and travel to and from the Rocky Mountain Biological Lab for 10 weeks per summer.

Applications should be emailed to Dr. Hamish Greig ([hamish.greig@maine.edu](mailto:hamish.greig@maine.edu)) and consist of:

- 1) cover letter describing your relevant experience,
- 2) CV including the names and contact details of three references,
- 3) unofficial transcripts and GRE scores,
- 4) pdfs of any relevant publications.

The review of applications will begin immediately and continue until the position is filled.

For more information please email Hamish or see:

The Greig Lab <http://hamishgreig.weebly.com/> The School of Biology and Ecology, U. Maine <http://sbe.umaine.edu/> Rocky Mountain Biological Laboratory <http://www.rmb.org/>

Best wishes,  
Hamish Greig

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Dr Hamish S. Greig

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