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**Education**

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| --- | --- |
| 2012 | Ph.D. Natural Resources and Environmental Science, University of New Hampshire, Durham, NH |
| 2007 | M.A. Biological Sciences, University of Missouri, Columbia, MO |
| 2003 | B.S. Environmental Conservation, minor in Chemical Engineering, University of New Hampshire, Durham, NH |

# Professional Experience

2016 – Present Assistant Professor, Department of Biology, Frostburg State University

2014 – Present USGS Mendenhall Postdoctoral Fellow, Leetown Science Center

2014 – Present Postdoctoral Fellow, DOI Northeast Climate Science Center

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| 2012 – 2013 | Postdoctoral Research Associate, University of New Hampshire |

**Publications (Selection from 21 total)**

Stephens, R.B., **D.J. Hocking**, M. Yamasaki, and R.J. Rowe. *In Press*. Synchrony in small mammal community dynamics across a forested landscape. *Ecography*.

Peterman, W.E., J.A. Crawford, and **D.J. Hocking**. 2016. Effects of elevation on plethodontid salamander body size. *Copeia*. 104(1):202-208

Milanovich, J.R., **D.J. Hocking**, W.E. Peterman, and J.A. Crawford. 2015. Effective use of trails for assessing terrestrial salamander abundance and detection:  A case study at Great Smoky Mountains National Park. *Natural Areas Journal.* 35(4):590-598.

**Hocking, D. J.** and K. J. Babbitt. 2014. Amphibian Contributions to Ecosystem Services. *Herpetological Conservation and Biology*. 9(1): 1-17.

**Hocking, D. J.** and K. J. Babbitt. 2014. The role of red-backed salamanders on ecosystem functions. *PLoS ONE* 9(1): e86854.

**Hocking, D. J.,** S. A. Callaghan, K. J. Babbitt, and M. Yamasaki. 2013. Comparison of silvicultural and natural disturbance effects on terrestrial salamanders in northern hardwood forests. *Biological Conservation*. 167:194-202.

**Hocking, D. J.**, G. M. Connette, C. A. Conner, B. R. Scheffers, S. E. Pittman, W. E. Peterman, R. D. Semlitsch. 2013. Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. *Forest Ecology and Management.* 287: 32-39

# Grants and Awards (Selection of Recently Awarded)

|  |  |  |
| --- | --- | --- |
| 2014 | USGS Mendenhall Research Fellowship. *Hierarchical modeling of climate change effects: Land use impacts on brook trout population persistence.* | $210,000 |
| 2012 | National Geographic Society. Waitt Grant. *Climate change effects on elevational distributions of salamanders in Great Smoky Mountains National Park*. J. A. Crawford, D. J. Hocking, J. Milanovich, W. E. Peterman. | $14,932 |
| 2011 | NH Agricultural Experiment Station. McIntire-Stennis. *The role of red-backed salamanders (Plethodon cinereus) in forest-floor ecosystem functions.* K. J. Babbitt, D. J. Hocking. | $42,000 |