

Shawn David Taylor

PhD Student - University of Florida

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Education

PhD in Ecology | 2015-Present | University of Florida | Gainesville, FL | White Lab

Research: Forecasting in ecology

- What are the correct scales to forecast ecological models and how do you find them?
- What tools can be borrowed from the meteorology forecasting community?

BS in Ecology and Conservation Biology | 2012 | University of Idaho | Moscow, ID

- Senior Thesis: Influences of soil and spatial properties on *Bromus tectorum* distribution after fire

AS in Computer Networking | 2005 | Truckee Meadows Community College | Reno, NV

Publications

Coming soon!

Posters & Presentations

- Taylor, S.D. and White, E.P. 2016. Ecological Forecasting and Scale. Gordon Research Conference: Unifying Ecology Across Scales. University of New England. Biddeford, ME. (Poster)
- Taylor, S.D. and Newingham, B.A. 2012. Influences of soil and spatial properties on *Bromus tectorum* distribution after fire. Annual Meeting of the Society of Range Management, Spokane, WA. (Presentation)

Work Experience

Lab Manager | Agricultural Research Station | Dr. Beth Newingham | Reno, NV

May - August 2015

- Lab purchasing & field prep.
- Surveys of post-fire restoration throughout the Great Basin.

Biological Science Technician | U.S. Forest Service | Idaho, Montana, Oregon, Utah

May - October 2012, April 2013 - November 2014

- Botanist surveying riparian vegetation throughout the Columbia Basin.
- Tech in 2012. Crew lead in 2013. Supervisor of 4 crews in 2014.

Systems Engineer | Bright Technologies | Reno, NV

2006-2009

- Design, testing, & installation of storage area networks (SANs) for film and television post production.

Certifications

Instructor Training Data Carpentry - (7/2016)

Honors & Grants

2016 Carl Storm Underrepresented Minority Fellowship (Travel Grant)

2012 Outstanding Ecology and Conservation Biology Nominated

2012 Henry & Ingeborg Legoll Schollarship

2011 Research Award for Undergraduates NSF Idaho EPSCoR

Skills

R, Python, SQL, ArcGIS, QGIS, UNIX/Linux, parallel programming, high performance clusters.

Botany. Fluency in most plants of the Western U.S. Expert in the Inland Northwest.