

Stephanie Pennington

stephanie.pennington@pnnl.gov
(301) 606-3322

EDUCATION

2013 - 2017 **Bachelor of Science, Atmospheric and Oceanic Science**
University of Maryland, College Park, Maryland
Recipient: Tannenbaum Prize in Climate Science

EXPERIENCE

2018 - present **Post Bachelor Research Associate**
Pacific Northwest National Laboratory
Conduct field work and data correspondence to PIs and collaborators across the US, lead field installations, QA/QC and data processing/visualization, and manuscript writing for an initiative focusing on the terrestrial-aquatic interface

- Co-mentored a student through a 10-week research project and report

2017 - 2018 **Faculty Research Assistant**
University of Maryland, Department of Geology
Coded scripts in R language to process and reformat model AMOC pseudo-proxy data to represent bioturbation of marine sediments and sample resolution at several collection sites.

2016 - 2017 **Undergraduate Student Researcher**
Pacific Northwest National Laboratory
Collected and analyzed CESM1-BGC ocean data, as NetCDF files in R, to identify intermediate water in the South Pacific to track changes under radiative forcing scenarios.

SKILLS

Software and Coding | R, C, CDO (climate data operators), RStudio, Git/Github, LoggerNet, HOBOWare

Statistical and Computational Methods | Data DA/QV, visualization, smoothing, regression analysis

Technical | Proficient in LI-COR, Campbell, Onset HOB0, and METER environmental monitoring systems. Experience in electrical wiring, installation of Granier-style sap flux sensors

MENTORSHIP AND TEACHING

“R Basics Workshop” | Conducted a 10-week R basics workshop for SULI and high school student interns

“Rmarkdown Workshop for Reproducible Research” | *Presentation, University of Delaware and Virginia Commonwealth University*

References and full academic CV available upon request
This resume was made in RMarkdown