

===== Packard 2021-2022 =====
Postdoctoral Position at UW-Seattle: big data environmental seismology in the Pacific Northwest

UW seismology is opening for a postdoctoral position supported by the Packard Foundation. The research will explore seismic signatures of surface processes, volcanic, and earthquakes in the greater Pacific Northwest using machine-learning approaches for event-based analysis and/or ambient-noise monitoring. The postdoctoral researcher will work in close collaboration with analysts and seismologists of the Pacific Northwest Seismic Network. The postdoctoral researcher will work in an open-science environment and be comfortable learning high-performance computing for observational seismology on local and cloud Linux servers. PhD in seismology and/or computational sciences is required.

The postdoctoral researcher will be encouraged to collaborate beyond the research group with colleagues at the ESS Department, the USGS, the UW eScience Institute, and the Department of Applied Mathematics. The researcher will also participate in the SCOPED project. The postdoctoral researcher will have access to an in-house petascale computing facility, training, and allocation to Cloud computing, dedicated access to a newly funded DAS/DSTS facility at UW by the Murdock Charitable Trust, and fieldwork opportunities. Seattle is also a beautiful area to live in, with skiing 45 minutes away and sailing/kayaking from campus.

The successful candidate will receive a salary commensurate to research experience, support for computing, and travel to conferences (we all miss it!). The position is initially one year but will be reappointed to longer (at least one additional year) based upon satisfactory work.

International applicants are encouraged to apply as recent hires and postdocs have received visas and authorization to enter the United States.

Candidates are asked to email Marine Denolle (mdenolle@uw.edu) with a CV, a short research statement, two representative publications, a GitHub repository with recent projects. Review of the applications will start immediately until November 1st.