



Earth Sciences
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**Position Available:
Postdoctoral Researcher, Mantle Processes Group, University of Delaware**

Applications are invited for a postdoctoral research scientist to join the Mantle Processes Group at the University of Delaware. The postdoc will participate in a project on the relationship between water in olivine and flow in the upper mantle, with a focus on the water content and stress associated with olivine E-type fabric formation. The project will involve experiments on olivine aggregates using a recently updated Griggs-type high-pressure apparatus, combined with microstructural and geochemical analyses of natural and experimental samples. The postdoc will contribute to broadening participation in science through supervision of an undergraduate project and other outreach opportunities.

The position is available for a year, with renewal for one year contingent upon satisfactory performance. The start date for the position can be as early as 3/01/2022, but timing is flexible. The position is based in the Department of Earth Sciences on the Newark campus of the University of Delaware. The applicant will spend approximately 6 months at Brown University to conduct experiments, with further travel for collaboration, data collection, and meetings. Additional information is available by contacting Prof. Jessica M. Warren (warrenj@udel.edu).

The position is open until filled, with preference given to applications received by 11/10/2021. Applicants should have strong communication skills, good quantitative experience, and demonstrable scientific initiative. Applicants should have a PhD in a related subject by the time the position starts and should indicate their anticipated date of degree conferral in their cover letter. Applicants should submit a cover letter, CV, research statement, and graduate transcript (unofficial transcripts accepted) and contact information for three references through this site: <https://careers.udel.edu/cw/en-us/job/496833/post-doctoral-researcher-mantle-processes-group>

The University of Delaware is an Equal Opportunity Employer which encourages applications from minority group members, women, individuals with disabilities and veterans. The University's Notice of Non-Discrimination can be found at: <http://www.udel.edu/aboutus/legalnotices.html>