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ALEXANDRIA, Va. - The American Geosciences Institute (AGI) congratulates master's student Ali Downard and doctoral student Corinne Kuebler as the 2020 recipients of the Harriet Evelyn Wallace Scholarship. This highly competitive scholarship, which is awarded to women pursuing graduate degrees in geoscience, provides each recipient with a \$5,000 award for one academic year. Wallace Scholars who are continuing their graduate studies are eligible to apply for the award a second time.

Ali Downard is a first-year master's student at the Colorado School of Mines. Her research is part of the Reservoir Characterization Project (RCP) Consortium and focuses on the integration of a high-volume dataset to inform optimal development of an unconventional reservoir in the Denver-Julesburg Basin in northeastern Colorado. Downard's specific focus is the characterization of geological heterogeneity in the reservoir using a 3D seismic volume, well logs, and production data so that the geologic controls on production can be understood across the field. As Downard's research advances, she will develop a methodology to analyze chronological snapshots given by various phases of development in the project area, which will aid in the optimization of subsequent wells.

Corinne Kuebler is a Ph.D. candidate at the University of Notre Dame in the Department of Civil and Environmental Engineering and Earth Sciences studying isotope geochemistry. Although Kuebler employs many geochemical techniques in her work, her research focuses on the application of boron as an isotopic tracer in continental-based alkaline magmatism and several crustal systems to investigate mantle-crustal relationships. The boron isotopic compositions of mantle-derived igneous carbonate-rich rocks (i.e. carbonatites) offers the opportunity to trace any potential recycling of subducted material within the mantle. The boron database and protocols developed through her research will be the first of its kind and will have implications for future investigations of the mantle and crust.

The Wallace Scholarship is celebrating its eighth year supporting women geoscientists in graduate school. The original bequest was given by Harriet Evelyn Wallace, who was one of the founding members of the Geoscience Information Society (GSIS), a national organization and AGI Member Society that facilitates the exchange of information in the geosciences. The scholarship is awarded to the top applicants who most demonstrate a strong likelihood of successfully transitioning from graduate school into the geoscience workforce. To learn more, go to <https://www.americangeosciences.org/workforce/harriet-evelyn-wallace-sch...>

To make a tax-deductible donation to support rising women geoscientists through the Wallace Scholarship Fund, go to <https://tinyurl.com/GeoWomen>
