

**Suzanne Mulligan**, University of Las Vegas Nevada, for her proposal:  
*Applications and Limitations of Raman-inclusion barometry*

Suzanne Mulligan is currently pursuing a doctoral degree at the Department of Geoscience, University of Nevada, Las Vegas, where she studies metamorphic petrology and mid-crustal structural geology. She was born outside of Chicago, and from the flat plains of Indiana she found her passion for the mountains and metamorphism. She obtained her Bachelor of Science at Indiana University where she began her research into metamorphic petrology, traveling more than twenty hours to study high-grade metamorphic rocks in New England. During her time at Indiana University she worked at the Indiana geological survey on a variety of projects from studying collapse in the Indiana dunes, glacial tills, and ancient man-made mounds. Simultaneously, she conducted research into rocks from the Rye complex of New Hampshire, finding her passion for microstructure, petrology, and tectonics. From there she moved from trudging through moss-covered and ocean-sprayed outcrops in New England, across the continent, to Nevada where she began working in the naked mountains of the Death Valley desert. In the Funeral Mountains, after spending months living in the desert among some of the highest-grade rocks exposed in the western Cordillera, she began her research into mid-crustal processes. During an investigation into a structural feature, she discovered the world of Raman spectroscopy and high-pressure physics. She now divides her research interests between Raman-inclusion barometry, high-pressure high-temperature experimentation, Mesozoic tectonics in metamorphic core complexes, and detrital zircon protolith reconstruction in high-grade metamorphic rocks and migmatites.

