

# Arlaine Sanchez

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<b>Education</b>	<b>University of Nevada, Las Vegas – Las Vegas, NV</b> Bachelor of Science in Geoscience <i>summa cum laude</i> (GPA: 4.0/4.0) <i>May 2019</i>
<b>Experience</b>	<b>Research Assistant – University of Nevada, Las Vegas</b> Hausrath Research Group [ <a href="https://faculty.unlv.edu/hausrath/">https://faculty.unlv.edu/hausrath/</a> ] <i>Jun 2018 - present</i> <ul style="list-style-type: none"><li>· Co-lead in geochemical experiments to study water-rock interactions on Mars</li><li>· Organizing powder X-Ray Diffraction and Atomic Absorption spectrometer data spreadsheets for chemical analyses of 140+ samples using complex kinematic equations</li><li>· Designed and presented research poster at multiple annual UNLV symposiums each with over 200 attendees (August 2018 &amp; April 2019)</li></ul> <b>Laboratory Assistant – University of Nevada, Las Vegas</b> Hausrath Research Group <i>Oct 2017 – Jun 2018</i> <ul style="list-style-type: none"><li>· Performed administrative tasks for Dr. Elisabeth Hausrath, including literary searches, data organization via Excel, and maintaining lab safety to improve workflow</li><li>· Assisted 2-3 graduate students and professors in individual research and data collection, including mineral syntheses and biological-mineral interactions with implications for Mars habitability</li></ul>
<b>Skills</b>	<b>Communication</b> <ul style="list-style-type: none"><li>· Experienced in presenting research data to general and professional audience</li><li>· Compiled and reported research progress to Hausrath Group regularly via seminar</li><li>· Written multiple technical proposals for funding, with a focus on objective and time management/scheduling, saving the Hausrath Group \$10k in research grants</li></ul> <b>Technical Skills</b> <ul style="list-style-type: none"><li>· Proficient in Microsoft Word/Excel and Adobe Illustrator</li><li>· Experienced with operating complex machines for laboratory sample analyses</li><li>· Experienced in performing geographic spatial analyses using a compilation of public geodatabases and spatial tools in ArcGIS</li></ul>
<b>Activities</b>	<b>Alpha Phi Omega (APO)</b> <i>Member</i> <i>Spring 2018 – Fall 2018</i> National service organization dedicated to leadership development through service
<b>Awards</b>	Geosymposium Undergraduate Academic Achievement Award <i>2018 - present</i> Nevada NASA Space Grant Consortium Award <i>2018 - present</i> CSUN Undergraduate Research Scholarship <i>2018 - present</i>