

Guadalupe Sanchez  
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Hello, my name is Guadalupe Sanchez, I am a junior at Nevada State College. My passion is biology and mathematics. My educational goals are completing my bachelors in biology and my minor in mathematics at Nevada State College. After receiving my bachelors, I will continue on to obtain my doctorate, maybe at the University of Nevada, Reno or the University of Notre Dame for biochemistry.

My research is about O<sup>6</sup>- Alkylguanine-DNA alkyltransferase being a DNA repair protein for the protection against exogenous and endogenous alkylating agents. This research aims to understand the biophysical parameters that define this protein's stability. I will be using site directed mutagenesis of all internal proline residues to alanine in order to verify the protein's stability.