

**David Hernandez Uribe**, Central Washington University, for his project: *Estimating the thickness of an ultra-high pressure (UHP) terrane: Insights from phase equilibria modeling and Zr-in rutile thermometry, Dulan area, North Qaidam terrane, Northwest China*



David is a first year master's student at Central Washington University. He is interested in integrating metamorphic petrology, structural geology, geochronology and geological mapping in order to understand subduction, exhumation, crustal melting, and orogenic processes. David graduated from Universidad Nacional Autonoma de Mexico (UNAM) in 2015. His undergraduate thesis was entitled "Petrologic study of the Chuacus Complex, in the Rabinal sector, Guatemala". This project analyzed the interplay between deformation and metamorphism to understand the evolution of the Chuacus Complex and its relation with the North American and the Caribbean plates. His master's thesis uses Zr-in-rutile thermometry, phase equilibria

modeling, and geochronology to elucidate the thermal structure and metamorphic evolution of the Dulan area, in the North Qaidam ultrahigh pressure terrane, China. David has been a teaching assistant in different courses. At UNAM, he was a teaching assistant for metamorphic petrology, mineralogy, and optical mineralogy. At Central Washington University, he has been a teaching assistant for a course on rocks and minerals, and mineralogy. David enjoys playing sports, especially swimming and soccer. His biggest hobby is collecting mineral display specimens. David is delighted by renaissance art, and by prehispanic Mexican cultures.