**Three Ph.D. positions at Missouri S&T focusing on paleolimnology, sedimentology, stratigraphy, and basin analysis**

I am seeking three Ph.D. students to join my research group in support of two research projects funded by the National Science Foundation (NSF). The Ph.D. students will work within the framework of two NSF projects focusing on: 1) reconstructing the paleoseismic record along the North American and Caribbean plate boundary; and 2) reconstruct the basin filling history of the largest pull-apart basin along the plate boundary. The successful applicants will participate in data acquisition in six lakes in Guatemala (including seismic data, sediment coring, outcrop observations) and conduct paleolimnological, sedimentological, geophysical, and stratigraphic analyses at Missouri University of Science and Technology (Missouri S&T).

Positions: Two Ph.D. students will be considered for Graduate Research Assistantships and one Ph.D. student will be considered for a Graduate Teaching Assistantship and will aid in teaching Sedimentology, Stratigraphy, and Basin Analysis. The three positions are fully funded for 36-48 months, including tuition and fees, international travel, and support to travel to conferences to present research results.

To be considered for the positions, please contact Dr. Jonathan Obrist-Farner and submit a CV and 1-pg cover letter outlining your background, your interest in the positions, and how this opportunity will help you realize your future goals. Please send all information to [obristj@mst.edu](mailto:obristj@mst.edu). Review of applications will begin November 1, 2021 and continue until the positions are filled. Successful candidates are expected to start in the Spring or Summer of 2022.