Stanford



Emily Ellefson

Ph.D. Student in Geological Sciences, admitted Autumn 2021

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am a palynologist, that is, I study fossilized pollen and spores! Previously I have worked on Permian-Triassic and Jurassic-Cretaceous palynology, but here at Stanford I'm excited to be exploring a new time interval and will be working on Silurian-Devonian palynology. My research will focus on how the evolution of terrestrial plants affected the marine redox record through palynology, paleobotany, and geochemistry.

Publications

PUBLICATIONS

 Endospores associated with deep seabed geofluid features in the eastern Gulf of Mexico. Geobiology Rattray, J. E., Chakraborty, A., Elizondo, G., Ellefson, E., Bernard, B., Brooks, J., Hubert, C. R. 2022