

Sarah K. Meyer

803 Vista Del Lago Dr.
Huffman, TX 77336

281-635-1622
sarahmeyer48@gmail.com

EDUCATION

University of Houston August 2016-December 2019
Department of Earth and Atmospheric Sciences, B.S. Geology
The Honors College, Energy and Sustainability minor
Honors: *magna cum laude*
Cumulative GPA: 3.77/4.0

Baylor University, Waco, Texas August 2015-May 2016

RELEVANT COURSEWORK

Sedimentary Petrogenesis, Principles of Stratigraphy, Petroleum Geology, Structural Geology, Geologic Field Methods, Petrography, Mineralogy, Paleobiology, Igneous and Metamorphic Petrogenesis, Field Camp

EXPERIENCE

Project title: Changes in sediment routing during the Campanian in the Sevier retroarc foreland basin August 2018-May 2019

- Advisor: Dr. Joel Saylor
- Conducted independent research to determine provenance and youngest depositional age of rock samples using detrital zircon geochronology
- Presented research at an internal conference (20th Annual Robert E. Sheriff Lecture hosted by the Houston Geological Society and the Department of Earth and Atmospheric Sciences)

Project title: Geologic Investigation of Hurricane Harvey Deposits January-October 2019

- Advisor: Jerry Kendall
- Interpreted sedimentary structures that were preserved in 12 sand peels taken from Buffalo Bayou following Hurricane Harvey to determine flow energy and direction over time
- Scheduled to present at the GeoGulf 2019 Convention and co-lead a GCAGS field trip at Buffalo Bayou in Houston

Acta Mineralogica Houstonica January-May 2018

- Senior editor and contributor
- Co-founded a peer-reviewed, student run, undergraduate journal that publishes comprehensive papers about uncommon minerals that have minimal research published
- My paper “Benstonite, (Ba,Sr)₆Ca₆Mg(CO₃)₁₃, A Barium Calcium Carbonate Mineral” was published in the journal

HONORS AND AWARDS

20th Annual Robert E. Sheriff Lecture October 2018

- Received the award for best poster presentation in the category of undergraduate and first year M.S. students

J. Bryan Eby - Outstanding Senior Scholarship April 2019

Academic Excellence Scholarship in Geoscience - Undergraduate April 2019

Field Camp Scholarship April 2019

Dean's Distinguished Scholars List for the College of Natural Sciences and Mathematics: Spring 2019

Dean's List for The Honors College: Spring 2017, Fall 2017

Dean's List at Baylor University: Fall 2015, Spring 2016

ORGANIZATIONS

The Honor Society of Phi Kappa Phi March 2018-Present

- Elected from the top 7.5% of the junior class to be a member of Phi Kappa Phi

National Society of Collegiate Scholars August 2016-Present

University of Houston GeoSociety August 2017-Present

HOBBIES AND INTERESTS

Haiti Mission Inc. December 2014-Present

- Raised over \$5500 from bake sales to fund the construction of three homes in Jeremie, Haiti.