



STEPHANIA ZNEIMER
Department of Anthropology
University of Colorado - Boulder
szneimer@colorado.edu

Education

	University of Colorado, Boulder CO
<i>In progress</i>	PhD in Biological Anthropology Colorado University – Anchutz, Boulder, CO
<i>In progress</i>	MPH in Epidemiology Southern Illinois University, Carbondale IL
2019	M.S in Geography and Environmental Resources
2017	B.S in Geology (Minor in Chemistry)
2017	B.A in Anthropology

Publications

Refereed Publications

In progress **Zneimer, S.**, Lefticariu, L., Ford, T.W., and Mihai Lefticariu (*in progress*).
Patterns and Variability of Precipitation Stable Isotopes in Southern
Illinois, USA. *Journal of Hydrology*

Refereed Conference Proceedings

2017	Investigating Soil Moisture-Convective Precipitation Feedbacks with Soil Moisture – Active Passive Mission. Poster Presentation at AGU 2018 National Conference. New Orleans, LA
2017	Meteoric Water Line: A Case Study for the Midwestern US. Oral Presentation at Natural Sciences Student Research Symposium SIU. Carbondale, IL
2017	Modeling local water cycle dynamics by integrating stable isotopes of precipitation and climate parameters. Poster Presentation at STLAURS. Saint Louis, MO
2016	Modeling Regional Weather Patterns in Southern Illinois by Integrating Stable Water Isotopes Found in Precipitation to Distinguish Various Controls on the Local Hydrologic Cycle. Poster presentation at GSA 2016 Annual National Conference. Denver, CO
2016	Modeling Regional Weather Patterns in Southern Illinois by Integrating Stable Water Isotopes Found in Precipitation to Distinguish Various Controls on the Local Hydrologic Cycle. Poster presentation at AIPG 2016 Annual National Conference. Sante Fe, NM
2016	Integrating stable isotopes in precipitation and earth system models to interpret local water cycle dynamics. Poster presentation for SIU CURCA REACH Poster forum. Carbondale, IL

- 2016 Integrating Stable Isotopes in Precipitation and Earth System Models to Interpret Local Water Cycle Dynamics. Poster presentation at 2016 GSA North Central Section meeting. Champaign, IL
- 2015 Tracking Regional Climate Pattern through Stable Water Isotopologues in Precipitation and surface Water of Southern Illinois. Poster presentation at annual CURCA's REACH forum. Carbondale, IL

Honors and Awards

Research Grants

- 2015 Research Proposal for SIU CURCA REACH titled: Tracking Regional Climate Change through Stable Water Isotopologues in Precipitation and Surface Waters of Southern Illinois. Zneimer, S and Liliana Lefticariu. (\$1,500)

Awards

- 2016 1st Prize for undergraduate poster titled: Integrating stable isotopes in precipitation and earth system models to interpret local water cycle dynamics. AIPG 2016 National Meeting. Sante Fe, NM. (\$500)
- 2016 SIU CURCA REACH Poster 1st Place for poster titled: Integrating stable isotopes in precipitation and earth system models to interpret local water cycle dynamics. CURCA Symposium. Carbondale. IL
- 2016 Honorable Mention for poster titled: Integrating stable isotopes in precipitation and earth system models to interpret local water cycle dynamics. North Central Section, GSA. Champaign, IL

Experience

Research Experience

- Southern Illinois University, Carbondale IL
Department of Geography and Environmental Resources
- 2019 Graduate Research Assistant (Trent W. Ford)
SMAP · Remote Sensing · Hydrology · Stable Isotopologues (Meteoric)
- 2017 Department of Geology
Undergraduate Research Assistant (Liliana Lefticariu)
Hydrology · Stable Isotopologues (Hydrology)

Teaching Experience

- University of Colorado, Boulder CO
Anthropology Department
- Ongoing Teaching Assistant/Lab Instructor
ANTH 2030 · ANTH 2010 · ANTH 2020 · ANTH 4110

Other

Links

Github: [SLENORA](#)

Google Scholar: [SL Zneimer](#)

Mathworks File Exchange: [Zneimer](#)