SARAH M. VANSCHOICK

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EDUCATION

Aug 2020- **M.S., Geography**
University of Florida, Gainesville, FL
Concentration: Climate Science

May 2020 **B.S., Geography**, *Summa Cum Laude*
University of Florida, Gainesville, FL
Certificate in Geospatial Analysis
Advisor: Corene J. Matyas, PhD
Thesis: Effects of Atmospheric Conditions on Rainfall Asymmetry in Tropical Cyclones Eline and Hudah, Southwest Indian Ocean

SERVICE AND LEADERSHIP

2019-2021 Undergraduate Student Affinity Group - American Association of Geographers
Position: *Chair*

2019-2020 UF Ronald E. McNair Scholars Program – Ambassadors
Position: *Vice-President*

PROFESSIONAL MEMBERSHIPS, AND HONOR SOCIETIES

Florida Society of Geographers (2019-present)
Golden Key Honor Society (2018-present)
American Association of Geographers (2018-present)
Southeastern Division of the American Association of Geographers (2018-present)

AWARDS

United States Geospatial Intelligence Foundation Scholar (2019-2020)	$5000
Ronald E. McNair Scholar (2019-2020)	$2800
SEDAAG Merle C. Prunty Award (2019)	$500
NSF Geopaths Alumnus Study Abroad Scholarship (2019)	$2500
Floyd-Gehan Scholarship (2019)	$1000
SEDAAG *Best Undergraduate Poster in Physical Geography* (2018)	$250
NSF Geopaths Fellow (2017)	$5000

EXPERIENCE

2018-present University of Florida, Department of Geography
Position: *Research Assistant*
- Complete data processing assignments promptly
- Assist my peers with GIS analysis and visualization
- Create maps and data visualizations for presentation

2018-2019 Florida Master Naturalist Program (FMNP)
Position: *Program Assistant*
- Assisted with administrative duties such as: updating databases, editing/uploading videos
- Designed program impact report
- Created maps and data visualizations
- Assembled and framed graduate certificates

2019 Study Abroad – Peru
- Studied physical and cultural geography
- Conducted research on sediment angularity in Incan Aqueducts in Urubamba, Sacred Valley, Peru
- Completed fieldwork/coursework for GEO2905 (Independent Study)

2018 University of Florida
Position: NSF Geopaths Undergraduate Research Peer Mentor
- Assisted research mentor in communication with my peers
- Helped students in their research

2017 Orlando Science Center
Position: Intern
- Created geoscience curriculum/experiments for teacher professional development in Orange County, FL middle schools
- Interpreted meteorological phenomena to various age groups
- Assisted science center guests with hands-on science experiments

2017 Study Abroad – Costa Rica
- Studied physical geography and ecology in an immersive setting
- Conducted research on sunlight and moss growth
- Completed fieldwork/coursework for GEO2200C (Physical Geography)

CONFERENCE PROCEEDINGS AND PRESENTATIONS DELIVERED

VanSchoick, S. and Matyas, C. J. 2019. Quantifying Rainfield Characteristics in Tropical Cyclones Originating over the Southwest Indian Ocean and Mozambique Channel, SAEOPP Ronald E. McNair/SSS Research Conference, Atlanta, GA.

Matyas, C. J. and VanSchoick, S. 2018. Spatial analysis of rain rates for tropical cyclones affecting Madagascar and Mozambique, 32nd Conference on Hydrology, Austin, TX 7 pp.

VanSchoick, S. and Matyas, C. 2018. Analyzing Spatial Extent and Intensity Patterns of Tropical Cyclones Affecting Madagascar and Mozambique, delivered at the Southeastern Division of the American Association of Geographers annual meeting, November 18, Johnson City, TN. (**Winner Best Undergraduate Poster-SEDAAG 2018**)

VanSchoick, S., and Matyas, C. 2017. Examining rain rates in tropical cyclones affecting Madagascar and Mozambique, delivered at the 2017 Santa Fe College Honors Symposium, December 1, Gainesville, FL.