

Michael T. Self

PhD Student

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EDUCATION

2025-Present	PhD Atmospheric Science, Texas A&M University
2022-2025	B.S. Meteorology, University of Florida
2022-2025	B.S. Geography, University of Florida

RESEARCH EXPERIENCE

2025	Graduate Research Assistant , Department of Atmospheric Sciences <i>Texas A&M University</i> Research Topic: Convection Initiation Mechanisms and their Contribution to the Evolution of Convection in the Houston Area Advisor: Dr. Christopher Nowotarski
2024	Undergraduate Researcher , National Severe Storms Laboratory <i>NOAA Ernest F. Hollings Scholarship Program</i> Research Topic: Comparison of Tornado Production from Merging and Isolated Supercells Mentor: Dr. Matthew Flourney – NOAA/OAR/NSSL

PROFESSIONAL EXPERIENCE

2024-2025	Meteorology Intern , Fire Neural Network
2023-2025	NOAA Ernest F. Hollings Scholar , NOAA Office of Education

PROFESSIONAL PRESENTATIONS

2025	“Comparison of Tornado Production from Merging and Isolated Supercells” American Meteorological Society 105th Annual Meeting, New Orleans, LA (<i>oral presentation</i>)
2025	“Comparison of Tornado Production from Merging and Isolated Supercells” American Meteorological Society 24th Annual Student Conference, New Orleans, LA (<i>poster</i>)

- 2024 “Comparison of Tornado Production from Merging and Isolated Supercells”
University of Florida Undergraduate Research Symposium, Gainesville, FL
(*poster*)
- 2024 “Comparison of Tornado Production from Merging and Isolated Supercells on
Several Convective Events”
American Meteorological Society 31st Conference on Several Local Storms,
Virginia Beach, VA (*poster*)
- 2024 “Comparison of Tornado Production from Merging and Isolated Supercells on
Several Convective Events”
NOAA 2024 Science and Education Symposium, Silver Spring, MD (*oral
presentation*)
- 2024 “Comparison of Tornado Production from Merging and Isolated Supercells on
Several Convective Events”
National Weather Center 2024 Summer Research Presentations, Norman, OK
(*oral presentation*)

Professional Memberships

- 2025-Present Society of Phi Beta Kappa
- 2021-Present American Meteorological Society
- 2017-Present Amateur Radio Relay League

Grants/Awards/Academic Honors

- 2025 Elected to the Society of Phi Beta Kappa
- 2024 Fall – Dean’s Honor Roll List, *College of Liberal Arts and Sciences,
University of Florida*
- 2024 Golden Gator Council Appointment, *University of Florida*
- 2024 Spring – Dean’s Honor Roll List, *College of Liberal Arts and Sciences,
University of Florida*

2023	NOAA Ernest F. Hollings Scholarship Program (\$19,000)
2023	Fall – Dean’s Honor Roll List, <i>College of Liberal Arts and Sciences, University of Florida</i>
2023	Spring – Dean’s Honor Roll List, <i>College of Liberal Arts and Sciences, University of Florida</i>
2021	Florida Academic Scholars Award “Bright Futures Scholarship” (\$26,000)

Leadership/Activities/Service/Volunteer Work

2023-Present	Board on Student Affairs, <i>American Meteorological Society</i> Student Outreach and Engagement Committee Member
2024-2025	Golden Gator Council, <i>University of Florida</i> Member
2024-2025	Gator Amateur Radio Club, <i>College of Engineering, University of Florida</i> Treasurer
2024	American Meteorological Society Gator Chapter, <i>University of Florida</i> President
2023-2024	Department of Geography, <i>University of Florida</i> Geography Ambassador
2023-2024	Gator Amateur Radio Club, <i>College of Engineering, University of Florida</i> Vice President
2022-2023	American Meteorological Society Gator Chapter, <i>University of Florida</i> Treasurer

Certifications

FCC Amateur Radio License – General (Callsign: KN4EOL)