

Michael T. Self

PhD Student

Texas A&M University, College Station, TX 77843

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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
Texas A&M University

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
NOAA Ernest F. Hollings Scholarship Program

Research Topic: Comparison of Tornado Production from Merging and
Isolated Supercells
Mentor: Dr. Matthew Flournoy – 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 (*oral presentation*)

2025 “Comparison of Tornado Production from Merging and Isolated Supercells”
American Meteorological Society 24th Annual Student Conference,
New Orleans, LA (*poster*)

- 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)