

Michael T. Self

Undergraduate Student

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EDUCATION

2025 B.S. Meteorology, University of Florida

2025 B.S. Geography, University of Florida

RESEARCH EXPERIENCE

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: Matthew Flourney – NOAA/OAR/NSSL

PROFESSIONAL EXPERIENCE

2024-Present **Meteorology Intern**, Fire Neural Network

2023-Present **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

- 2021-Present American Meteorological Society
- 2017-Present Amateur Radio Relay League

Grants/Awards/Academic Honors

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

Leadership/Activities/Service/Volunteer Work

2024-Present	American Meteorological Society Gator Chapter, <i>University of Florida</i> President
2024-Present	Golden Gator Council, <i>University of Florida</i> Member
2024-Present	Gator Amateur Radio Club, <i>College of Engineering, University of Florida</i> Treasurer
2023-Present	Board on Student Affairs, <i>American Meteorological Society</i> Student Outreach and Engagement Committee Member
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
2021	North Florida AMS/NWA Chapter, <i>Florida State University</i> Member

Certifications

FCC Amateur Radio License – General (Callsign: KN4EOL)