

Nicholas T. Humphrey

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Education

Ph.D. Emergency Management. North Dakota State University. Anticipated Graduation Date: December 2024. Adviser: Caroline Hackerott, Ph.D.

M.S Geosciences w/concentration in Applied Meteorology. Mississippi State University. Aug. 2016. Adviser: Jamie Dyer, Ph.D.

B.S. Interdisciplinary Studies. South Dakota State University. Dec. 2013.

Current Academic and Professional Positions

Graduate Writing Consultant. Center For Writers, North Dakota State University (Aug. 2022-present).

- Assisting and training graduate students (masters, doctoral) in their writing in various formats including: disquisitions, course papers, resumes, c.v. documents, grant statements, and job application packages.
- Workshop teacher (Writing the Discussion/Conclusion section)
- Graduate Consultant for undergraduate research writing activities (co-organizing workshops, reading groups)

Board Member. American Meteorological Society Board On Societal Impacts (Jan. 2022-present).

- Assisted in social media for 2022 AMS Weather Warnings and Communication Conference.
- Assisted in planning the 2024 AMS Weather Warnings and Communication Conference (Jan. 2023).

Past Academic and Professional Positions

Business Continuity/Crisis Management Adviser. KidCo. Children's Museum. Fargo, ND (Mar.-May 2023).

- Worked on a BCCM team, advising a small business on practices to improve continuity of business activities and planning for potential incidents. Co-authored a BCCM report for business.

Intern (Social Scientist). U.S. National Weather Service, Grand Forks, ND (Jan.-May 2023).

- Worked on projects for the office related to social vulnerability, identification of vulnerable populations and underserved communities/partners, providing guidance on identifying such populations, and improving weather communication and warnings.
- Wrote a document intended to train meteorologists on what social vulnerability is and the benefits of understanding it.
- Helped inform initial list of vulnerable populations/underserved partners submitted to NWS regional office as part of initiative to identify such groups within NWS county warning areas in September 2022.

Thesis Formatting Specialist. Learning and Applied Innovation Center, North Dakota State University (Aug.-Nov. 2021).

Lab Assistant. Neogen. Lincoln, NE (Oct. 2020-July 2021).

Forecast Meteorologist (remote position). Fire, Weather, and Avalanche Center. La Grande, OR (Oct. 2016-Apr. 2017; Oct. 2017-Apr. 2018).

Undergraduate Research Assistant. Geospatial Sciences Center of Excellence, South Dakota State University (Jan. 2013-Feb. 2014).

Research and Research Contributions

Humphrey, N. (2024). *Meteorologists' knowledge of human behavior during tornado warnings: An application of the protective action decision model.* [Dissertation - in progress]. North Dakota State University.

Jensen, J. (2023). Conceptualizing State Voluntary Organizations Active in Disaster (SVOAD) effectiveness. *Risk, Hazards, and Crisis in Public Policy.* <https://doi.org/10.1002/rhc3.12268>

- Research team participant. Conducted qualitative interviews with current and former SVOAD leaders. Performed data analysis by thematic coding of transcripts.

Humphrey, N. (2016). *An investigation of the relationship between tropical cyclone size and observed sustained wind speeds along the northern Gulf Coast of the United States* [Unpublished master's paper]. Mississippi State University.

Humphrey, N. (2013). *Understanding human decision-making and behavior during tornado warning events: An interdisciplinary analysis* [Unpublished undergraduate thesis]. South Dakota State University.

Fellowships and Awards

Stipend Recipient. Received stipend for participation in meeting with grantees and representatives of the Margaret A. Cargill Philanthropies at the 2023 Natural Hazards Workshop (May 2023).

Doctoral Fellow. William Averette Anderson Fund for Hazard and Disaster Mitigation and Research (Sep. 2022).

Mancur Olson Graduate Fellow. Sheila and Robert Challey Institute for Global Innovation and Growth, North Dakota State University (Aug. 2022-May 2023).

Association Memberships

American Meteorological Society

International Association of Emergency Managers