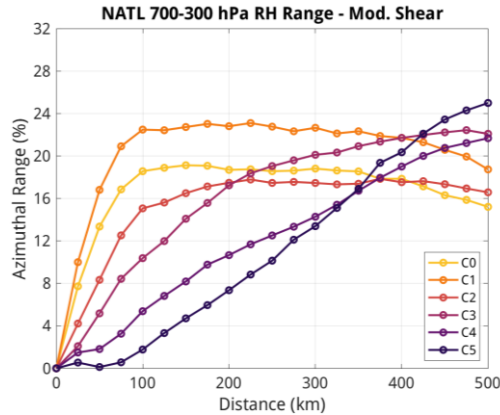


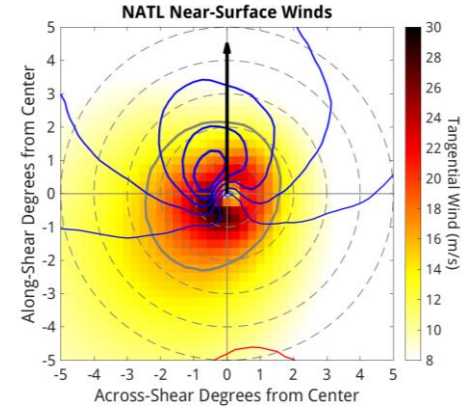
Graduate Research Assistantship - Fall 2025

Topic

Tropical cyclones and other organized convective systems in climate models



Atlantic tropical cyclone humidity and wind asymmetry in a global climate model



Full Description

Prof. Jake Carstens at the University of North Dakota is seeking a Master's or Ph.D. student for a funded research assistantship.

This project investigates tropical cyclone structure and processes simulated in global climate models. The scope of the research may be expanded to other modes of organized convection, including mesoscale convective systems and equatorial waves.

Opportunities exist to collaborate with researchers at Penn State University and climate model developers.

Qualifications

- **Required:** Bachelor's degree in Atmospheric Science or a related field, earned prior to August 2025
- **Preferred:** Programming experience; familiarity with numerical modeling; interest in tropical meteorology and/or climate science; strong interpersonal and communication skills

Application Info

- Contact jacob.carstens@und.edu with the following: **(1)** a 1-2 page statement of interest, describing any prior research experience and your goals/motivation for a graduate education; **(2)** an updated resume/CV; **(3)** an unofficial transcript
- Apply by **Saturday, February 1** at und.edu/admissions/graduate/apply.html



Department/Advisor Info

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