

Gregory James Nordstrom

Seasoned professional meteorologist experienced in applied meteorology, operational forecasting, and storm chasing

Education

Mississippi State University – (M.S. Degree May 2007)

- Major: Geosciences with a concentration in Operational Meteorology – 4.00 GPA overall
- Thesis defended January 2007
- An investigation of thermodynamic characteristics associated with California tornadoes and United States landfalling tropical cyclone tornadoes

Mississippi State University – (B.S. Degree December 2003)

- Major: Geosciences with a concentration in Broadcast Meteorology – 4.00 GPA in Meteorology
- Minor: Communications

Professional Experience

Mississippi State University – On Campus, Starkville, MS *Instructor, Meteorology*

Aug 2013 – Present

- Currently teaching Forecasting I (Fall) and Forecasting II (Spring)
- Taught Intro to Meteorology (Spring - 2014)
- Develop and execute weather briefings, lectures, assignments, case studies, and tests to promote meteorological learning in an applied hands on approach
- Develop and execute real time weather forecasting in a lab setting using teleconnections, ensembles, weather models, soundings, Raw vs. MOS, and the software program Bufkit
- Assist student storm chasing field work across the Deep South United States

Mississippi State University – Distance Learning, Starkville, MS *Instructor/Lecturer, Meteorology*

May 2007 – Present

- Currently teaching Weather Prediction I/II, Numerical Weather Prediction, Intro to Meteorology, and Physical Geography
- Taught Applied Climatology, Climatology, Severe Weather, and Satellite Meteorology
- Develop and execute weather briefings, lectures, assignments, and tests to promote meteorological learning in an applied hands on approach via online learning
- Assist BMP/OMP capstone summer workshop
- Assist graduate student storm chasing field work capstone classes across the Great Plains
- Assist graduate student field work capstone classes to Yellowstone National Park/Sierra Nevada

Mississippi State University – Atoms2xp, Starkville, MS

May 2007 – Present

- A program that deepens the content knowledge, pedagogical skills, and technology-integration skills of Mississippi fifth through eighth grade science teachers
- The goal of Atoms2xp is to increase the number of highly qualified teachers in the state and increase the academic achievement levels among the students of those teachers
- Teach middle school science teachers across the state of Mississippi

Mississippi State University, Starkville, MS *Teaching Assistant, Meteorology*

August 2004 – April 2007

- Assisted several PhD meteorologists with teaching and grading of Forecasting I, Forecasting II, Thermodynamic Meteorology, Advanced Thermodynamic Meteorology, Severe Weather, Synoptic Meteorology, Applied Climatology, and Intro to Meteorology
- Performed numerous school weather presentations across Mississippi to second through eighth grade students

North American Collegiate Weather Forecasting Competition

September 2001 – 2012

- Team National Titles 2008-2009, 2009-2010, 2010-2011
- Individual National Title 2005-2006 (Graduate Division)
- Finished 5th overall in the country 2010/2011 (5 out of 1816 forecasters)
- Finished 16th overall in the country 2009/2010 (16 out of 1843 forecasters)
- Finished 7th overall in the country 2008/2009 (7 out of 1622 forecasters)
- Finished 14th overall in the country 2007/2008 (14 out of 1512 forecasters)
- Finished 9th overall in the country 2006/2007 (9 out of 1596 forecasters)
- Finished 10th overall in the country 2005/2006 (10 out of 1066 forecasters)
- Finished 20th overall in the country in 2004/2005 (20 out of 1110 forecasters)
- Mississippi State's number one student forecaster (2001/2002, 2002/2003)

President, East Mississippi Chapter of the NWA/AMS, Starkville, MS April 2005 – April 2006
Graduate Student

- Organized the 5th annual Southeast Severe Storms Symposium
- National Weather Association Chapter of the Year (2005)

Internship WTTG Channel 5, Washington, D.C.
Undergraduate Student

May 2002 – October 2003

- Assisted Chief Meteorologist, Sue Palka
- Assisted in weather production and forecasting of Evening/Nightly News segments
- Forecasted and provided public advisory for the Washington D.C. region (Paid), in advance of Hurricane Isabel's September 2003 landfall

Internship WUSA Channel 9, Washington, D.C.
High School Student

January 1997 – June 1997

- Assisted Chief Meteorologist, Doug Hill
- Assisted in weather production and forecasting of Evening News segments

Additional

- President's Scholar
- Dean's Scholar
- Certified Disaster Services with the American Red Cross
- Certified Advanced Storm Spotter for Mississippi and Alabama
- Faculty Advisor, East Mississippi Chapter of the NWA/AMS (2013-Present)
- Storm Chaser, North Mississippi Severe Storms Intercept Team (2001-2007)
- Member, East Mississippi Chapter of the NWA/AMS (2000-2007)
- Fluent with Bufrkit, RAOB, Grlevel3, and GR2Analyst software
- Fluent with Windows and MAC-based operating systems
- Expertise in managing blog, video, photo and social network platforms