

Bradford Scott Barrett

ADDRESS:

Work

School of Meteorology
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PERSONAL:

Born 24 September 1979 in Goldsboro, North Carolina

EDUCATION:

M.S., Meteorology, University of Oklahoma, May 2004. Advisor: Dr. Lance Leslie. Thesis title: *Improving tropical cyclone track forecasts using climatology*

B.Sc., Business Administration, Highest Distinction, University of North Carolina at Chapel Hill, May 2001. Minor: Geography

PROFESSIONAL EXPERIENCE:

August 2005 – present:	Fulbright Scholar, Caribbean Institute for Meteorology and Hydrology, Barbados
May 2002 – August 2005:	Graduate Research Assistant, University of Oklahoma
August 2004 – December 2004:	Course Instructor, University of Oklahoma
May 2004 – June 2004:	Research Associate, University of Massachusetts, with Dr. Howard Bluestein, Norman, Oklahoma
June 2003 – August 2003:	Naval Research Enterprise Intern, Naval Research Laboratory, Monterey, California
August 2001 – May 2002:	Graduate Teaching Assistant, University of Oklahoma

AWARDS:

- 2005: J. William Fulbright Scholar Award*
- 2005: Faculty recognition for Outstanding Performance as a Graduate Student, School of Meteorology
- 2004: Director's Award for Service to Department, School of Meteorology
- 2003: Naval Research Enterprise Intern*
- 2002: Teaching Assistant of the Year, School of Meteorology

* Nationally competitive awards

RESEARCH FIELDS:

Tropical cyclones
Climatology
Numerical weather prediction
Boundary layer

COURSES TAUGHT:

- METR 2603: Severe and Unusual Weather, 90 students (Fall 2004)
- METR 1014: Introduction to Meteorology, laboratory sections, 25 students, (Fall 2001, Spring 2002)

REFERRED PUBLICATIONS:

- Barrett, B. S., L. M. Leslie, and B. H. Fiedler, 2005: An example of the value of strong climatological signals in tropical cyclone track forecasting: Hurricane Ivan (2004). *Monthly Weather Review*, in press.

NON-REFERRED PUBLICATIONS:

- Barrett, B. S., and L. M. Leslie, 2005: An examination of the quality of the Atlantic tropical cyclone database. Preprints, *16th Conference on Climate Variability and Change*, San Diego, CA, Amer. Meteor. Soc. 1.30.
- Barrett, B. S., L. M. Leslie, and C.-S. Liou, 2004: Relationship between climatology and model track, bearing, and speed errors. Preprints, *20th Conf. on Weather Analysis and Forecasting/Sixteenth Conf. on Numerical Weather Prediction*, Seattle, WA, Amer. Meteor. Soc. 13.6.

CONFERENCE PRESENTATIONS:

Barrett, B. S., and L. M. Leslie, 2004: Tropical cyclone forecasting using climatology and NWP output. *26th Conf. on Hurricanes and Tropical Meteorology*, Miami, FL, Amer. Meteor. Soc. 5C.3.

Barrett, B. S., and L. M. Leslie, 2003: Improving landfall forecasts for tropical cyclones moving parallel to the coastline. *12th Conf. on Interactions of Sea and Atmosphere*, Long Beach, CA, Amer. Meteor. Soc., 8.2.

SERVICE ACTIVITIES:

Professional Society: Reviewer, AMS journal

Department: Student Affairs Committee, 2003-present (Chair, 2004)
Visiting Students Weekend committee, 2003-present
Student representative at Faculty meeting, 2003-2004
Department tour guide (given over 100 tours), 2003-present
Oklahoma Weather Lab, shift leader 2001-2003

Community: Children's Miracle Network Telethon, volunteer 1995-2001
North Carolina Future Business Leaders of America, state conference volunteer, 1999-2001
College group team leader, Wildwood church, 2002-present
Bible study co-leader, Wildwood church, 2004-present

PERSONAL HOBBIES:

Jogging: Four marathons completed (Chicago 2002, 2003; Top of Utah 2004; Oklahoma City 2005), 3:39 fastest time
Mountain climbing: Pikes Peak, CO; Mt. Washington, NH, and others
Travel: Visited all 50 U.S. states