

NICHOLAS A. ENGERER

OBJECTIVE - To obtain an excellent doctorate level education in a field of meteorology and pursue a career in the professoriate

EDUCATION

Masters of Science in Meteorology – University of Oklahoma, Norman, OK, May 2010 (Expected)

- Research of tornadogenesis through numerical modeling of supercells with focus on vorticity budgets of air parcels

Bachelor of Science in Meteorology – Summa Cum Laude, Ohio University, Athens, OH, June 2008

- Cumulative GPA: 3.95 | field of study: 4.0 | Math minor: 3.917 | Physics minor: 4.0 | GRE: V 630 | M 710 | W 5.5

RELEVANT GRADUATE COURSEWORK

- **Adv. Atmospheric Dynamics** | **Adv. Mesoscale Dynamics** | **Objective Analysis**

PUBLICATIONS & PRESENTATIONS

Engerer, N.A., D.J. Stensrud, and M.C. Coniglio, 2008: Surface Characteristics of Observed Cold Pools. *Mon. Wea. Rev.*, **136**, 4839–49.

July 26, 2007: Observed Characteristics of Mesohighs. *National Weather Center Seminar*, Norman, OK, NOAA.

August 2, 2007: Observed Characteristics of Mesohighs. *Hollings Student Conference*, Silver Spring, MD, NOAA.

AWARDS/HONORS

National Defense Science and Engineering Graduate Fellowship | **AMS Graduate Fellowship Nominee** | **AMS Mark J.**

Schroeder Endowed Scholarship in Meteorology | **The Regina L. Bloemberg Scholarship in Geography** - Ohio University

Outstanding Undergraduate Scalia Scholar - Ohio University | **Ernest F. Hollings Undergraduate Scholarship Program** –NOAA

AccuWeather Undergraduate Scholarship in Meteorology - National Weather Association | **The Olive Emler Ross Scholarship in**

Geography - Ohio University | **Presidential Scholar** - Ohio University | **Dean's List** – Ohio University

PROFESSIONAL EXPERIENCE

Hurricane Ike Mobile Radar Deployment - University of Oklahoma, OK, September 2008

- Mobile dual-polarization radar deployment to sample Hurricane Ike during landfall. Lead by Dr. Mike Biggerstaff

Weather Research and Forecast Model Workgroup - Ohio University, Athens, OH, 2006-2008

Associate Director – Scalia Laboratory, Ohio University, Athens, OH, Summer 2008

Weather Systems Administrator – Scalia Laboratory, Ohio University, Athens, OH, 2007-2008

National Severe Storm Laboratory Intern – National Weather Center, Norman, OK, Summer 2007

Undergraduate Teaching Assistant – Introductory Meteorology Course, Ohio University, Athens, OH, Winter 2007

Weather Forecaster – Scalia Laboratory, 2006-2007

WOUB Weather Coordinator – WOUB Radio and Television News, Athens, OH, 2006-2007

Head Manager – Crystal Lake Development Corp., Silver Lake, OH, Summer 2006

SKILLS

- UNIX environments | C, C++, FORTRAN | GrADS | Perl | ArcGIS | ARPS & WRF Modeling | HTML,CSS,PHP

AFFILIATIONS

Phi Beta Kappa - 2006-present

Ohio University Meteorology Club - 2005-2008

- President 2007-2008 | V. President 2006-2007

NWA Student Member - 2006-2007

AMS Student Member - 2005-present

WOUB Television News - 2004-2007

REFERENCES

Professional

Dr. David Stensrud
National Severe Storms Laboratory, Room 4368
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Academic

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