

Angelyn G. Kolodziej

Current

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Permanent

1500 Reston Dr.
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Residence: (972) 783-1454

Education:

University of Oklahoma, Norman OK
Masters of Science in Meteorology
Bachelor of Science in Meteorology

Expected Graduation Date: Dec 2009
Graduation Date: May 2007

Graduate Experience:

National Severe Storms Laboratory, Norman OK

May 2007-present

Research Assistant

-Thesis: building a climatology of severe weather hazards and determining probabilities for specific hazards (i.e. tornadoes/hail) based on storm types

Experimental Warning Program cognizant scientist

April-May 2008

-Facilitator for the Hazardous Weather Testbed Spring Experiment
-Helped guide forecasters, researchers, and other specialists on the Phased Array Radar and experimental warnings

Undergraduate Experience:

National Severe Storms Laboratory, Norman OK

May 2006-May 2007

-Assisted with the Severe Hazards Verification Experiment (SHAVE) and analyzed the gathered data

University of Oklahoma, Norman OK

-Capstone Research Project: Analysis of hailstorms using SHAVE data
-Compared actual hail sizes with the Hail Detection Algorithm and looked for hail fall patterns along storm track

Computer Experience: Unix/Linux, Windows; Perl, Matlab, S-Plus, C, Python, LaTeX, HTML

Activities and Organizations:

National Weather Center Tour Guide

2006-present

American Meteorological Society

2005-present

AMS Student Conference Planning Co-Chair

2009-present

AMS Student Conference Planning Committee Member

2008-present

Oklahoma Student Chapter of the American Meteorological Society

Vice-President

2006-2007

President

2007-2008

Graduate Representative

2008-present

Pride of Oklahoma, University marching band

2003-2005

Lutheran Student Fellowship

Member

2003-present

Secretary

2004-2006

Honors:

Dean's List

2003-2007

Scholarships: OU Club of Dallas, OU School of Meteorology

Honors Societies: Alpha Lambda Delta, National Society of Collegiate Scholars, Gamma Beta Phi, Golden Key

Conference Papers:

Ortega, K. L., **A. G. Kolodziej**, J. Young, C. J. Wilson, A. Witt, and T. M. Smith, 2008: Evaluating hail diagnosis techniques using high resolution verification. Preprints, 24th Conf. on Severe and Local Storms, Savannah, GA, Amer. Meteor. Soc., P6.5.

Scharfenberg, K. A., T. M. Smith, C. Legett, K. L. Manross, K. L. Ortega, **A. G. Kolodziej**, 2008: NSSL's prototype enhanced severe thunderstorm database. Preprints, 24th Conf. on Interactive Information Processing Systems, New Orleans, LA, Amer. Meteor. Soc., 5C.1.

Smith, T. M., K. L. Ortega, and **A. G. Kolodziej**, 2007: Enhanced, high-density severe storm verification. Preprints, 23rd Conf. on Interactive Information Processing Systems, San Antonio, TX, Amer. Meteor. Soc., 4B.3.

References:

Available upon request