

Charles Kuster

2500 Asp Ave. Traditions F 103D
Norman, OK 73072
(970) 485-4217
ckuster1@ou.edu
<http://weather.ou.edu/~ckuster/>

Education

University of Oklahoma (F2009-present)

Major: Meteorology

Minor: Math

Colorado State University (SP2008-SP2009)

Major: Physics

University of Nebraska (F2007)

Major: Meteorology

Cumulative GPA: 3.78

Major GPA: 3.90

OU GPA: 3.94

Current courses: METR 4133, METR 4233, METR 4424, METR 4443, METR 4911

Experience/ Employment

Holling's Internship, NWS Norman:

Dates worked: 6/2011-7/2011

Description: Analyzed radar data and warning information for tornadoes associated with multiple storm modes in central Oklahoma. Research culminated in a presentation and paper.

OU/SPC Career Experience Internship:

Dates worked: 1/2011-5/2011

Description: Analyzed radar data for a research project dealing with environments that support multi-modal supercell mobility. Radar data, severe weather reports, and shear parameters were collected and analyzed culminating in the completion of a research paper.

Colorado Climate Center:

Dates worked: 10/2008-05/2009

Description: Hail pad analyst, data quality control manager. My job entitiled analyzing over 500 hail pads. This included determining number of hail stones, size of stones, consistency (hard or soft), angle of impact, and picturing the hail pad. I also checked CoCoRaHS data for the entire country and corrected any errors in the reports.

National Mining Hall of Fame and Museum:

Dates worked: 07/2008-current

Description: Front desk/gift shop attendant.

Awards/ Leadership

2010 Ernest F. Hollings Scholarship Recipient

3rd Place Hollings Research Presentation – Washington D.C. (Aug. 2011)

OWL Director of Operations (2011-2012)

Duties include training shift leaders, organizing forecast shifts, producing speacialized weather briefings, and ensuring that the operations side of the Oklahoma Weather Lab runs successfully.

OWL shift leader (2010-2012)

Duties include teaching shift members about forecasting and producing various forecast products.

Hoot Deputy Director of Development (2010-2011)

Duties include administrative support for the programming branch of the Oklahoma Weather Lab

Activities

University of Oklahoma: OUSCAMS, Oklahoma Weather Lab, Hoot, NWC tour guide, CoCoRaHS county coordinator, SKYWARN spotter, WxChallenge (ckustr)

Colorado State University: CoCoRaHS county coordinator, SKYWARN spotter

University of Nebraska-Lincoln: American Meteorological Society, CoCoRaHS (Community Collaborative Rain, Hail and Snow Network) county coordinator, SKYWARN spotter, club ultimate Frisbee

Special Skills

AWIPS, radar data analysis experience, data quality control experience, hail data analysis experience, limited HTML, Matlab, and Python programming, Excel