

# Academic Resume

Allan Clayton Curtis

## CAMPUS:

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## PERMANENT:

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## EDUCATION

Bachelor of Sciences Degree  
*Major:* Meteorology/Climatology  
GPA: 3.7/4.0

Graduation Date: May, 2009  
*Minor:* Mathematics  
University of Nebraska-Lincoln

## COURSE WORK – METEOROLOGY/CLIMATOLOGY

Weather and Climate  
Dynamic Meteorology I  
Synoptic Meteorology I  
Physical Meteorology  
Basic and Applied Climatology  
Physical Climatology  
Regional Climatology  
Radar Meteorology  
Honors Course: Independent Research

Intro to Atmospheric Sciences  
Dynamic Meteorology II  
Synoptic Meteorology II  
Satellite Meteorology  
Severe Storms  
Microclimate – Biological Environment  
Climate: Past, Present and Future  
Internship: Meteorology/Climatology

## ACADEMIC HONORS, AWARDS and SCHOLARSHIPS

University Honors Program  
Graduation with Distinction  
Dean's List, College of Arts and Sciences, College of Engineering – Four Semesters  
University of Nebraska-Lincoln Regents Scholar  
R. Parker & M. Eastwood Scholarship  
Valmont Industries Leadership Grant

## RESEARCH EXPERIENCE

Independent Honors Program Research - 2006

Project: Global Warming in Nebraska?

Summary: Research for evidence for or against a warming or cooling climate throughout the State of Nebraska.

Supervising Faculty: Dr. Merlin Lawson

UCARE – Undergraduate Creative Activities and Research Experiences – 2007-2008

Project: Airport Climatologies

Summary: The combining of various meteorological and climatological data in attempt to create a viable and useful climatology for amateur pilots.

Supervising Faculty: Dr. Merlin Lawson

UCARE – Undergraduate Creative Activities and Research Experiences – 2008-2009

Project: “ENSO Relationships to Tornado and Hail Reports in the North Dakota through Texas Corridor”

Summary: Attempt to extrapolate relationships between ENSO phases and severe weather

reports in North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas. Relationships are being looked at both on an individual state level and as a grouping.

Supervising Faculty: Dr. Merlin Lawson

## **LANGUAGE SKILLS**

Spanish

## **INTERNATIONAL TRAVEL**

England, Ireland, Canada, Mexico

## **VOLUNTEER EXPERIENCE**

*Booth Organizer – High Plains Regional Climate Center, Central Plains Severe Weather Symposium, Spring 2008, Spring 2009*

*Planning Committee, Central Plains Severe Weather Symposium, Fall 2008 through Spring 2009*

*Student Volunteer, Dinosaurs and Disasters, Spring 2007, Spring 2008, Spring 2009*

*Volunteer Worker, Weather Forecast Office – Omaha/Valley, Spring 2009*

## **CAMPUS SERVICE ACTIVITIES**

*President, University of Nebraska-Lincoln American Meteorological Society Chapter, Fall 2008 through Spring 2009*

*Undergraduate Organizer, Annual Program Review Committee – Meteorology/Climatology Program, Fall 2008*

*Planning Committee, Central Plains Severe Weather Symposium, Fall 2008 through Spring 2009*

*University Health Aide, University Health Center – UNL, Fall 2006 through Spring 2007*

*Member, University of Nebraska-Lincoln American Meteorological Society Chapter, Fall 2005 through Current*

*Resident Hall Government Member, University of Nebraska-Lincoln, Fall 2006 through Spring 2007*

## **MAJOR RELATED WORK EXPERIENCE**

*Student Intern, High Plains Regional Climate Center – University of Nebraska-Lincoln, Lincoln, NE, October 2007 through Current*

- Consisted of climatological data orders, website management, maintenance of automated weather data network, data quality control, outreach

*Climate Summary Creator, High Plains Regional Climate Center – University of Nebraska-Lincoln, Lincoln, NE, May 2008 through August 2008*

- Created the Climate Summary publications for the High Plains Region (North Dakota, South Dakota, Nebraska, Kansas, Colorado, Wyoming)
- See <http://hprcc.unl.edu> for more information