Outline

- SCEP Program
  - Benefits
  - Requirements
  - Good Qualities to have
- My Experience
  - What I do
  - What I have learned so far
SCEP Program Benefits

- **Student Career Experience Program through the NWS**
  - Can be for either undergraduate or graduate students
- **Provides valuable work experience directly related to your field of study**
- **Work alongside forecasters and hydrologists either at:**
  - WFO
  - RFC
  - Regional Headquarters
  - NWS Support Centers
    - Aviation Weather Center
    - Storm Prediction Center
- **Paid 1-year internship**
- **Government Benefits**
- Allows for great social networking with forecasters
- Learn and become a part of NWS programs
- Learn the duties of forecasters, data acquisition, and upper air
- directly relates to the student's educational program and career goals
- Training Modules on Atmospheric Processes
- May be non-competitively a full-time position with NWS
Requirements

- US Citizen
- Minimum 2.0 GPA overall, 2.5 GPA in major
- 640 hrs of work experience before graduation
- Current college enrollment at least part-time
- Majoring in meteorology or some sort of atmospheric science
- Be considered a student at a university while doing the SCEP appointment
- Good with computers
Good Qualities

- Diverse Skills
  - Computers
    - Operating systems (Windows, Linux, Macintosh)
    - Programming (Java, C++, etc.)
    - Web Design
    - Pretty much any computer skill you have is a plus!
  - GIS Knowledge
  - Math
  - Communication Skills
    - Able to work with anyone and talk to anyone!!
My Experience

- Began in Aug ‘09 at Lincoln WFO
- Considered a student trainee at the office
- Involved in many programs
  - COOP Program
  - CoCoRaHS
  - Upper Air
  - GIS team
- Working part time (20 hrs)
  - 3 days/wk
- Duties / Day Distribution
  - Day 1 = Training
  - Day 2 = COOP Duties/Training
  - Day 3 = Operational shift
- Training Day (modules)
  - NWSTC (NWS Training Center)
  - Cooperative Program for Operational Meteorology, Education and Training (COMET)
  - Meteorology Education and Training (MetEd)
- Day 2 = COOP Program
  - Official National Weather Observation Program
  - Maintenance trips
  - Picture updates / WxCoder updates
- Day 3 = Operational shift
  - Upper Air Balloon Launch
  - Quality Control river gauges, METAR observations, COOP observations
  - Send out Local Storm Reports (LSR’s)
  - Answer phone for COOP call-ins
  - Write the Regional Weather Summary (RWS)
  - Measure rainfall, cloud cover, snowfall, snow depth every 6 hrs
- Programs learned
  - AWIPS
  - GFE
  - RRS
  - Hydroview
  - Riverpro
  - CRS (NOAA Weather Radio)
Conclusion

- **Useful Links**
  - [http://www.crh.noaa.gov/lot/?n=students](http://www.crh.noaa.gov/lot/?n=students)
  - [http://www.education.noaa.gov/students.html#Top](http://www.education.noaa.gov/students.html#Top)
  - [http://www.srh.noaa.gov/jetstream/nws/careers.htm](http://www.srh.noaa.gov/jetstream/nws/careers.htm)
  - [www.cmc.edu/csc/Documents/FederalAgencyInternships.xls](http://www.cmc.edu/csc/Documents/FederalAgencyInternships.xls)

- **SCEP Application**
  - Received e-mail about this program
  - Due Feb 15, 2010

- **For more info**
  - E-mail: [NWS.scep-reply@noaa.gov](mailto:NWS.scep-reply@noaa.gov)
  - I may be able to help as well and can e-mail me at:
    - Tl-gross@wiu.edu