

Warren E Pettee
Applications Programmer, NOAA High Plains Regional Climate Center

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EDUCATION

- M.S. *Earth Science focusing in Meteorology*, Department of Geography and Earth Science, University of North Carolina at Charlotte (In Progress)
- B.S. *Meteorology*, Department of Geography and Earth Sciences, University of North Carolina at Charlotte (2015)

PROFESSIONAL EXPERIENCE

- 2017-present *Applications Programmer*, NOAA High Plains Regional Climate Center, School of Natural Resources, University of Nebraska-Lincoln
- 2015-2017 *Graduate Teaching Assistant*, Department of Geography and Earth Science, University of North Carolina at Charlotte
- 2015 *Assistant Airport Manager*, Rockingham County – Shiloh Airport
- 2014-2015 *Undergraduate Research Assistant*, Department of Geography and Earth Science, University of North Carolina at Charlotte
- 2012-2014 *Aviation Maintenance Technician Assistant*, Dynamic Mechanic LLC
- 2012 *Aviation Maintenance Technician Assistant*, Causey Aviation

GRANTS

(Collaborator) *Bringing AWIPS-II to the Meteorology Program at the University of North Carolina at Charlotte*, Submitted to the Unidata Program at the University Corporation for Atmospheric Research, \$19852, May 2015 – May 2016, Brian Magi, Proposal was not funded.

PRESENTATIONS

Abstracts for Professional Meetings

A Statistical Method of Fog Forecasting in North Carolina. Graduate Research Symposium, Charlotte, NC, March 2017.

Simulating the February 2014 North Carolina Snow Event. American Meteorological Society Student Conference, Phoenix, AZ, January 2015.

Simulating the February 2014 North Carolina Snow Event. Summer Research Symposium, Charlotte, NC, July 2014.

A Latitudinal Analysis of Selected Study Abroad Climatologies. Undergraduate Research Symposium, Charlotte, NC, April 2014.

PROJECTS

2017 *ACIS Map Software Upgrade*, High Plains Regional Climate Center

2016 *USGS Data Grabber*, University of North Carolina at Charlotte

2014-2017 *Campus Weather Portal*, University of North Carolina at Charlotte

2014-2017 *Campus Meteorological Data Network*, University of North Carolina at Charlotte

2013 *Automated Weather Research and Forecasting Model System*, University of North Carolina at Charlotte

TEACHING EXPERIENCE

Seminars/Workshops:

- Python Workshop
- Real-time Forecasting Exercise
- Student Organization of Meteorology: Forecasting Series

HONORS AND AWARDS

- Graduate Teaching Assistantship Recipient (2015-2016)
- Unidata Users Workshop Travel Grant Recipient (2015)
- Undergraduate Research Assistantship Recipient (2014)
- Charlotte Research Scholar, University of North Carolina at Charlotte (2014)

SPECIAL SKILLS AND TRAINING

Licensing:

- *Private Pilot*, Federal Aviation Administration Certified (2012)

Programming:

- Python, FORTRAN, HTML, Javascript, PHP, NCL, C++

Training:

- IS 100, 200, 700, 800, Federal Emergency Management Agency

SERVICE AND OTHER PROFESSIONAL ACTIVITIES

- *Student Member*, Aviation, Range, and Aerospace Meteorology Committee, American Meteorological Society (2017-Present)
- *System Administrator*, Meteorological Data Network and Campus Weather Portal, University of North Carolina at Charlotte (2014-2017)
- *Student Member*, Unidata Users Committee, Unidata Program, University Corporation for Atmospheric Research (2015-2017)
- *Coordinator*, Charlotte WeatherFest, University of North Carolina at Charlotte (2015, 2016, 2017)
- *Coordinator*, Emergency Management Forecasting Group, University of North Carolina at Charlotte (2015-2017)
- *Contributor*, Keeping Watch Air Quality Project (2016)
- *Co-Host*, “Skytalk”, Radio Free Charlotte, University of North Carolina at Charlotte (2013-2014)
- *Member*, American Meteorological Society (2012-Present)
- *Member*, Aircraft Owners and Pilots Association (2012-Present)