Gregory M. Porter

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**Education**

* Boston Latin School. Honors Society (1997-2001)
* University of Massachusetts Lowell: Cum Laude (2011-2014)
  + Atmospheric Science Concentration with courses in:
    - Tropical Meteorology, Satellite and Radar Meteorology, Atmospheric Dynamics, Air Pollution Phenology, Forecasting and Synoptic Meteorology, Space Weather/ Remote Sensing, Geochemistry
* University of Maryland (2014-Present)
  + MS Atmospheric Science with courses in
    - Atmospheric Dynamics, Radiative Transfer, Data Assimilation and Modeling Techniques
    - Research Advisor: Dr. Daryl T. Kleist

**Meteorology**

* Graduate Research Assistant University of Maryland (June 2015-Present)
  + Project utilizes GSI (Grid point Statistical Interface) software to test senatitivity of increased aviation observations from the Panasonic TAMDAR units. Attainable goals include operational introduction of TAMDAR observations within NCEP’s GFS (Global Forecast System) model.
  + Recipient NSF grant to attend NCAR Frontiers in Ensemble Data Assimilation Conference in Summer 2015 in Boulder, CO
* Teaching Assistant University of Maryland (August 2014-May 2015)
  + Lead discussion and lab sections for ASOC 200 Weather and Climate undergraduate course.
  + Achieved in class teaching experience, lesson plan creation and project and test creation
* NWS Boston Intern (May 2014-August 2014)
  + Summer project included work on the forecast office internal wiki page and utilizing HTML to update various internal office resources.
  + Able to participate in real time short and long range forecast creation via AWIPS and forecast discussion writing.
* Weather intern WCVB 5 Boston (2013-2014)
  + Project
  + Working with chief meteorologist Harvey Leonard. Mentored in forecasting techniques. Prepared on air graphics and social media content

- Weather Intern WFXT 25 Boston ( 2013-2014)

* + Working with chief meteorologist Kevin Lemanowitz to prepare on air graphics, website content and on air forecasts.
* Official Observers for Boston Marathon (2012-2014)
  + Worked in BAA 2013 media center at finish line collecting data from 5 teams along the route. Reported data to BAA and media
* Author Northeast Weather Rants. (2010-Present)
  + Blog containing personalized forecasts and science based content. Over 500 followers including several Boston on air meteorologists, the National Weather Service in Taunton and UMass Lowell administration. Mentioned several times in on air forecasts.
* Web Director for UMass Lowell Weather Center (2011- 2014)
  + Coordinator of daily student forecasts and web page maintenance for Atmospheric Department’s weather center.
* Forecaster for UMass Lowell Connector. (2011-2014)
  + Coordinator for weekly student forecasts for the University’s student run newspaper.
* Four time participant in University of Oklahoma’s Weather Challenge (2011-Present)
  + Forecast challenge contest featuring 8 different locations over a 16-week period. Finished in top 100in the country in 2014.
* Student member of the American Meteorological Society (2012-Present)
  + Two time attendee of AMS annual meeting in 2014 and 2015

**Work Experience**

* **Marathon Sports, Boston, MA** (2008-2013)
  + Assistant Manager. Provide personalized gait analysis for proper fitting of running shoes. Participated in good form running clinics and running injury clinics.
* **American Student Assistance, Boston, MA** (2005-2007)
  + Worked closely with large loan companies, local colleges and universities as well as NSLDS. Counseled students and parents on repayment of student loans.
  + Guest speaker on Student Debt discussion panel in winter of 2007 at American Student Assistance
* **Hamilton Elementary School, Brighton, MA** (2003-2005)
  + After schoolteacher for elementary school.
  + Managed after school program for Boston that was recognized by Mayor Thomas Menino in 2005 for excellence.
  + Collaborated on innovative fitness and nutrition program for students in cooperation with grant from Harvard University.

**Skills**

* Proficient in Fortran, MATLAB, Python, Linux and Grid Point Statistical Analysis (GSI) software
* Proficient in Model Analysis including GFS, NAM, Bufkit, RAP and EURO
* Social Media (Twitter, Blogging, Facebook)