

## Education

### **University of Houston**

Houston, TX

Expected Degree: M.S. Atmospheric Sciences

GPA: 3.83

Projected graduation 05/2016

### **The Ohio State University**

Columbus, OH

B.S. Atmospheric Sciences with *Honors in the Arts and Sciences*; cum laude

GPA: 3.62

Graduated 05/05/2013

## Related Coursework

Atmospheric Thermodynamics, Dynamic Meteorology, Boundary Layer Climatology, Synoptic & Mesoscale Meteorology, Microclimatological Measurements, C++ Programming, Fundamentals of GIS, Air Pollution Meteorology

## Professional Experience

### **Teaching Assistant – University of Houston**

08/2014 – Present

- Instructor of GEOL 3178 Weather Information class
- Assist students with atmospheric science coursework in the Geosciences Learning Center

### **Student Volunteer – National Weather Service Houston/Galveston, TX**

06/2015 – Present

- Utilization of the Weather Research and Forecasting Model in the analysis of squall line morphology and dynamics
- Inform and prepare the public for hazardous weather through outreach events

### **Student Volunteer – National Weather Service Wilmington, OH**

06/2012 – 08/2012

- Researched extreme meteorological events and their precursors
  - Findings posted on the Wilmington WFO internal wiki page

## Presentations

- *Transport of industrial plumes in the Greater Houston area on the morning of November 3rd, 2009* (Poster), UH Geoscience Student Research Day 05/2015
- *Great Plains Storm Chase*, UH Chapter of the American Meteorological Society 11/2014

## Awards/Honors

- UH Graduate Tuition Fellowship 08/2014 – Present
- UH Natural Science and Mathematics Alumni Association Scholarship 06/2015
- 1<sup>st</sup> Place Poster – UH Geoscience Student Research Day (Beginning Graduate Division) 05/2015
- Morrill Scholars Program – Distinction Scholarship Recipient 2009 – 2013

## Academic Associations & Activities

- Graduate Student Committee Member and Research Day Organizer for the UH Earth and Atmospheric Sciences department 08/2015 - Present
- Graduate Advisor of the UH Chapter of the American Meteorological Society 11/2014 – Present
- Vice President of The Ohio State University Meteorology Club 04/2012 – 05/2013

## Skills

- Experience with MATLAB, ArcGIS, C++, IDL, and UNIX/LINUX operating systems
- Proficiency in the Spanish language with advanced level writing skills

## Professional Affiliations

- American Meteorological Society