

## Ernesto W. Findlay

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### Education

**Enrolled in M.S. /Ph.D program in Atmospheric Science** August 2014-present

Dept. of Atmospheric and Environmental Sciences, University at Albany, Albany, NY

Advisor: Paul Roundy Ph.D

Thesis: TBD

**B.S. in Atmospheric Science, (Honors) *Summa Cum Laude*** May 2014

**Minor in Mathematics**

Dept. of Atmospheric and Environmental Sciences, University at Albany, Albany, NY

Advisor: Paul Roundy Ph.D

Thesis: *MJO Influences in Continental United States Temperatures.*

Overall GPA 3.82

### Research Experience

**Research assistant.** June 2013-August 2013

**Colorado State University, Fort Collins, Colorado**

Advisor: Eric Maloney Ph.D

The study focused on the origins and tracks of easterly waves in the east Pacific, with a particular focus on the Bight of Panama where Serra et al. 2010 showed an easterly wave genesis maximum.

**Graduate Research assistant.** June 2014-Present

**Dept. of Atmospheric and Environmental Sciences, University at Albany, Albany, NY**

Advisor: Paul Roundy Ph.D

Analyzing the North Atlantic Oscillation (NAO) and the different weather patterns across the United States in relationship to the initiation of a new Madden Julian Oscillation (MJO) event in the Indian Ocean.

### Internship Experience

**Student Intern** August 2012-May 2013

**National Weather Service Forecasting Office, Albany, NY**

Prepared, participated in, and quality controlled upper air data collected from 0000 and 1200 UTC weather balloon launches. Prepared surface analysis and assisted in making CWA's Long Term forecast and helped write "Extended" portion of the ALB Forecast Discussion.

## **Honors and Awards**

**Dean's List** December 2010-May 2014  
Dept. of Atmospheric and Environmental Sciences, University at Albany, Albany, NY

**American Meteorological Society Named Scholarship** April 2013  
American Meteorological Society, Boston, MA

**Arthur Loesch Scholarship Award** September 2013  
Dept. of Atmospheric and Environmental Sciences, University at Albany, Albany, NY

**Honorable Mention of NSF Graduate Research Fellowship** April 2014  
National Science Foundation Graduate Research Fellowship Program  
Washington, DC

**Class of 1905 Bazzoni Fellowship Award** April 2014  
University at Albany, Albany, NY  
In recognition of "outstanding achievement in the natural sciences"

**Outstanding Student Award** May 2014  
Dept. of Atmospheric and Environmental Sciences, University at Albany, Albany, NY

**Best Forecaster Award** May 2014  
Dept. of Atmospheric and Environmental Sciences, University at Albany, Albany, NY

## **Presented Research**

**Findlay, W. E.** and Maloney, E, 2014: Analysis on the origins of East Pacific Easterly Waves. *26th Conference of Weather Analysis and Forecasting/22nd Conference on Numerical Weather Prediction, /94th AMS Annual Meeting*, Atlanta, GA, February 2014

**Findlay, W. E.** and Maloney, E, 2014: Analysis on the origins of East Pacific Easterly Waves. *39th Northeastern Storm Conference*, Rutland, VT, March 2014

**Findlay, W. E.** and Maloney, E, 2014: Analysis on the origins of East Pacific Easterly Waves. *46th Annual AGU Fall meeting*, San Francisco, CA, December 2013

**Findlay, W. E.** and Maloney, E, 2014: Analysis on the origins of East Pacific Easterly Waves. *11th annual Undergraduate Research Conference*, University at Albany, Albany, NY, April 2014.

**Findlay W. E.**, and Roundy, P, MJO Influence in Continental United States Temperatures. *Undergraduate honors thesis presentation*, University at Albany, Albany, NY, May 2014

## **PROFESSIONAL AFFILIATIONS**

American Geophysical Union (AGU) Student Member (2013–present)  
American Meteorological Society (AMS) Student Member (2013–present)

## **TECHNICAL SKILLS**

**Computer Languages:** NCAR Command Language (NCL), GEMPAK, Unix Shell Scripting, HTML, MATLAB, JavaScript

**Software:** Microsoft Word, PowerPoint, Excel (all Mac and Windows versions),