

# ALESSANDRA G. BURGOS

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## Education

### Old Dominion University, College of Sciences

Expected Graduation: May 2018

Area of Study: Physical Oceanography      Current GPA: 3.87

### Rutgers University, School of Environmental and Biological Sciences

Graduated: May 15, 2016

B.S.: Meteorology    Minor: Marine Science    Overall GPA: 3.6    Honor: Cum Laude

## Awards

Fall 2013 – Spring 2016

Dean's List

2012 – 2016

Elizabeth Author and Reich Scholarship

2012 – 2016

Rutgers Trustee Scholarship

Fall 2012

Eye of the Storm Award

## Experience

August 2016 – Present

### Research Assistant, Old Dominion University

- Working on global regional sea level rise with Dr. Benjamin Hamlington

Sep. 2014 – August 2016

### Weather Observer, Rutgers Gardens

- Took weekly weather observations, including air and soil temperatures, precipitation and evaporation levels, and uploaded the data to various sites (i.e. NWS)

Sep. 2014 – May 2015

### Live Weather Broadcaster, 'Wake Up Rutgers', RU-TV

- Created and presented live weather forecasts to Rutgers television station

June – August 2014

### Weather Intern, News 12 New Jersey, Edison NJ

- Helped the morning meteorologist forecast for NJ and surrounding areas
- Created graphics using WSI and wrote weathers closed captioning

Jan. 2013 – August 2016

### Research Assistant, Rutgers University

- Several climate projects working with Rutgers Environmental Science Chair, Dr. Anthony Broccoli including work on storm surge and polar amplification

Sep. 2012 – August 2016

### Weather Broadcaster, WeatherWatchers, Rutgers RU-TV

- Produced and presented my own weekly weather forecasts using WSI
- Technical producer during other's forecasts

May 2012 – May 2016

### Head Lifeguard/ Supervisor, Grube's Pool Service

- Lifeguard, pool maintenance and management, supervisor

## Technical Skills

Matlab, Ferret, Python, Fortran, WSImax

## Clubs and Activities

- |                |  |
|----------------|--|
| July 2017      | - Accepted and participated in Stanford's MARINE Ocean Policy 2-week short course  |
| June 2017      | - Acted as an oceanography mentor at NASA Langley's VESSS program  |
| June 2017      | - Volunteered to help grades K-8 at St. John the Apostle's learn about watersheds and ocean basins                                     |
| June 2017      | - Data Broadcast System training at Hampton University   |
| June 2017      | - Attended the Blue Planet Symposium; Presented work on regional sea level rise  |
| 2016 – Present | - Active member of ODU's ocean earth and atmosphere Graduate Student Organization<br>Vice President – 2017-Present                     |
| 2015 – 2017    | - AMS Active member, attending the 2015/16' /17' AMS meeting<br>Presented work on Polar Amplification from Rutgers at the 2017 meeting |
| 2013 – 2016    | - Rutgers Swim Club, Public Relations – 2014-2016  |
| Spring 2013    | - Rutgers Gymnastics Club  |
| 2012 – 2017    | - Yearly weather presentations to Penn Valley Elementary School's second grade class   |
| 2012 – 2016    | - Helped with Rutgers Meteorology open houses, and the annual Rutgers Day tabling to promote outreach to grades K-12                   |
| 2012 – 2016    | - Active member of Rutgers Meteorology Club<br>Secretary – 2014-2015, Vice President – 2015-2016                                       |
| 2011           | - Costa Rica Turtle Conservation Project – Focused on ensuring the survival of sea turtles   |