

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
Vice President – 2017-Present
- 2015 – 2017 - AMS Active member, attending the 2015/16'/17' AMS meeting
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
Secretary – 2014-2015, Vice President – 2015-2016
- 2011 - Costa Rica Turtle Conservation Project – Focused on ensuring the survival of sea turtles

