

## **Zackary Mages**

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### **EDUCATION:**

Aug. 2020-present STONY BROOK UNIVERSITY, Stony Brook, NY  
Pursuing a Ph.D. in Atmospheric Science, Advisor: Dr. Pavlos Kollias

Sep. 2016-May 2020 RUTGERS UNIVERSITY, New Brunswick, NJ, Honors College  
B.S. in Meteorology, Minor in Computer Science  
GPA: 3.84, Degree Honors: Magna Cum Laude

### **RESEARCH EXPERIENCE:**

Aug. 2020-present Research Assistant, Advisor: Dr. Pavlos Kollias  
Investigating shallow cumulus life cycles using the Radar Science group's  
Doppler LIDAR and KASPR

May 2019-May 2020 George H. Cook Honors Scholar, Advisor: Dr. Mark Miller  
Thesis Title: *The interactions between dimethyl sulfide and marine  
stratocumulus*  
Investigating the atmospheric science elements of the CLAW hypothesis

May 2019-present Undergraduate Intern for David Margolin  
Research Project on the MJO and model bias; Co-manager of the  
Subseasonal Forecast Contest

Jan. 2019-May 2020 Undergraduate Intern at the New Jersey State Climatologist's Office  
Quality Control for the CoCoRaHS program  
Data Collection for the 2018-2019 Snow Report in WeatherWise  
Magazine

Sep. 2017-May 2019 Honors College Research Tutorials, Advisor: Dr. Mark Miller  
Introduction to meteorological research in preparation for G.H.C. Honors  
Thesis

### **TEACHING EXPERIENCE:**

Aug. 2020-present Teaching Assistant  
Fall 2020 semester: ATM205 Introduction to Atmospheric Sciences

### **ACTIVITIES:**

2016-2020 Rutgers Meteorology Club, Member  
2019-2020 Rutgers Meteorology Club, Secretary  
2016-2019 Honors College Community Service

30 hours: Meal-packing for the homeless, Hospital Hearts, New Brunswick city cleanups

**OTHER:**

2017-present American Meteorological Society, Member