

# Daniel J. Lloveras

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(727) 432-2876

## Education

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### University of Washington, Seattle, WA

M.S. in Atmospheric Sciences (in progress), expected 2021  
Ph.D. in Atmospheric Sciences (in progress), expected 2024

### University of Miami, Coral Gables, FL

B.S. in Marine and Atmospheric Science, *summa cum laude*, May 2018  
- Majors: Meteorology and Applied Mathematics  
- Minor: Broadcast Journalism  
- Senior Thesis: *Effects of Shortwave-Absorbing Smoke on Low Cloud Properties*  
- Departmental Honors in Atmospheric Science

## Research Positions

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**2018 - Present:** Graduate Research Assistant, Department of Atmospheric Sciences, University of Washington, Seattle, WA  
- Advisor: Dr. Dale Durran  
- Project: Multi-scale initial condition error growth in idealized simulations of mid-latitude cyclones

**2016 - 2018:** Undergraduate Research Assistant, Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL  
- Advisors: Dr. Paquita Zuidema and Dr. Cassandra Gaston  
- Project: Effects of shortwave-absorbing smoke on low cloud properties

**June - August, 2017:** Research Intern, Geophysical Fluid Dynamics Laboratory, Princeton, NJ  
- Advisor: Dr. Xiaosong Yang  
- Project: Predictability of summertime precipitation in the southeastern United States

## Teaching Positions

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**Winter 2021:** Lecturer, UW ATM S 490: Current Weather Analysis (upcoming)  
**Spring 2020:** Teaching Assistant, UW ATM S 103: Hurricanes and Thunderstorms

## **Publications**

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*First publication is in preparation.*

## **Presentations**

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**Lloveras, D.J.**, D.R. Durran. Initial condition sensitivities in idealized simulations of mid-latitude cyclones. Oral presentation, *University of Washington First Year Graduate Student Talks*. Seattle, WA, Sept. 23, 2019.

**Lloveras, D.J.**, P. Zuidema. Effects of shortwave-absorbing smoke on low cloud properties. Poster presentation, *2018 Rosenstiel School of Marine and Atmospheric Science Undergraduate Research Symposium*. Miami, FL, Apr. 20, 2018.

**Lloveras, D.J.**, P. Zuidema. Assessment of low cloud cover changes in the presence of shortwave-absorbing smoke. Poster presentation, *17th Annual American Meteorological Society Student Conference*. Austin, TX, Jan. 6-8, 2018.

**Lloveras, D.J.**, X. Yang. Evaluating the predictability of summertime precipitation in the southeastern United States. Poster presentation, *17th Annual American Meteorological Society Student Conference*. Austin, TX, Jan. 6-8, 2018.

**Lloveras, D.J.**, X. Yang. Evaluating the predictability of summertime precipitation in the southeastern United States. Oral presentation, *2018 Geophysical Fluid Dynamics Laboratory Student Intern Presentations*. Princeton, NJ, Aug. 11, 2017.

## **Honors and Awards**

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**2018 - 2021:** Achievement Rewards for College Scientists Scholar Award  
**2018 - 2020:** Graduate Opportunities and Minority Achievement Program Top Scholar Award  
**2019:** National Science Foundation Graduate Research Fellowship Program Honorable Mention  
**2018:** University of Miami Outstanding Graduating Senior in Mathematics  
**2014 - 2018:** University of Miami Honor Roll and Dean's List  
**2014 - 2018:** University of Miami President's Scholarship

## **Service and Outreach**

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**2020 - Present:** Graduate President, University of Washington Student Chapter of the American Meteorological Society  
**2020 - Present:** Manager, University of Washington WxChallenge Forecasting Team

- 2019 - Present:** Volunteer, University of Washington Atmospheric Sciences Undergraduate Mentoring Program
- 2018 - Present:** Volunteer, University of Washington Atmospheric Sciences Outreach Program
- 2017 - Present:** Member, Chi Epsilon Pi Meteorological Honor Society
- 2017 - Present:** Member, American Meteorological Society
- 2019 - 2020:** Treasurer, University of Washington Student Chapter of the American Meteorological Society
- 2017 - 2018:** Treasurer, University of Miami Student Chapter of the American Meteorological Society

## **Programming Skills**

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**Research:** Python, MATLAB, FORTRAN, IDL

**Coursework:** R, Java

Last Updated: September 9, 2020