

## **R. Mitchell Lazarow**

Graduate Student  
University of Illinois Urbana-Champaign  
12 Oak Terrace, Webster Groves, MO 63119  
508 S First St Apt. 412, Champaign, IL 61820

Email: lazmitros@yahoo.com  
rossml2@illinois.edu  
Phone: (314) 737-7765  
Date: July 2022

### **Education**

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#### **University of Illinois Urbana-Champaign**

Graduate Student, Atmospheric Sciences – School of Earth, Society & Environment  
Advisors: Dr. Ashish Sharma, Dr. Trent Ford

#### **The Ohio State University**

Bachelor of Science – Atmospheric Science  
Bachelor of Science – Geography: Spatial Analysis  
Minor in Music  
Fall 2018 – Spring 2022  
Cumulative GPA: 3.76

### **Research Experience**

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#### **Undergraduate Research Assistant**

Fall 2021 – Spring 2022

Supervisor: Mr. Jim Q. DeGrand  
Project: Peer-to-Peer Instrumentation Project  
Responsibilities:

- ◆ Assisted in meeting with leadership at Franklinton Farms, a local urban farming non-profit, to discuss installation, operation, and management of environmental sensors
- ◆ Constructed and installed sensor infrastructure, CS ClimaVUE50, and CS 109 sensors
- ◆ Assembled a prototypical, Raspberry Pi and Python-based sensor setup in Spring 2022, developed by a team at Bridgewater State University

### **Academic and Professional Research Projects/Presentations**

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Lazarow, R. M., and R. Giarratana, "**Tornado Climatology in the RLX CWA**", WFO Charleston, West Virginia Team Meeting, 27 August 2021, Virtual.

Lazarow, R. M., and Quiring, S., "**The Effects of Surface Elevation Change on Tornado Width: A GIS Case Study of Five Tornadoes from 27 April 2011**", Geography 5921 Meeting, 20 April 2021, Virtual.

Lazarow, R. M., Bauco, J., and Lin, J., "**Review and Synopsis of the April 2011 Super Outbreak**", Atmospheric Science 5950 Meeting, 6 November 2020, Virtual.

## **Leadership Experience and Employment**

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### **Music Director – The Ohio State of Mind A Cappella** Fall 2020 – Spring 2022

- ◆ Produced several a cappella arrangements and guided group towards musical goals
- ◆ Placed 2<sup>nd</sup> in ICCA Semifinals and released an EP on streaming platforms
- ◆ Coordinated and ran social events and weekly rehearsals

### **Treasurer, Media Chair – Chi Epsilon Pi Honor Society** Fall 2020 – Spring 2022

- ◆ Produced social media posts to expand outreach in our first year as an organization
- ◆ Managed funds and organized fundraisers to expand group capabilities
- ◆ Collaborated with executive board to create social and networking opportunities for members

### **Summer Volunteer – National Weather Service – Charleston, WV** Summer 2021

- ◆ Attended weekly workshops on NWS Operations and Procedures
- ◆ Completed NWS training and CoMet modules and assisted with Terminal Aerodrome Forecasts
- ◆ Project: Produced a Tornado Climatology Report for the Charleston Weather Forecasting Area
- ◆ MIC: Jamie Bielinski, Primary Supervisor: Ross Giarratana

### **Supervisor/Office Supervisor/Official – OSU Competitive Sports** Fall 2018 – Spring 2022

- ◆ Facilitated operation of sporting events with other supervisors to verify participant satisfaction
- ◆ Managed and processed incident reports and forms to track and record irregularities
- ◆ Provided active management, conflict resolution, and feedback to participants and employees

### **Sesquicentennial Scholar Leadership Program** Fall 2019 – Spring 2022

- ◆ One of only 150 Ohio State students chosen to represent the university for its Sesquicentennial
- ◆ Attended several leadership seminars and workshops
- ◆ Hosted the 150<sup>th</sup> Anniversary kickoff for alumni and philanthropists

### **Bellhop/Shuttle Driver – Cedar Point Amusement Park** Summer 2019

- ◆ Assisted guests and transported their luggage around the resort utilizing customer service skills
- ◆ Exercised decision making and optimization skills while operating guest shuttles

## **Forecasting Experience**

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### **WX Challenge Participant** Fall 2021

- ◆ Utilized weather models and MOS data to create daily forecasts for various cities
- ◆ As of class period ending, placed 1<sup>st</sup> in class, 36<sup>th</sup>/1059 nationwide)

### **Scarlet & Gray Forecasting Team Member** Fall 2018 – Spring 2022

- ◆ Worked as a team to develop weekly social media-based forecasts for Columbus, Ohio
- ◆ Contributed to active forecast discussions

*Curriculum Vitae for R. Mitchell Lazarow*

**Organizations**

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American Meteorological Society	Fall 2021 – Present
Chi Epsilon Pi Atmospheric Science Honor Society	Fall 2020 – Spring 2022
Ohio State Chorale	Fall 2020
Meteorology Club at The Ohio State University	Fall 2018 – Spring 2022
Scarlet & Gray Forecasting Team	Fall 2018 – Spring 2022
The Ohio State of Mind A Cappella	Fall 2018 – Spring 2022
Buckeye Officials Association	Fall 2018 – Spring 2022
Ohio State Men’s Glee Club	Fall 2018 – Spring 2020
NWS SKYWARN Spotter	Spring 2015 – Present

**Awards and Recognitions**

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Dean’s List	Spring 2019 – Spring 2022
Sesquicentennial Scholarship	Fall 2019 – Spring 2022
National Buckeye Scholarship	2018
Eagle Award Nominee	2018
National School Choral Award	2018

**Applicable Skills**

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Microsoft: Word, Excel, Access, PowerPoint  
GIS Software: ArcGIS Pro, QGIS, PGAdmin/PostgreSQL  
IBM: SPSS  
Campbell Scientific Software: ShortCut  
Adobe: Lightroom, Photoshop, and Premiere  
Programming Languages: Python (incl. Pandas, Matplotlib)