

# January 2020



Congratulations to all of the AMS Local Chapters on their outstanding poster submissions!

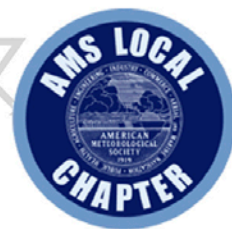
The Local Chapter Affairs Committee chose the following posters as the award winners at the AMS Centennial Meeting in Boston.

*Regular Chapters*

1. West Central Florida
2. North Florida
3. Utah

*Student Chapters*

1. Iowa State University
2. Millersville University
3. Ohio University



f @denverboulderams

# Denver/Boulder Chapter of the American Meteorological Society

## 80 Years of History...and counting!

✉ amsdenbou@gmail.com



### Elmar Reiter

- Jet stream meteorologist
- Helped found Colorado State University's Department of Atmospheric Science



### Loren W. Crow

- AMS Certified Consulting Meteorologist (holds 7th certificate from CCM program)
- First verification of upper-level jet stream
- Applied knowledge of meteorology to working with air conditioning industry, and designers of cooling towers
- Oral history interview: <https://opensky.ucar.edu/islandora/object/archives%3A7720>



### Chester Newton

- AMS President (1979)
- AMS Rossby Medal (1995)
- AMS Fellow and Certified Consulting Meteorologist
- Research on convective storms, cyclogenesis, frontogenesis, jet stream
- NCAR director of synoptic meteorology group
- Oral history interview with more information: <https://opensky.ucar.edu/islandora/object/archives%3A7773>



### William M. Gray

- Pioneer in tropical cyclone structure, intensification, climatology and seasonal hurricane prediction
- AMS Charney Award (1994)
- "The only immortality that you have as a professor is through your graduate students."



### Bradford R. Bean

- Radio meteorologist; pioneer in the implementation of airborne research in atmospheric turbulence
- First to receive PhD in Atmospheric Science from CSU (1966)



### Edward Zipser

- Researching regional and global distribution of storms using Tropical Rainfall Measuring Mission (TRMM) observations
- Involved in numerous field projects (e.g., BOMEX, SALLJEX, TOGA COARE, NAMMA, MC3E, IPHEX, OLYMPLEX)
- AMS Carl-Gustav Rossby Research Medal (2016)



### Byron Phillips

- Aviation meteorology
- Manager of NCAR's Research Aviation Facility (1980)



### Ferdinand Baer

- Research in gravity waves, atmospheric dynamics, numerical weather prediction, spectral methods, gravity waves, and high performance computing applications
- Professor Emeritus, University of Maryland



### James Fankhauser

- Thunderstorm and downburst research using aircraft



### Charles Chappel

- Performed seminal work on mesoscale convective complexes and systems
- Oral history interview transcript: [https://www.nasa.gov/sites/default/files/atoms/files/19900823\\_dr\\_ccharles\\_r\\_chappell.pdf](https://www.nasa.gov/sites/default/files/atoms/files/19900823_dr_ccharles_r_chappell.pdf)



### Charles Umphenhour

- Chief Meteorologist for 16 years at WTOL 11



### J. Michael Fritsch

- Research in convective storms, extratropical and tropical cyclones, mesoscale analysis and forecasting, and numerical weather prediction
- Distinguished Professor of Meteorology Emeritus, Penn State University



### Peggy LeMone

- Research in the atmospheric boundary layer and its interaction with clouds and the surface; origin and impact of mesoscale convective systems in the tropics at NCAR
- Founding head of the AMS Board on Women and Minorities
- AMS Charles Anderson Award, 2004
- AMS President, 2010
- AMS Joanne Simpson Mentorship Award, 2013



### 1939-1941

D.P. Marting  
W.M. Weld  
1941-1943  
A.W. Cook  
A.G. Topil  
1943-1944  
A.G. Topil  
C.F. Steffan

### 1944-1945

A.G. Topil  
H.M. Whitney  
1945-1946  
Carl Stefan  
H.M. Whitney  
1946-1948  
Chapter Activities Suspended due to World War II

### 1948-1949

H.B. Laird  
Howard Fenner  
1949-1950  
H.J. Harrison  
Howard Fenner

### 1950-1951

L.E. Truitt  
C.N. Kellum  
1951-1952  
Kenneth Tillotson  
W. Beckwith  
Merle Brown

### 1952-1953

Robert Curtis  
Woodrow Dickey  
1953-1954  
W.B. Beckwith  
R.E. Kennedy  
1954-1955  
R.K. Leatherwood  
J.E. Crockett

### 1955-1956

Woodrow Dickey  
W.S. Johnson  
1956-1957  
R.C. Franklin  
Mel E. Balzer  
J.A. Frost

### 1957-1958

Mel E. Balzer  
W.J. Douglas  
J.J. McCoy  
1958-1959  
Norm J. MacDonald

### 1959-1960

Joe L. Deutsch  
Chester Glenn  
Joe L. Deutsch  
Sylvia Moscovice

### 1960-1961

Joe L. Deutsch  
Col F.B. Evans  
Capt. George Lynn  
1961-1962  
Cecil Kellum  
Paul Julian  
J.W. Berry  
1962-1963  
Loren W. Crow  
R.C. Davis  
M.F. White  
1963-1964  
Richard Schleusener  
Julius London  
Paul Stowell  
1964-1965  
Chester Newton  
William Marlatt  
Jack A. Frost  
1965-1966  
Elmar Reiter  
Harold Baynton  
Lewis O. Grant  
1966-1967  
Archie Kahan  
Marshall Grace  
James L. Rasmussen

### 1960-1961

Joe L. Deutsch  
Col F.B. Evans  
Capt. George Lynn  
1961-1962  
Cecil Kellum  
Paul Julian  
J.W. Berry  
1962-1963  
Loren W. Crow  
R.C. Davis  
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1963-1964  
Richard Schleusener  
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Paul Stowell  
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Jack A. Frost  
1965-1966  
Elmar Reiter  
Harold Baynton  
Lewis O. Grant  
1966-1967  
Archie Kahan  
Marshall Grace  
James L. Rasmussen

### 1966-1967

Bradford R. Bean  
Peter C. Sinclair  
Julian Pike  
1968-1969  
William Gray  
Edward Zipser  
Gerald W. Jones  
1969-1970  
Byron Phillips  
Paul S. Stowell  
1970-1971  
Ferdinand Baer  
Michael Fosberg  
James Fankhauser  
1971-1972  
Paul S. Stowell  
Charles Umphenhour  
Francis Robitaille  
1972-1973  
J. Michael Fritsch  
J. Doyne Sartor  
George Miller  
1973-1974  
Charles Chappel  
Ray Teller  
L. Glen Cobb  
1974-1975  
Steven Cohen  
Peggy LeMone  
C. David Whiteman

### 1975-1976

Robert Bushnell  
Neil D. Kelley  
Peter Kuhn  
1976-1977  
Ray Hoxit  
Ralph Colman  
Elliot Mulburg  
1977-1978  
Joseph H. Golden  
Kenneth Gage  
David Maxwell  
1978-1979  
Edward Zipser  
Byron Phillips  
Rich Dougherty  
Rae Ann Eversole  
1979-1980  
David Maxwell  
Robert Maddox  
Bill Monnet  
Don Perkey  
1980-1982  
Tony Rockwood  
Roger Reinking  
Karl Zeller  
José Meitin  
1982-1983  
Peggy LeMone  
Sam Allred  
Ed Szoke  
Paul Schultz  
1983-1984  
Maury Pautz  
Ron Holle  
Carolyn Wilson  
Dan Breed  
1984-1986  
Rich Keen  
Ed Pearl  
Ken Howard  
Dave Parsons  
1986-1989  
Dennis Rodgers  
Barry Schwartz  
Ken Howard  
John Smart  
1989-1991  
Ron Holle  
Brian Heckman  
Tracy L. Smith  
Tom LeFebvre  
1991-1992  
Rich Keen  
Brad Smull  
Dan Breed  
Ron Holle

### 1992-1993

Rich Keen  
Brad Smull  
Dan Breed  
1993-1995  
Rich Keen  
Steve Clark  
Dan Breed  
Brad Smull  
1995-1996  
Randall Collander  
Aldis Strautins  
Ralph Anderson  
Wendy Abshire  
1996-1997  
Randall Collander  
Rock Graw  
Ralph Anderson  
Wendy Abshire  
1997-1998  
Ralph Anderson  
Gene Pfeffer  
Wendy Abshire  
Tim Wilfong  
1998-1999  
Ralph Anderson  
Gene Pfeffer  
Carol Pfeffer  
Tim Wilfong  
1999-2001  
Robert Rozumalski  
Ben Hendrickson  
Andrea Adams  
Agnes Takacs  
2001-2002  
Robert Rozumalski  
Ben Hendrickson  
Andrea Adams  
Randall Collander  
2002-2003  
Josh Hacker  
Ben Hendrickson  
Laurel Mayhew  
Randall Collander  
2003-2004  
Josh Hacker  
Ben Hendrickson  
Genevieve Maricle  
Randall Collander  
2004-2005  
Ben Hendrickson  
Richard Wagner  
Genevieve Maricle  
Ed Harnett  
2005-2008  
Chapter Inactive

### 2008-2009

Ed Harnett  
Wendy Abshire  
Julie Malmberg  
Tim Wilfong  
2009-2010  
Wendy Abshire  
Julie Malmberg  
Lisa Kriederman  
Tim Wilfong  
2010-2011  
Lisa Kriederman  
Julie Malmberg  
Kelly Mahoney  
Scott Jackson  
2011-2012  
Lisa Kriederman  
Scott Jackson  
Kelly Mahoney  
Victoria Sankovich  
2012-2014  
Scott Jackson  
Victoria Sankovich  
Bryon Lawrence  
Kari Bowen  
2014-2015  
Victoria Sankovich  
Elisabeth Cohen  
Bryon Lawrence  
Kris Murphy  
2015-2016  
Elisabeth Cohen  
Matthew Paulus  
Bryon Lawrence  
Vanessa Vincente  
2016-2017  
Elisabeth Cohen  
Matthew Paulus  
Richard Juday  
Vanessa Vincente  
2017-2018  
Victoria Sankovich  
Vanessa Vincente  
Renne Curry  
Emily Laidlaw  
Matthew Paulus  
Amy Steverner  
2018-2019  
Vanessa Vincente  
Renne Curry  
Emily Laidlaw  
Matthew Paulus  
Amy Steverner  
Russell Danielson  
2019-2020  
Annareli Morales  
Vanessa Vincente  
Jeremiah Sjoberg  
Matthew Paulus  
Russell Danielson

### 2008-2009

Ed Harnett  
Wendy Abshire  
Julie Malmberg  
Tim Wilfong  
2009-2010  
Wendy Abshire  
Julie Malmberg  
Lisa Kriederman  
Tim Wilfong  
2010-2011  
Lisa Kriederman  
Julie Malmberg  
Kelly Mahoney  
Scott Jackson  
2011-2012  
Lisa Kriederman  
Scott Jackson  
Kelly Mahoney  
Victoria Sankovich  
2012-2014  
Scott Jackson  
Victoria Sankovich  
Bryon Lawrence  
Kari Bowen  
2014-2015  
Victoria Sankovich  
Elisabeth Cohen  
Bryon Lawrence  
Kris Murphy  
2015-2016  
Elisabeth Cohen  
Matthew Paulus  
Bryon Lawrence  
Vanessa Vincente  
2016-2017  
Elisabeth Cohen  
Matthew Paulus  
Richard Juday  
Vanessa Vincente  
2017-2018  
Victoria Sankovich  
Vanessa Vincente  
Renne Curry  
Emily Laidlaw  
Matthew Paulus  
Amy Steverner  
2018-2019  
Vanessa Vincente  
Renne Curry  
Emily Laidlaw  
Matthew Paulus  
Amy Steverner  
Russell Danielson  
2019-2020  
Annareli Morales  
Vanessa Vincente  
Jeremiah Sjoberg  
Matthew Paulus  
Russell Danielson

### 2019-2020

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Jeremiah Sjoberg  
Matthew Paulus  
Russell Danielson

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Matthew Paulus  
Russell Danielson

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Jeremiah Sjoberg  
Matthew Paulus  
Russell Danielson

### 2019-2020

Annareli Morales  
Vanessa Vincente  
Jeremiah Sjoberg  
Matthew Paulus  
Russell Danielson

### C. David Whiteman

- Mountain meteorology, boundary layer meteorology, micrometeorology, fire weather, undergraduate and graduate education
- Professor Emeritus, University of Utah



### Joseph H. Golden

- Expert in convective vortices (tornadoes/waterspouts)
- Hurricane Specialist and research meteorologist at the National Hurricane Center



### Robert Maddox

- Mesoscale convective complexes, severe thunderstorms, North American Monsoon
- AMS Cleveland Abbe Award for Distinguished Service to the Atmospheric By An Individual, 2009



### Roger Reinking

- Radar meteorology, cloud-aerosol interactions, cloud microphysics, cloud seeding, winter storms, orographic clouds, gravity waves, and precipitation
- NOAA research scientist



### Ed Szoke

- Researcher at the Cooperative Institute for Research in the Atmosphere at CSU, Global Systems Division at NOAA/ESRL
- Model assessment, remote sensing, convective initiation, the Denver Cyclone



### Rich Keen

- Instructor Emeritus of Atmospheric Science, University of Colorado-Boulder
- Volcanic aerosols, climate change studies



### Wendy Abshire

- Current AMS Education Program Director
- Program manager, meteorologist at UCAR's COMET Program (1990-2016)



### Dan Breed

- Cloud microphysics, lightning, aerosol-cloud interactions, glaciogenic seeding on orographic cloud
- Project scientist with NCAR Research Applications Lab



### Genevieve Maricle

- Global strategic opportunities manager, Climate and Energy practice at the World Wildlife Fund
- Senior policy advisor on sustainability and climate change to US Ambassador, 2013-2017



### Josh Hacker

- Co-founder and Atmospheric Science Team lead at Jupiter Intelligence
- Focus on lower atmosphere prediction and predictability across scales



### Kelly Mahoney

- Weather forecasting and severe weather research, focusing on extreme precipitation at NOAA's Earth Science Research Lab



### Lisa Kriederman

- Incident Meteorologist at the Denver/Boulder Weather Forecast Office



### Victoria Sankovich Bahls

- Senior hydrometeorologist at MetStat® in Fort Collins, CO



### Elisabeth Cohen

- Under her leadership we received Chapter of the Year 2016-2017!
- President of Denver March for Science 2017-2019
- Earth systems scientist, the COMET Program (UCAR)





# NORTH FLORIDA CHAPTER OF THE AMERICAN METEOROLOGICAL SOCIETY



The North Florida Chapter was founded in 2002, and is a 4-time AMS Local Chapter of the Year. In addition to our mission statement below, we aim to embody the traits expressed by the torches on the Florida State University seal: "Vires, Artes, Mores", or "Strength, Skill, Character".

## STRENGTH

- 63 active members, a 46% membership increase from 2018-19!
- Growing partnership with NWS Tallahassee on outreach initiatives and volunteer/internship opportunities
- Expanding our network beyond Tallahassee and into a large base of FSU alumni



← Members cleaning up the shore of Tallahassee's Lake Elberta.



← We had a record 74 people attend our September General Body Meeting!



← Our 2018-19 and 2019-20 officers. The current officers were inducted at our End of the Year Banquet in April.

## GOALS FOR 2020

- Partner with NWS Tallahassee as a "Virtual Operations Support Team"
- Expand our educational presence at area schools and youth organizations
- Introduce members to a broader variety of opportunities/work environments in the field



Football tailgate with FSU broadcast alumni after the annual Weathercasting Workshop.

## SKILL

- Hosted an advanced spotter training class
- Interactive panel discussions on topics from grad school advice to Hurricane Michael preparation/response
- Members took part in the annual Weathercasting Workshop, featuring over a dozen broadcast meteorologists



← President Jake Carstens guiding a group of 5<sup>th</sup> grade students through the FSU Weather studios.



← "FSU Weather on Wheels" on display at the Tallahassee School of Math and Science's STEM Night.



← Treasurer Jonathan Marcus setting up his homemade tornado simulation at the Tallahassee Science Festival.



← We were invited as guest exhibitors to the Center for Ocean-Atmospheric Prediction Studies (COAPS) Open House in February!



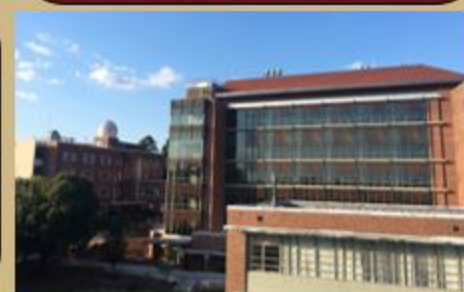
2005  
2008  
2009  
2013

## A NEW ERA

After over 17 years headquartered at FSU's Love Building, we moved next door to the new \$60 million Earth, Ocean, and Atmospheric Science building in December.

With this, we plan to maximize collaboration with students/organizations in Oceanography, Geology, and Environmental Science.

The future is bright in North Florida!



## CHARACTER

- Tabling at K-8 STEM Night events and the Tallahassee Science Festival
- Experiments including tornado simulations and "FSU Weather on Wheels" broadcast experience
- 20 members took part in the International Shore Cleanup in September
- Led a joint fundraiser with ULM, NVU-Lyndon, UF, and UAH for Hurricane Dorian relief efforts
- Hosted 44 5<sup>th</sup> grade students from Dade City, FL for a tour and weather Q&A

## OUR MISSION

"The North Florida Chapter shall foster the growth of operational meteorology in North Florida, South Georgia, and Southeast Alabama by providing the community with a social and scientific point of contact for meteorological, hydrological, and other related scientific interests."

"The North Florida Chapter shall encourage collaborative research among its members and shall engage in continuing education on the latest developments in the various branches of atmospheric science."



@northflamsnwa



North Florida Chapter of the AMS/NWA

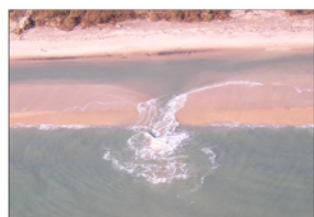


northflamsnwa@gmail.com

2nd Place Winner



# Space Coast Chapter of the AMS (2020)



Rip Currents



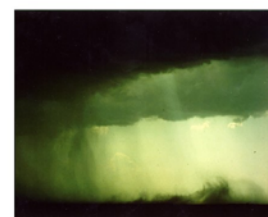
Lightning



Tornadoes



Hurricanes



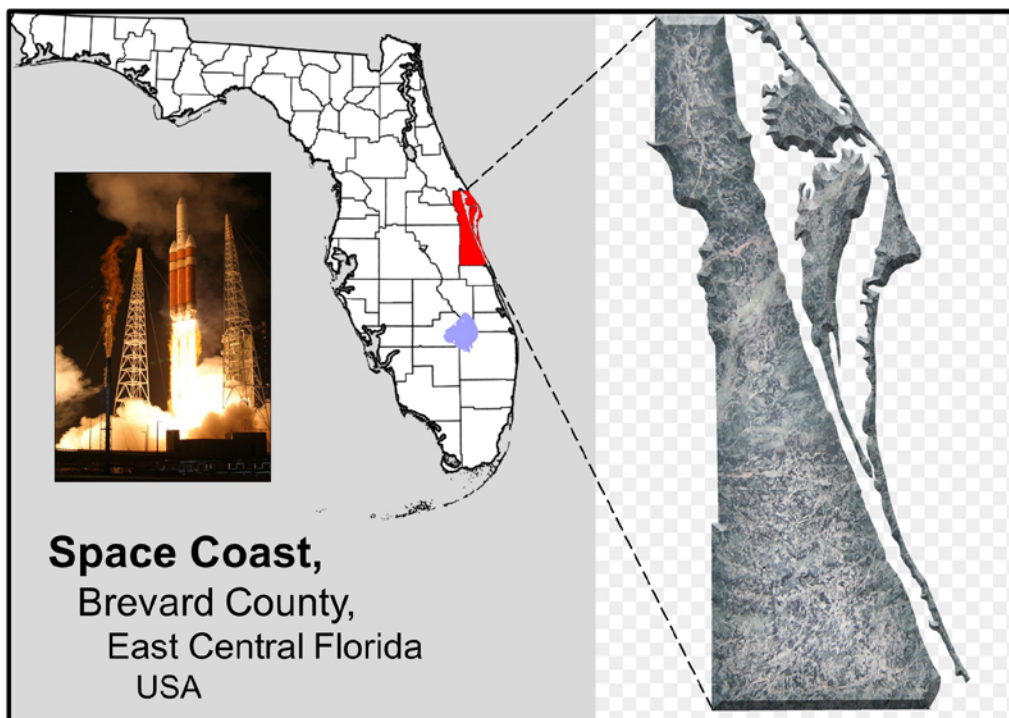
Convective Winds



Waterspouts



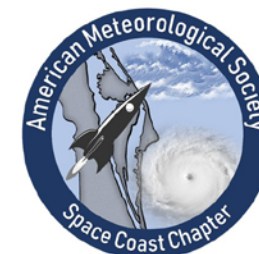
Heat & Humidity



**Space Coast,**  
Brevard County,  
East Central Florida  
USA

## MAJOR EVENTS

- Restarted Oct 2018
  - Inactive for ~5 years
  - Formerly Cape Canaveral Chapter



## COMMUNITY SERVICE

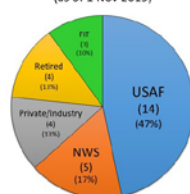
- 2 Beach Clean-ups (Mar 2019) (Sep 2019)
- Intra-Coastal Region Science Fair (Feb 2020)
- Mainland Region Science Fair (Feb 2020)
- Southern Region Science Fair (Feb 2020)
- Brevard County Weather Safety Day (~Apr 2020)
- Weather Career Day (~May 2020)



## MEMBERSHIP: 50 members (30 active)

- U.S. Air Force (14) (47%)
- National Weather Service (5) (17%)
- Private Meteorologists (4) (13%)
- Retired (4) (13%)
- Florida Institute of Technology (3) (10%)

AMS Space Coast Chapter Membership  
(as of 1 Nov 2019)



## OFFICERS

- President: Capt. Walter (45<sup>th</sup> Weather Squadron)
- Vice President: Dr. Paxton, CCM (Private Consultant)
- Secretary: Ms. Smith (NWS/Melbourne)
- Treasurer: Mr. McAleenan (45<sup>th</sup> Weather Squadron)

## MEETINGS: Meetings every 2 months, alternate between presentation & social event

- Oct 2018: Reorganizational Meeting, Florida Weather, Mr. Paxton, CCM, Retired
- Jan 2019: Weather Support to America's Space Program, Col Donald Shannon, Commander 45th Weather Squadron
- Mar 2019: Hurricane Irma Tornado Risk, Mr. Sharp, NWS/Melbourne
- Jun 2019: AMS Centennial and Involvement, Ms. McCann, CBM, CCM, AMS Commissioner of Professional Affairs, Spectrum News 13
- Aug 2019: Ongoing Research Under NOAA Sea Star Grant, Dr. Lazarus, Florida Institute of Technology
- Oct 2019: Recent Weather Research for 45th Weather Squadron, Mr. Roeder, Meteorologist 45th Weather Squadron
- Dec 2019: Social with Central Florida AMS Chapter



# Utah Chapter of the AMS and NWA

<https://www.facebook.com/UtahAMS>



## Chapter History and Meetings

The chapter was originally founded in 1942. After becoming inactive for a period of time, the chapter was re-established in 2007 as the Utah Chapter of the American Meteorological Society, and in 2009 became a joint chapter with the National Weather Association. Monthly meetings are held from September through May and cover a wide range of topics. These meetings allow meteorologists and other local weather enthusiasts an opportunity to network, socialize, learn, exchange ideas, and have fun.

## Integrating Weather and Society

Guest speakers including forecasters from the Utah Avalanche Center, snow safety experts, local wildland fire experts, air quality professionals, and others focus on the societal impact of weather. These talks often focus on applications of meteorology in real world situations and the ways they benefit society. In depth discussion and knowledge sharing results between these speakers amongst the members of the chapter.



The Utah Chapter of the AMS and NWA serves as a forum to aid in the development, sharing, and dissemination of knowledge of operational meteorology and related subjects between government and private sector meteorologists, academia, and others interested in weather and weather support services.

## Social Events

Of course the primary reason for meeting is to network, socialize, and have fun as a group. The chapter has embarked on many extracurricular activities including bowling, laser tag, baseball games, and an annual year end cookout.



## Tours

Tours give the members an opportunity to learn about how different sectors of the weather community operate and work together, as well as have a better understanding of what goes on behind the scenes. Recent tours have included local TV stations, Hill Air Force Base, and the UDOT Traffic Operations Center and embedded weather group.



## Science Sharing

Professors and graduate students from the University of Utah, Utah State University, and other local and national institutions present their most recent research on a variety of topics. These meetings help keep members of the chapter up to date on the latest state of the science.



## Community Events

The chapter has recently begun engaging in community service activities including preparing school supply kits for refugees. Members also volunteer to judge local science fairs, present at community adult lecture series, etc...

### Adult Lecture Series

Learn all about tornadoes and severe weather from NWS Senior Forecaster, Mike Seaman



**3rd Place Winner**



# West Central Florida Chapter of the American Meteorological Society



## About the Chapter

The West Central Florida Chapter of the AMS was chartered in 1961. Meetings are held across the Tampa Bay area including local restaurants, local television stations, the Learning Gate Community School, USF-Tampa, USF-St. Pete, the Florida Aquarium, MacDill Air Force Base, and the Seminole Heights Branch Library. Meetings focus on the science of meteorology, meteorological tools, exchange of information, and friendship.



Our chapter provides several education and outreach events to provide information about hurricane risks and preparations. In January, the chapter taught weather to elementary kids at the Learning Gate Community School and in October demonstrated weather experiments at the Campus Safety Day at the University of South Florida.



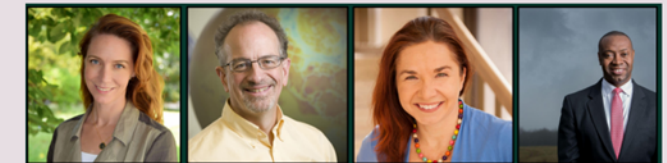
## Chapter Mission

The objectives of the West Central Florida AMS Chapter are: “The development and dissemination of knowledge of the atmosphere and related sciences in all phases and applications and the advancement of their professional ideals.”

Local Outreach

Collaboration

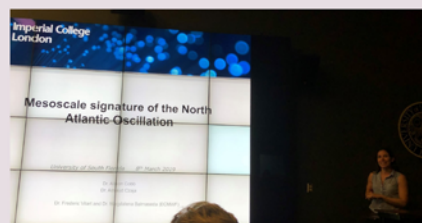
Our chapter co-sponsored a Remote Speaker Series inviting other local AMS chapters and other participants, including those globally, for remote lectures. Speakers also joined remotely as the program promoted the reduction of one's carbon footprint.



Members were also invited to visit the NOAA Hurricane Hunters at their base in Lakeland, FL. Chapter members experienced an informative briefing about the missions and operations of the Aircraft Operations Center.

Speaker Series

Social Events



The chapter's monthly events cover a variety of weather-related topics. This year, the chapter invited meteorologists and geographers worldwide for lectures and talks. Topics ranged from proposing a new hurricane damage scale to mesoscale climate modeling.



The West Central Florida chapter at the National Weather Service Tampa Bay office in Ruskin, FL

Celebrating AMS 100 Years



This year at the chapter's annual banquet, we invited Dr. Mark Welford from Georgia Southern to deliver his interesting research on historical hurricane landfalls.

The chapter serves student member by providing academic and financial assistance. One of the student members was awarded the Dewey M. Stowers Scholarship for his outstanding academic achievement during the past year.

1st Place Winner

Twitter.com/WCFLAMS

Facebook.com/WCFLAMS

West Central Florida AMS Chapter C/O Dr. Jennifer Collins  
4202 East Fowler Ave, NES 107, University of South Florida  
Tampa, FL 33620-0001

# Student Chapter Posters



**CORNELL CHAPTER OF THE AMERICAN METEOROLOGICAL SOCIETY**



**ABOUT OUR CHAPTER**

Located in Ithaca, New York - the Cornell Chapter of the American Meteorological Society, CCAMS, focuses on informing the public on different weather phenomena through education and outreach projects. The Chapter also holds social events that help bring together club members. Membership in this Chapter is open to all students at Cornell University who share an interest in weather and climate. Currently, the Chapter has roughly 40 members who actively participate in a variety of functions.



**2019-2020 OFFICERS**

From left to right:  
Secretary - Jack Sillin '22  
Go-President - Sam Frucht '21  
Go-President - Aidan Mahoney '22





**ACTIVITIES**

CCAMS sponsors numerous scholastic, service, and social activities for its members - including forecast competitions, intramural sports, intercollegiate opportunities, dinners with faculty, bowling parties, and more. This gives new members the opportunity to interact with senior members to create a stronger atmospheric science network. In addition, many students present their research at local conferences throughout the academic year in preparation for larger scale conferences while strengthening public speaking skills.



**EDUCATION & OUTREACH**



CCAMS is dedicated to educating the public, whether it be younger students or adults, on different atmospheric phenomena. Trips to elementary and middle schools are taken throughout the school year as well as talking events at club festivals, local museums, and Cornell University. An interactive trivia game was formed this year as a fun and intriguing way to educate the public, while our tornado machine acts as an interactive tool to explain the formation of a tornado. In order to reach a high volume of followers, we utilize social media accounts such as Instagram, Twitter, and Facebook to update individuals on our recent events, forecasts, and weather photos from our travels.





**OUR ALUMNI NETWORK**

Every April, we welcome back alumni of the Cornell Chapter of the American Meteorological Society to network with students and participate in presentations and panel discussions. This is a great experience for undergraduate students that allows them to network with others who were once in their shoes, keeping close contact with our alumni circle is an important aspect to our chapter. We have opened up our support system to alumni to give them the same opportunities they had as undergraduate students.



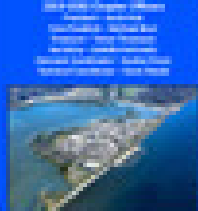


**Corpus Christi American Meteorological Society**  
A Student Chapter of AMS at Texas A&M University - Corpus Christi




**Introduction**

We are the Corpus Christi American Meteorological Society, a student chapter of the American Meteorological Society (AMS) at Texas A&M University - Corpus Christi. Our primary focus is to educate the public on different weather phenomena and to provide a support system for undergraduate students who are interested in weather and climate. We have a variety of activities and events that help bring together club members and provide a support system for undergraduate students who are interested in weather and climate.



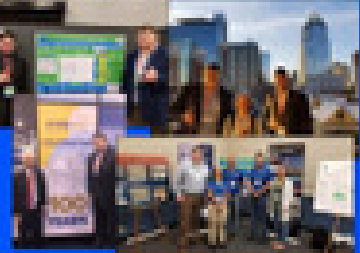
**Meetings and Events**

AMS hosts general meetings, open to all students, on the second and fourth Thursdays of each month. These meetings are a great opportunity to provide a support system for undergraduate students who are interested in weather and climate. We have a variety of activities and events that help bring together club members and provide a support system for undergraduate students who are interested in weather and climate.



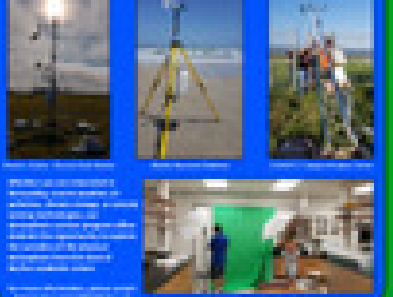
**Conferences**

Students have many options to attend conferences and present their research. We have a variety of activities and events that help bring together club members and provide a support system for undergraduate students who are interested in weather and climate.




**Program & Instruments**

AMS is a very active chapter that is constantly growing. We have a variety of activities and events that help bring together club members and provide a support system for undergraduate students who are interested in weather and climate.



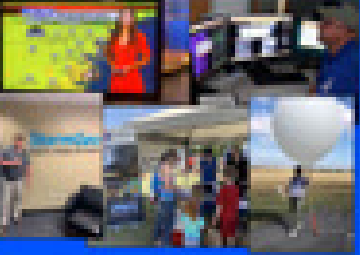
**Outreach**


AMS is a very active chapter that is constantly growing. We have a variety of activities and events that help bring together club members and provide a support system for undergraduate students who are interested in weather and climate.





**Internships**


AMS is a very active chapter that is constantly growing. We have a variety of activities and events that help bring together club members and provide a support system for undergraduate students who are interested in weather and climate.

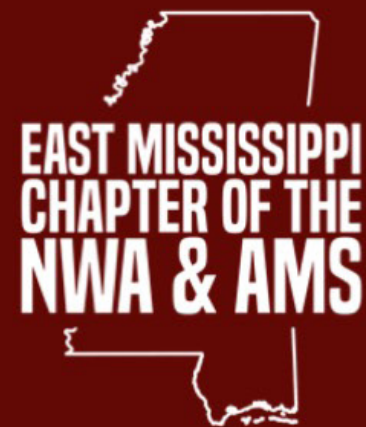


[facebook.com/tamucams/](https://www.facebook.com/tamucams/)

[@AMUCCAMS](https://twitter.com/AMUCCAMS)

[@tamucams](https://www.instagram.com/tamucams/)

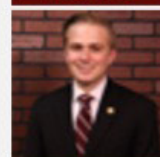
[Corpus Christi American Meteorological Society](https://www.linkedin.com/company/tamucams/)



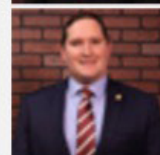
**MISSISSIPPI STATE'S STUDENT METEOROLOGY ORGANIZATION**

The mission of the chapter is to support and promote excellence in operational meteorology through research, forecasting, broadcasting, and education. We will work to build relations between all who work with and study meteorology in Mississippi and the surrounding states.

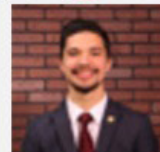
## 2019-2020 OFFICERS



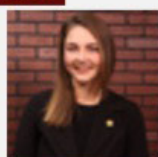
**Alex Forbes**  
President  
Hometown: Alpharetta, GA



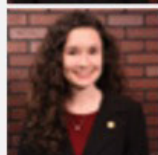
**Kristopher Boone**  
Vice President  
Hometown: Wichita Falls, TX



**Bryce Jones**  
Secretary  
Hometown: Louisville, KY



**Brenna Hunter**  
Treasurer  
Hometown: Brunswick, GA



**Sheyenne Kirkland**  
Symposium Chair  
Hometown: Hewitt, TX



**Caroline MacDonald**  
Graduate Advisor  
Hometown: Murfreesboro, TN



On March 23-24, 2019, the chapter hosted its seventeenth annual Southeast Severe Storms Symposium on the campus of Mississippi State University. The event was headlined by keynote speakers: Dr. Louis Uccellini, Director of the NWS; Janice Huff, Chief Meteorologist at WNBC-TV; Dr. Eric Rasmussen, Project Manager of VORTEX-SE; Aubrey Urbanowicz, Chief Meteorologist at WHSV-TV; and Will Simmons, Pilot for the Hurricane Hunters. When all was said and done, over 170 people attended to hear meteorologists from around the southeast and across the country present on research and their career paths.



▲ WIAT Meteorologist Griffin Hardy follows up on a question during the panel session



▲ NWS Director Dr. Louis Uccellini gives his keynote address



▲ Keynote Speakers Janice Huff and Aubrey Urbanowicz  
▲ Panel session featuring:  
• Dr. Janice Dyer, MSU  
• Brandon Schager, NWS Nashville  
• Beth Fiedler, KOLR-TV  
• Bruce Thomas, Midland Radio Corp.

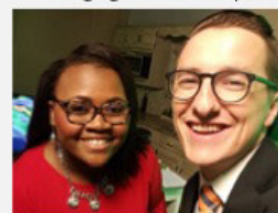


▲ Univ. of Tennessee students present at the poster session  
▼ Former MSU Student Jacob Lanier presents the weather briefing

# CELEBRATING THE CENTENNIAL

## ► PROFESSIONAL DEVELOPMENT

In 2019, we continued what we started in 2018 by putting an emphasis on professional development and providing opportunities for our members. Throughout the year, we offered members the opportunity to take professional headshots, hear presentations on internships that Mississippi State students completed, and encouraging members to present a weather briefing at the start of each chapter meeting. Below are some of our students getting a taste of the field this summer...



**Scottlin Williams**  
Internship at WCBI-TV in Columbus, MS



**Megan Hanna**  
Job Shadow at WLTX-TV in Columbia, SC



**Alex Forbes**  
Internship at WAGA-TV in Atlanta, GA



**Chris Pipkin**  
REU at the University of Alabama-Huntsville



**Noah Gower**  
Internship at WDAM-TV in Hattiesburg, MS

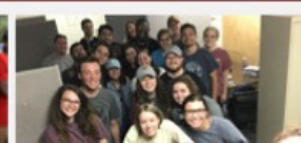
The chapter also hosted a meeting where Dr. Mike Brown hosted an internship workshop for Spring graduates preparing to enter the workforce. Additionally, we continue to update our database of internships, REUs, and other opportunities to help further careers!

## ► COMMUNITY OUTREACH

Much of our community outreach events in 2019 had a focus on awareness. During Mississippi's Severe Weather Awareness Week, we hosted an informational table for students and faculty in the student union. The public asked questions about radar and tornado frequencies in the state. The chapter also participated in the "Safe Place Selfie" campaign. Aside from those mentioned above, we also reached out to MSU students at organization fairs and hosted a fundraiser for Columbus, MS residents after an EF-3 tornado struck the city.



▲ MSU Dawg Days Outreach Event



▲ Safe Place Selfie taken during a chapter meeting in Hilbun Hall, home to the Department of Geosciences

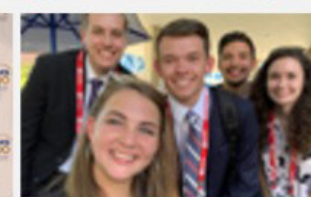


◀ Severe Weather Awareness Day informational table in Colvard Student Union during Mississippi's Severe Weather Awareness Week

## ► ON THE ROAD



Accepting the AMS Student Chapter of the Year award in January



Chapter members at the National Weather Association's Annual Meeting in September, hosted in Huntsville, AL



Joint Meeting with the Central Miss. Chapter watching a weather balloon launch in Jackson



Joint Meeting with the Central Miss. Chapter at WAPT with Meteorologist Christana Kay

## ► OTHER FUN!



◀ The chapter's second annual Metsgiving, held in Hilbun Hall right before Thanksgiving



◀ Weather ornament decorating for the chapter tree in Mississippi State's Climate Lab



◀ Chapter members participating in a Storm Spotter Training hosted by the National Weather Service in Jackson, MS



◀ One of our general chapter meetings that are hosted bi-weekly at Mississippi State University

**eastmsnwaams.com**

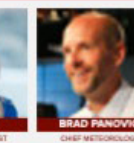


@EastMissNWA\_AMS



/EastMissNWAAMS

**SESS SYMPOSIUM XVIII** MARK YOUR CALENDARS!  
**MARCH 21-22, 2020**  
REGISTRATION NOW OPEN AT EASTMSNWAAMS.COM



**CALLING ALL ABSTRACTS!**  
#SESVR2020 will have oral presentations and posters this year. If you are interested in either, please submit an abstract, no more than 250 words, to [eastmsnwaams.com](mailto:eastmsnwaams.com) by February 28, 2020. No late submissions will be accepted.



2005 - 2006  
2009 - 2010  
2011 - 2012  
2012-2013  
2016-2017



# THE ASTRONAUTS OF IOWA STATE UNIVERSITY



HTTP://WWW.AMS-  
IOWA.EDU/AMS/



/ISUAMS



@ISUAMS



/ISUAMS

## MISSION: OUTREACH

One small step for man, one giant leap for AMS outreach! Our chapter thrives on the opportunity of reaching out to our community to make them more weather aware. From school visits to science nights, we are always striving to impact as many students as possible. Our third annual hurricane relief bake sale was once again a hit! Raising money and awareness for those impacted by hurricanes this season brought many donations towards the cause.

For the third year in a row, our very own meteorology club at a nearby elementary school helps 4th and 5th grade students learn about different topics in weather each month! This year, we have our highest attendance of students, ever! To benefit older students in the area, we participated in Go Further where middle and high school-aged girls come to learn about different careers in STEM fields. We are also currently in the process of developing our very own summer weather camp aimed to encourage high school students to consider trying out meteorology as their future college major.



## MISSION: SOCIAL

Having fun with others in our chapter is one of our priorities! We have a variety of events to keep everyone involved including a trip to the apple orchard, laser tag, games nights, and so many more!

Our newest event is the departmental olympics where undergraduates, graduates, and faculty compete against each other in a series of events over the year. This event brings together the department allowing students and faculty to make better connections. Mission accomplished!

# ISUAMS



The objectives of the ISU AMS shall be:  
To promote interest in the atmospheric sciences and related fields of study.  
To provide fellowship among students and faculty.  
To serve the interests of members and the meteorological community as a whole.  
To provide the community with a social and scientific point of contact for meteorological interest, specifically through educational outreach.

## MISSION: FUNDRAISING

The sky's the limit for fundraising for our club! Our members participate in a variety of fundraising events to benefit our AMS chapter. We run concession stands at several different sporting events around campus including football, basketball, and volleyball. All of these funds help contribute to our local chapter through conference expenses, outreach supplies, and social events. Our third annual fund ISU campaign allowed alumni and donors to help cover costs for many students to attend the national AMS conference.



## MISSION: CY'S EYES

3,2,1 lift off! Wait, I mean action! Here at Iowa State, we have our very own student produced weather show twice a week. While here, students get the opportunity to practice their skills at the anchor desk and green screen aiming to get them ready for their next mission post college.



## MISSION: ACADEMICS

Boston, we have a problem! Our students need help in classes! Luckily, our AMS chapter offers tutoring and review sessions for math, physics and meteorology classes. These opportunities benefit our students and allow them to keep their grades up in the classes that matter most. We also offer resume critique to help students put their best foot forward in applying for internships and jobs.



PRESIDENT

SARA  
FOERNSSLER



VICE PRESIDENT

MELISSA  
PIPER



TREASURER

CLAIR  
WOMACK



SECRETARY

ALLYSA  
DALLMANN



OUTREACH CHAIR

NATALIE  
TROUT



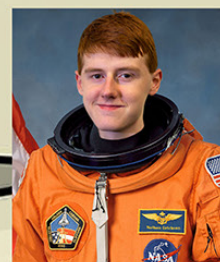
SOCIAL CHAIR

SYDNIE  
TUPY



ACADEMIC CHAIR

KEVIN  
GREENE



WEBMASTER

NATHAN  
ERICKSON



HISTORIAN & FORECAST  
CHAIR

GARRETT  
HEYD



NWA LIAISON

AARYN  
GRAEVE



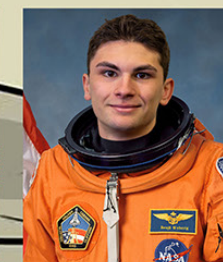
SOPHOMORE CHAIR

MADDY  
CONNELL



CY'S EYES PRODUCER


JACOB  
VOS



CY'S EYES PRODUCER

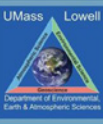
BENJI  
WYBERG

**1st Place Winner**



# UMass Lowell AMS Student Chapter

## Department of Environmental, Earth, & Atmospheric Sciences



### Our Club

UMass Lowell is home to Massachusetts' only public university with an atmospheric science program. We are a small group of students with a common passion for the weather! Our club allows us to carry out this passion through meteorology-related trips, community service, and weekly website forecast opportunities. We also hold a fun night each semester for students to get to know each other in a relaxing environment.




Figure 1: Students analyze tropical storm on our weather wall.

### Department of Environmental, Earth, and Atmospheric Sciences

The department of Environmental, Earth, and Atmospheric Sciences (EEAS) at UMass Lowell offers interdisciplinary class structures for a tight-knit student body. Our department has three different concentrations:

- Environmental Science
- Geoscience
- Atmospheric Science

By taking classes in each concentration, students obtain a well-rounded education in earth system processes. Despite the increasing size of UMass Lowell, small class sizes allow students and professors get to know each other quickly, providing for a unique learning environment. Facilities such as our department library and weather lab give students areas for socialization and group study. In addition, ground-breaking research being conducted by EEAS faculty allow for undergraduate research experiences





Figure 4: Faculty use technology such as our weather wall to connect theory to operational weather forecasting

### Trips


We go on atmospheric science related trips every year, with destinations ranging from local news stations to historical locations such as the Blue Hills Observatory. In February we will be visiting the NWS office in Norton!



Figures 2 and 3: Some past club trip locations, NWS Taunton and Blue Hills Observatory

### Fun Night!

At the end of each semester, we hold a fun night where our members get together and forget about impending finals for a few hours. In the past, we have gone bowling, mini golfing, as well as holding movie nights!



Figures 5 and 6: Club members enjoy fun night activities such as bowling and mini golfing

### Our Website

Our website acts as a central location for all climatological and weather data collected by our weather station, in addition to other useful links for our students. Students can also elect to do weekly forecasts for the website to work on their weather prediction skills.





Figure 7: The homepage of our weather website displaying student-produced forecast and current conditions

### Boston Marathon

Our club does yearly volunteer work at the Boston Marathon, where we station members at different points along the marathon route to take weather observations that are then reported to the race organizers.



Figures 8 and 9: Club members excited for the Boston Marathon

### Follow Us!

Online: <https://storm.uml.edu/>

Instagram: @umlweatherctr

Twitter: @UMLWeatherCTR

Facebook: @UMLWXCTR




MB Weather Services brings together students with many different talents. Future forecasters, computer programmers, graphic designers, videographers, programmers, and much much more. All coming together under one umbrella, the MBS Weather service team



# Morristown-Beard School





### Connections and Conferences

One main advantage of being in the Weather Services Club has been gaining access to phenomenal resources, including Earth Networks, LI-COR, and AMS. The AMS Centennial in Boston will be the seventh straight year that MBSWS has attended the annual meeting



### Computer Programming

A few of our current students expressed extreme interest in computer programming. Given this, they have been able to make great steps forward with helping our club branch out to more advanced outlets of conveying data sets and information. Most of the programming we have been doing has been optimized to two primary devices: The Raspberry Pi and Arduino.

### Instagram

Through surveying our student body, we found that Instagram was the most effective way of reaching our intended audience. For our students in the world of social media, Facebook died and Twitter is for older people. We have been consistent in keeping our students at MBS informed about various regionally significant weather.



### Photography

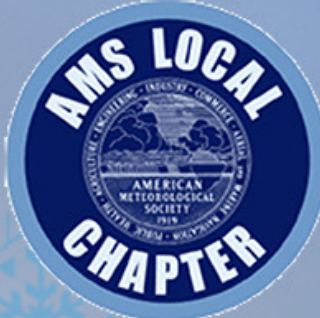
Using a combination of the pictures we take here on campus as well as pictures some of the members of our club have taken, we have been able to make great strides with improving the quality of content across all of our platforms. In addition, we have done microphotography with sand grains, a technique we hope to use for snowflakes.







# Northern Vermont University-Lyndon American Meteorological Society and National Weather Association



## About Our Chapter

The Lyndon chapter of the American Meteorology Society provides our members with unique opportunities such as hikes, barbeques, sector search, general business meeting guest speakers, internship night, and a yearly talent show. We also host the annual Northeastern Storm Conference (NESC), the largest student run conference in the region!

## Community Outreach

Our club has worked with our surrounding communities through the Northeast Kingdom Youth Services, Suicide Prevention Walk and Trunk or Treat. We also raised money for Hurricane Dorian Relief with our yearly first inch of snow contest.



NESC 2019



Burke Mountain Hike



Fall Barbeque



2019 Car Wash



Trunk Or Treat



2019 NEKYS Walk



Sector Search



2019 Talent Show



Lillie Farrell  
President



Peter Kvietkauskas  
Vice President



Taylor Leitch  
Secretary



Bobby Saba  
Treasurer



Lauren Cornell  
Public Relations



Jonathan Hutchinson  
Community Outreach



Robert Koenig  
Historian



Lauren Hyde  
Club Representative

Welcome to the family of  
the NW Indiana Chapter  
of the AMS/NWA at  
Valparaiso University



Each spring and fall we co-host a picnic with the university's storm intercept team. These picnic's serve to the build the family-like bond we have within our chapter. Through food, games, and good ole family fun we reinforce the connections that keep us all together.



Our passion goes outside the classroom into the community where we raise money for the American Cancer Society and Lurie's Children's Hospital via Relay for Life and Dance Marathon.

We know that personal connections matter, so our chapter goes out of our way to host events which foster close connections that last a lifetime.

Every year we bring in many professional speakers to give members powerful insights into careers in meteorology, and tips to turn our dreams into realities.

Every year we are proud to host the Great Lakes Meteorology Conference. GLMC is a 100% student-run conference responsible for bringing in speakers, orchestrating a poster session, and creating an experience that will leave a lasting impression.

We strive to continually bring in a diverse group of innovative speakers who captivate our minds, and mold us into meteorologists who will go out and change the world for the better.



# Ohio University

Athens, Ohio



## Chapter of the American Meteorological Society

### 2019-2020 Club Members



The purpose of OUCAMS is to foster the academic and professional growth of students pursuing meteorology or related fields through engagement in community outreach, educational, and social events. The organization strives to fulfill both the goals of Ohio University Student Organizations and the American Meteorological Society.

### Community Outreach

- **Adopt a Highway:** We clean litter from a 2-mile stretch of a local highway
- **Science nights:** Our chapter visits local elementary schools to teach students about weather safety and how to receive weather information
- **Senior citizen day:** We partner with local organizations to provide weather information for seniors
- **CO-OP:** Students from our chapter provide daily weather measurements for the national program
- **Ohio University StormReady:** We worked with NWS Charleston, WV and campus emergency management staff to re-certify our campus with the official NWS StormReady seal



Senior Citizen Day



Adopt-a-Highway



Science Night



Blood Drive



Mentor/Mentee



Involvement Fair

### Social Events

- **Involvement fair:** We participate in the start-of-year recruitment fair to connect with new and returning students
- **Fall cookout:** We hold a social gathering the first weekend of fall semester to build community and reconnect after summer break
- **Homecoming:** We invite alumni to an annual dinner, and to join us in walking in the Homecoming parade, our biggest event of the Fall
- **Mentor / Mentee:** We pair upperclassmen with incoming freshmen to help them transition and make new friends
- **Annual cabin trip:** Near the end of the academic year we have a cabin getaway in the Hocking Hills to enjoy fellowship before summer break



10<sup>th</sup> Annual Symposium



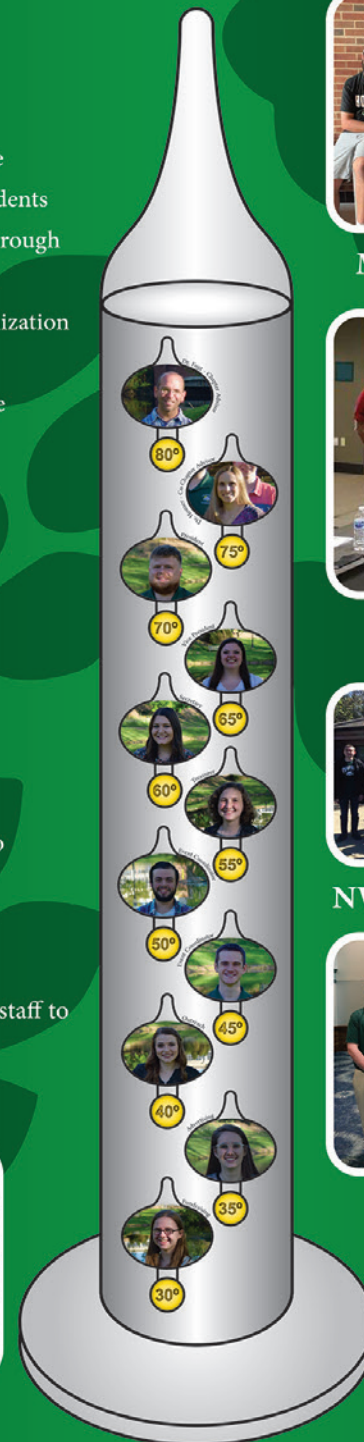
NWS Charleston



AMS

### Educational & Professional Growth

- **Student Chapter of the Year:** Our chapter was honored to be selected as the 2019-2020 AMS Student Chapter of the Year
- **Symposium:** In Spring 2019, we held our 10th annual Spring Meteorological Symposium. This event brings in professionals from all sectors in meteorology, many of which are alumni, to inspire and educate our students about their future careers in atmospheric science
- **AMS:** We have participated in the AMS student conference every year since becoming an official AMS student chapter
- **NWS Charleston:** We frequently partner with NWS Charleston WV for site visits, spotter training, and public outreach
- **Internships:** 7 students from our chapter participated in internships last summer, ranging from research to broadcast meteorology



3rd Place Winner



OHIO  
UNIVERSITY



OhioU AMS



@OUCAMS



oumeteorologyclub



# University of Oklahoma

## Student Chapter of AMS & NWA



### Storied PAST

#### About Us

The University of Oklahoma's Student Chapter of the American Meteorological Society (AMS) and National Weather Association (NWA), or OU SCAN, is an independent student-run organization founded with the purpose of providing educational, professional, social, and service opportunities for University of Oklahoma students interested in meteorology. Additionally, OU SCAN aims to enhance community awareness regarding weather.

#### Notable Events in History

The OU Student Chapter of AMS, or OU SCAMS, was founded in 1961 and is one of the oldest student chapters in the history of AMS.

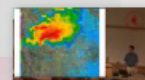
In 1992, Dr. Bill Beasley began our annual Groundhog Day Party tradition.



In 2008, the appearance of "Radman" at the first annual National Weather Festival marked the official debut of the Weather Friends as part of our outreach team.

#### Decade Challenge

OU Big Event 2010 (Left)  
First meeting of 2019-2020 (Right)



In 2015, we hosted a tornado forecasting workshop with the Storm Prediction Center's lead forecaster Rich Thompson which is uploaded as a nine-episode series on our YouTube channel. (See QR code to watch)

In 2015, OU SCAMS also became a student chapter for the National Weather Association and was renamed OU SCAN to encompass both organizations in the name in Fall 2016.

In 2017, we adopted our current chapter logo and began expanding the merchandise available to our membership and the public. (See QR code)

#### Dorian Relief Fundraiser



During September 2019, OU SCAN collaborated with the Oklahoma Weather Lab (OWL) and Student Affairs Committee (SAC) to raise funds to aid in recovery efforts from Hurricane Dorian.

#### Fix the Professors Contest

To raise the stakes, we organized a contest in which the professor with the highest donations to their jar would receive a pie to the face. In the end, the contest ended in a four-way tie! (See QR code for more details)



### PRESENT Successes

#### 100 Student Members

An increase of 46 members since last year!

#### Service Events

##### OU Big Event

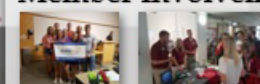
An official day of community service to support the community by completing service projects such as painting, yard work, and visiting with the elderly.



##### National Weather Festival

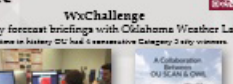
An open-house style event held each fall, highlighting the many weather-related organizations and activities in central Oklahoma and garners approximately 4,000 visitors each year.

#### Member Involvement



##### Social Events

- Groundhog Day Party
- OU at UCLA Watch Party
- New Student Mentoring Program Meet Mash

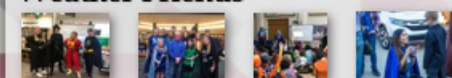


##### WxChallenge

Weekly forecast briefings with Oklahoma Weather Lab. First time in history OU had 6 consecutive Category 3 city winners.



#### Weather Friends



The Weather Friends are your local weather superheroes fighting to help you prepare for dangerous weather! They attend local weather awareness and classroom events such as National Weather Festival and the Penn Square Mall Severe Weather Awareness Expo. In total, there are 15 Weather Friends with each one representing a different type of weather hazard. Together, the Weather Friends teach kids and parents alike how to be safe when hazardous weather occurs.

#### New Developments

- Anyone Can Be a Weather Friend Initiative: New costumes for people of all sizes and non-specific gender trading cards were made to enhance inclusivity
- New YouTube Series Coming Soon
- FB/IG Livestreams for events



Two new weather friends join the team!



New Trading Cards!

### Bright FUTURE

#### New Student Travel Fund

We are proud to announce that moving forward OU SCAN will be providing students with alternative funding opportunities to assist members in attending professional conferences such as the AMS and NWA Annual Meetings. Funds will be set aside during the fall semester to award to one outstanding active member who has applied to the online student chapter travel fund to pay for annual meeting registration fees or travel to the conference.

#### Professional Development

##### Fall Events

- August:**
  - Collaborative meeting with Oklahoma Weather Lab
- September:**
  - Meteorology Career Mini-Conference with Joseph Trujillo of CIMMS, Damon Lane of ABC KOCO, Roger Edwards of the SPC and Dr. Connor Flynn of OU CIMMS
  - OU at UCLA Watch Party
- October:**
  - TORUS with Dr. Mike Coniglio of NSSL
  - New Student Mentoring Program Meet Mash
- November:**
  - SMART Radars with Addison Alford
  - Graduate School Application Help Session

##### Upcoming Events

- January:**
  - REU/Hollings Application Help Session
  - Groundhog Day Party
- February:**
  - Hurricane Forecasting Workshop with Dr. Michael Brennan of the National Hurricane Center
  - General Meeting with COCAMS/NWA and Dr. Somer Erickson (FEMA liaison to SPC)

#### YouTube Channel

1.4k subscribers and 92.2k views!

- General meeting recordings
- New Weather Friends content
- Livestreams of events

#### Updated Website

- Dark theme for energy efficiency
- Easier to navigate
- Streamlined online ordering



Follow Us!



OU Student Chapter of the AMS & NWA



@OU\_SCAN



@OUSC\_AMSNWA



OU SCAN

BOSTON, MONDAY JANUARY 13<sup>TH</sup> 2020

## CELEBRATING SIXTY-EIGHT YEARS OF EXCELLENCE

### PSUBAMS ACCUWEATHER TAILGATE

BEAVER STADIUM -- The annual event that brings together students, faculty, alumni, and AccuWeather employees took place on October 5th this year before the home football game against Purdue. Over 30 people came out to the tailgate early on a chilly Saturday morning to enjoy some breakfast food and catch up with others. PSUBAMS enjoys organizing this event with AccuWeather each year that brings together different parts of the weather enterprise in State College and allows everyone to have some fun before a home football game.

### ACCUWEATHER TOUR

STATE COLLEGE -- PSUBAMS strives to give its members plenty of opportunities to explore a variety of career paths within the meteorology field each year, and visiting AccuWeather is one of these opportunities. AccuWeather's global headquarters is located very close to Penn State in State College, and on the evening of October 17th, several students interested in learning more about this worldwide private weather company traveled over



to their headquarters. These students got to tour the entire facility, meet many of the employees, and ask questions to learn more about the daily operations of AccuWeather and what it would be like to work for them.

### NWS RADAR TOUR

PHILLIPSBURG -- Doppler radars are vital for meteorologists to see what precipitation is in the area, and being able to learn how they work is fascinating for anyone that is interested in meteorology.



The NWS office in State College has its weather radar located about 2,400' above sea-level on top of one of the ridges in

Phillipsburg, PA. Penn State students drove up to the radar site to tour the WSR-88D radar. Technicians who work on the radar showed the students around, explained to them how all the instruments worked, and answered all the questions that they had.



### PENN STATE METEOROLOGY TODAY

WALKER BUILDING - The purpose of The Pennsylvania State University Branch of the American Meteorology Society is to foster interest in meteorology and to serve as a professional, service, and social organization for Penn State meteorology students. We do this by providing connections to meaningful Alumni like Christy Shields, Joel N. Meyers, and Greg Forbes. In addition, we provide our students the opportunity to create connections with Accuweather and the National Weather Service and provide them with the opportunity to give back to community through different community service events.

### RED CROSS PENNY WARS

WALKER BUILDING - Campus Weather Service joined forces with PSUBAMS to raise money for disaster relief last spring. In order to motivate students to donate money, the organization who raised the most was promised to by the President of the organization. The efforts raised over \$400 for disaster relief!

### ELEMENTARY SCHOOL SCIENCE FAIR

Every year, Penn State meteorology students go to a local elementary school to judge a science fair. Volunteers from PSUBAMS encourage and praise the younger students for the hard work that they put into their projects and teach them about science through demonstrations.



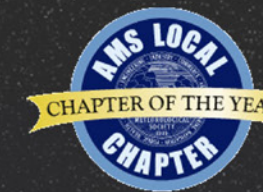
### PENN STATE METEOROLOGY HISTORY

1962 - Meteorology courses at Penn State can be traced back to the first, 1859 catalog of the Farmers' High School, Penn State's original name, which listed a course in geography and meteorology. The formal instructional program in meteorology began in 1934-35, when twenty-three students took a one-credit course in weather forecasting. In the late 1930s, Hans Neuberger and Victor Conrad were some of the people who came to the university with a wealth of research knowledge and helped to grow the meteorology curriculum. In 1940, the geology curriculum was broadened into an Earth Science curriculum with four major

options, one of which gave students the opportunity to specialize in meteorology, and, in 1942, the first bachelor's degrees in meteorology were granted. The School of Mineral Industries' dean, Edward Steidle, felt that meteorology was a fundamental Earth Science and played a vital role in investigating problems covering the utilization of the Earth's resources. Therefore, the Department of Meteorology was born in 1954. As one of the oldest meteorology programs in the country, faculty and students strive to continue expanding the department and creating more awareness for the importance of weather forecasting. For instance, the current dean of the Department of Meteorology, Charles Hosler, recently began a daily, mid-day weather broadcast in 1957 on WFBG-TV, Altoona. His weather reports have become so popular that area farmers have coined the phrase, "you could make hay with Hosler." Additionally, PSUBAMS (the Penn State University Branch of the American Meteorological Society) was founded ten years ago in 1952 as a professional organization within the department, and hopes to continue growing as an organization in the coming years to continue providing students with opportunities for professional development.



# University of Puerto Rico at Mayagüez AMS Student Chapter



2010-2011



2007-2008 2011-2012  
2012-2013 2013-2014  
• 2017-2018

Three Kings Day, a holiday celebrated all over the Latin culture, is the day the Wise Men came to visit baby Jesus after they followed the North Star to give him presents such as gold, myrrh, and frankincense in the form of adoration. In Puerto Rico, this holiday is celebrated by gathering grass or hay in a shoebox and putting it under the tree in the hopes that the camels would eat it and the Wise Men or "Reyes Magos" would leave presents for the good and well-behaved children. This year the "Sociedad Meteorológica de Puerto Rico"; AMS local chapter of the University of Puerto Rico at Mayagüez, left some grass in a shoebox to see if the Wise Men would bring new opportunities to this chapter in the upcoming year.

## Our mission

Throughout the years, the mission of the Meteorological Society is mostly educational. We aim to reach the largest number of schools and social networks so that people in Puerto Rico and the Caribbean can learn more about the threats/hazards and the science behind these atmospheric events. All of this is achieved through games, dynamic demonstrations and a lot of teamwork.

This year we filled our shoebox with a lot of grass, and by grass we mean activities. These were very beneficial for our members and for the public. There were mentorship conferences from professionals in the Atmospheric Sciences from Puerto Rico. Many road trips to different schools to give demonstrations and further increase the interest in Meteorology in the future generations. Also, we visited important scientific places in our Island so our members can explore and learn about different sciences. In addition, the installation of our new Meteorological Station and the Undergraduate Research added to our Meteorology program were two highlights because we learned a lot and kept our community updated with daily forecasts. Finally, the 11th Annual Weather Fest, which is our biggest and most important activity, inspired a lot of students so our goal was reached.



Demonstrations Committee  
Atmospheric Layers



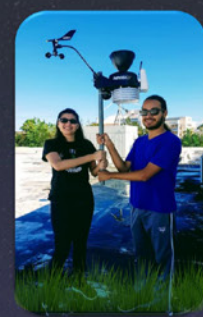
Students with our pressure  
demonstration experiment



Dr. Lourdes Avilés  
mentorship talk



Students with the local weather  
reporter Deborah Martorell at  
our Weather Fest



Installing our new  
Meteorological Station  
donated by AccuWeather



New Members Ceremony



Volunteering at the Caribbean  
Hurricane Awareness Tour



Our most important activity,  
the 11th Weather Fest



Undergraduate Research with  
Radiosonde Launching



Storm surge experiment



Excursion to the Radio  
Telescope at Arecibo  
Observatory

## Future goals

The day the three kings arrive, hopefully, they will bring us new tools to keep building a bridge, accessible to everyone, to knowledge. One of these is the 13th edition of our magazine based on the science and history of the meteorological vocabulary. The other one is a book about the history of meteorology in Puerto Rico, the achievements of Puerto Rican meteorologists, and the phenomena that have impacted Puerto Rico throughout the years. Also new graduates of the Meteorology program and many more surprises ...



Volumen 13



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# Stony Brook University Chapter

## Stony Brook University Meteorology Club



### About the Chapter

Founded in 2015, our chapter works to maximize the opportunities and experiences in meteorology and atmospheric sciences of the undergraduate population at Stony Brook University. Some of these opportunities include attending several conferences put on by other AMS Chapters, such as the Northeastern Storm Conference and the Tri-State Weather Conference.



### Community Outreach

Our chapter focuses on reaching out to members of the community, both on campus and surrounding community.

Some of these activities include:

- Visits to local schools as Weather Ready Nation Ambassadors
- Campus cleanups
- Taking part in several Stony Brook sponsored community outreach events
- Managing the SBU Weather Account to provide weekly weather updates to the community



### Academic Research

Members are presented with a variety of research opportunities as they come up, whether they be increased awareness of current faculty members areas of research and research needs, or inclusion of some larger projects, such as the current IMPACTS field project.



### Social Events

When not focused on the academic aspects of the club, the club hosts a variety of social events to help members get to know each other and have some fun!

Some of these include:

- Dodgeball tournament
- Alumni Event
- Various educational trips (Boston Museum of Science, National Centers for Environmental Prediction, and National Weather Service)

### Journalism

Our chapter has worked with the School of Journalism at Stony Brook to create two different classes for students interested in broadcast meteorology.



To the SBU  
Weather  
Facebook  
Page

### Officers for 2019-2020:

President- Ben Bacon  
Vice President- Darlene Dittell  
Treasurer- Matthew Contiochio  
Secretary- Magdalena Wrobel  
Public Relations- Kevin Rodriguez  
Audrey Sinclair

### Contact Us:

Email- [sbuweather@gmail.com](mailto:sbuweather@gmail.com)  
Facebook/Instagram- SBU Weather  
Twitter- @SBUWeather

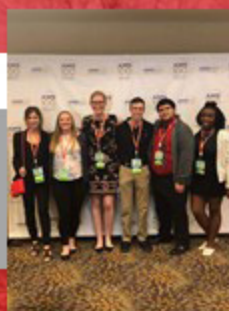


# State University of New York College at Oneonta Local Chapter of AMS



## Conferences

Members attend and present research at conferences across the country including AMS, AGU, & Northeastern Storm Conference.



## Executive Board

President: Amanda Keane  
Vice President: Alice Brennan  
Treasurer: Kiera Malarkey  
Secretary: Claire McAllister  
Public Relations: Luke Tomasso  
Fundraising Chair: Hailey Rankel  
Advisor: Dr. Chris Karmosky

## Community Service

Members participate in an annual college wide volunteer program (Into the Streets). Members have also led a climate change workshop at a neighboring school district.



## Broadcasting

Members interested in broadcast meteorology can practice their presentation skills in front of our own green screen.



## Tour Meteorological Facilities

Members toured professional work environments such as NBC and NWS to get a glimpse of future job opportunities.



## Weather Discussions

At weekly club meetings, members apply the knowledge learned in lectures to discuss current weather events across the country.



## Alumni Engagement

Members interact and network regularly with alumni at department events and conferences



## Trips

The club has travelled to New York City, Mt. Washington, Phoenix, AZ, Grand Canyon, AZ, Ottawa, ON, Washington, DC, San Francisco, CA



SUNY Oneonta Meteorology Club

Oneonta Meteorology Club



# 5 'Great' Things About the SUNY Oswego Local Chapter of the AMS and NWA

At OSSCAMS we truly are a family of students, alumni and faculty. This past summer we lost a member who had been with us since our beginnings in 1982. Dr. Alfred Stamm, Distinguished Service Professor of SUNY Oswego passed away this summer. We have chosen to dedicate this years chapter poster to his memory and his 42 years of service to our department.



Science Night at Fulton Elementary

SUNY Oswego Club Fair

## Community Involvement



AMS 2019 - Phoenix

The Great Lakes Atmospheric Science Symposium celebrated it's 10th anniversary this past year.

Preceded by the Lake Effect conference (2006-08) GLASS began in 2009 and has been held on SUNY Oswego's campus each year. The conference has showcased students and professionals alike from all areas of Meteorology and the Atmospheric Sciences for over a decade. We owe our continued success to our dedicated, executive boards, members, alumni, the support from our fellow local chapters and the Meteorology faculty at SUNY Oswego. We're looking forward to many more great years ahead!



## G. L. A. S. S.

Every year we hold an internship and scholarship night in order to showcase our member's hard work and to expose younger members to opportunities in Meteorology they might not have been aware of. In addition we have been lucky to be able to pay registration fees for over 20 members to attend AMS meetings over the past 2 years!

## Opportunity



## Family

OSSCAMS members are involved in numerous other on campus activities. Such as the SUNY Oswego Storm Forecasting and Observation course, LESPARC, and WTOP-10. It's here our members apply what they've learned in their courses and at our meetings to real world applications!

## Extracurriculars



# TAMSCAMS

Texas A&M Student Chapter of the American Meteorological Society

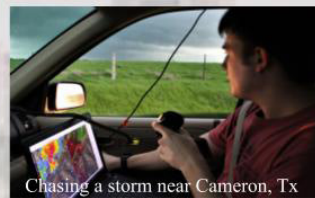


## About the Chapter

TAMSCAMS is a student organization for anyone and everyone passionate about meteorology and the atmospheric sciences. Incorporated within our group are two branches that provide unique and valuable learning opportunities: Texas Aggie Storm Chasers (TASC), where you get hands on experience with severe weather, and the Texas A&M Weather Broadcasting, where students gain on-air experience in radio weather forecasting.

## TASC

In TASC, students learn to forecast severe weather events and how to safely observe such storms. On chases, students use HAM radio to communicate between vehicles and keep each other up-to-date on current weather conditions. Students also submit storm warning reports to the National Weather Service to assist in early warning and storm condition verification.



## Weather Broadcasting

The Texas A&M Weather Broadcasting group is comprised of meteorology majors from freshman to seniors. 30 second broadcasts are sent out Monday through Friday in the morning and afternoon. Members also maintain our social media accounts on Facebook, Twitter, and Instagram. This group is great for new freshman to learn how to effectively communicate a forecast to the general public.



## A&M and AMS History

### Charles Franklin Brooks:

In 1918, Charles Franklin Brooks worked as a researcher at the US Army Signal Corps School in College Station, known today as Texas A&M University. A year later he famously founded the American Meteorological Society. His work not only brought together the meteorological community in 1919, but he also made a huge impact in the study of meteorology at A&M.



Charles Franklin Brooks

### A&M School of Pilot Balloon Instruction:

While Charles Brooks worked at A&M in 1918, he started a school of pilot balloon (pibal) instruction. This was our first brush with meteorology! The data from the experiments that were performed at the Signal Corps School of Meteorology helped develop a new accurate formula for the rate of ascent of a pilot balloon. This was a very important discovery especially for the WWI effort in advancement of aviation at the time, an effort which Charles Brooks supported.



Example of 20th Century Pilot Balloon (History of Science Museum)

### A&M Local Chapter:

In 1956, the AMS local chapter at Texas A&M was created, making it one of the oldest student chapters.

## Chapter Fun

Once a month, TAMSCAMS offers its members a little break from the stresses of college by hosting a social hangout. This year we've had a spooky movie night in the O&M observatory, attended one of A&M's girls soccer games, took a trip to Blaze Pizza, and held multiple tailgates before home football games. As always, we also hosted our two popular end of the semester parties: Spring Fling and Fall Ball.



Left: Spring Fling



Right: Spooky movie night with costume contest

## Volunteering

TAMSCAMS participates in several volunteering opportunities in the community each year. We always participate in some of A&M's biggest community service events like Big Event and Aggie Replant. We also volunteer for Physics Fest and Weather Fest where children highschool age and younger get to learn about weather fundamentals and cloud formations through hands-on activities and demonstrations.



## Monthly Meetings

Every month we hold a meeting where we invite professionals from the meteorological work force to come give insight and advice to our members about their specific field of work. This helps students prepare for the real world application of meteorology and shows them the different opportunities for jobs.



## Officers

Contact Us:

TAMSCAMS: [tx.ag/tamscams](https://tx.ag/tamscams)

TASC: [goo.gl/50bBVU](https://goo.gl/50bBVU)



Officers: (Left to Right)

Leanne Blind (President)  
Erin Sherman (Vice President)  
Jackson Chastain (Treasurer)  
Nadia Partida (Secretary)  
Marcus Watkins (Social Chair)  
Rachel Eldridge (Historian)

TASC Coordinators: Brandon Gale, Miles Langfeld, Matthew Brown

Broadcasting Coordinators: Dan Mathewson and Jeanette Gallardo



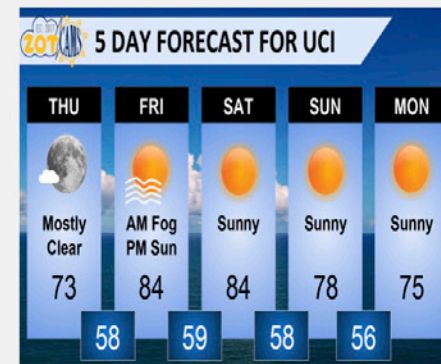
# Student Chapter American Meteorological Society



The mission of **zotCAMS** is to foster undergraduate and graduate student interest in atmospheric science... We strive to expand the image of atmospheric science, especially by encouraging participation from underrepresented groups.

## BIG IDEAS

- **Increase** undergraduate participation/involvement
- **Collaborate** with local environmental organizations in Orange County, California
- **Improve** zotCAMS website functionality



## EDUCATION

- Created a monthly workshop series on the nexus of weather and climate in Southern California
- Lightning talks on careers and other **professional opportunities** within atmospheric science

"The Student Chapter of the American Meteorological Society at UCI (zotCAMS) affirms our commitment to provide educational resources on how and why Earth's climate is changing. We agree with the international scientific consensus that human activities are responsible for Earth's climate warming. Without a dramatic reduction in future greenhouse gas emissions, harmful impacts will threaten society, ecosystems, and biodiversity."

– **zotCAMS Climate Change Statement**

# Chapter of the American Meteorological Society at UCI

graduate involvement in atmospheric and climate  
science and climate science by enhancing diversity,  
and underrepresented minorities in STEM fields.



@zotCAMS



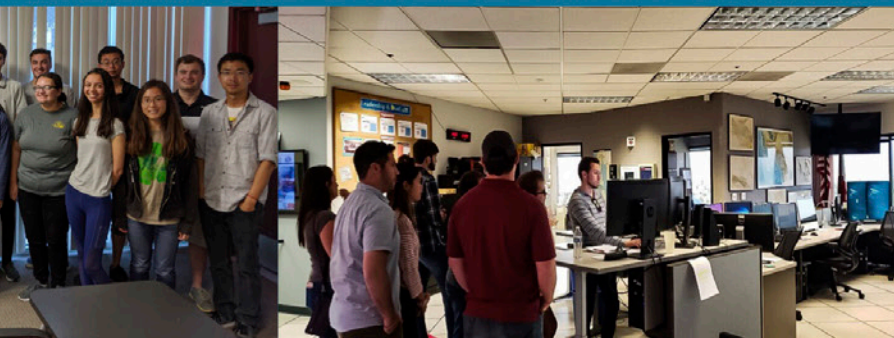
@zotCAMS



Public  
group:  
zotCAMS



zotCAMS@uci.edu



## OUTREACH

- Participation in numerous campus **involvement fairs** and special events (2018-2019)
- Weather activity booth at the 2019 Earth Day Event at Vista Verde K-8 school in Irvine, CA



## EDUCATION

Workshop  
on extreme  
climate  
change

Peer and  
mentorship  
opportunities  
and experiences



<https://sites.uci.edu/zotcams/>