

**American Meteorological Society**  
**Iowa State University Student Chapter**  
**Tuesday, August 25<sup>th</sup> at 7:00 p.m., Troxel 1001**  
<http://www.meteor.iastate.edu/ams/>

Meeting start: 7:10

Meeting end: 8:23

Meeting Count In-Person: 72

Meeting Count Virtually: 7

**President- Natalie Trout**

Contact: [pres.isuams@iastate.edu](mailto:pres.isuams@iastate.edu) or [njtrout@iastate.edu](mailto:njtrout@iastate.edu) or 319-594-4232

- Welcome back! It has been a LONG 182 days since we last met!
- Discrimination Statement: [Roberts Hall Incident- Statement](#)
- [Covid Policies](#)
- Contact Tracing selfie! (also for the social media accounts)
- You must RSVP to attend meetings and be a paid ISU AMS member!
  - We are trying to get a variety of students in our meetings
  - RSVPs will be sent out on Sunday Night
- **101th** AMS Annual Meeting - New Orleans, LA
  - The meeting is now virtual :( but you should still participate!
  - More details to come soon!
- NWA Representative Elections
  - At first NWA meeting
    - September 9th, 2020
  - Elected by NWA, then AMS approves
- We need everyone's email address!
  - You will be a member of AMS on Student Org website
  - You will get an email from the student org office, please accept to be in AMS! If you do not, you can't come to events

**Vice President- Clair Womack**

Contact: [cmwomack@iastate.edu](mailto:cmwomack@iastate.edu) or [vp.isuams@iastate.edu](mailto:vp.isuams@iastate.edu) or 940-765-0407

- ISU Solar Car Team - Meteorologists Wanted!
  - Presentation by Austin Beinder, Strategy Director for the Solar Car Team
    - Learn about the history and mission of their team
    - The strategy team is looking for a meteorologist to help them understand how the weather is impacting their car and its performance
  - Interested in joining Solar Car? Contact Austin!
    - Phone: 636-395-8270
    - Email: [abeinder@iastate.edu](mailto:abeinder@iastate.edu)
- NEW: Attendance System - [ezcheck.me](https://ezcheck.me) Get your phones out!
  - You can download the app but it is not required.
  - Before each meeting, please scan the QR code and enter your ACTUAL FIRST AND LAST NAME

- As a student org, we are required to collect accurate attendance to aid in contact tracing should one of us test positive for COVID-19, so please take this seriously
- NEW: [Anonymous Member Feedback Forum](#)
  - Utilize this tool to submit feedback, constructive criticisms, and questions for our chapter and cabinet members.
  - You also have the opportunity to submit event ideas!
  - Natalie and I are the only ones with access to submissions.
  - **This forum is completely anonymous.** We will not be collecting names or emails. We will address questions and concerns at the meeting following the submission.
  - **Contact Natalie or I directly for urgent matters**
- Fall Clothing!!!
  - [New design](#) by Allysa Dallmann
  - [Rain Jacket Embroidery](#)
  - [Basic Looks](#)
  - VOTE: to spend \$2,710.20 on merch for fundraising and member purposes
    - Nathan motions
    - Teryn seconds
    - Voted yes:
    - Profit of roughly \$3,000 expected
  - Merch ( short sleeves, long sleeves, crewnecks, rain jackets )
    - Selling to alumni and friends/family via social media!!
  - [Order Form](#) due September 25th \*Pictures Coming Soon\*
    - create a *copy* to your [GoogleDrive](#) to edit, and then email it to me at [cmwomack@iastate.edu](mailto:cmwomack@iastate.edu) or [vp.isuams@iastate.edu](mailto:vp.isuams@iastate.edu) to submit
    - **Money will be due by September Meeting to Allysa or myself ( cash or check made out to 'ISU AMS' ) \*we do not have venmo/paypal\***

#### Treasurer- Allysa Dallmann

Contact: [dallmann@iastate.edu](mailto:dallmann@iastate.edu) or [treasurer.isuams@iastate.edu](mailto:treasurer.isuams@iastate.edu)

- Current balance - \$6,931.23
- AMS Dues: **Need by next AMS meeting (9/29)**
  - \$10 for National AMS Members
  - \$15 for Regular Members
  - Please make checks out to "ISU AMS"
  - You cannot attend events until dues are paid!
- Football concessions stands are a work in-progress, updates will be given when I find out more information

#### Secretary- Maddy Connell

Contact: [mconnell@iastate.edu](mailto:mconnell@iastate.edu) or 515-631-0372

- Can't make a meeting? Read the minutes! (Check your email within 48 hours)
- There will be puzzles at the end of the minutes!

#### Social Chair- Sydnie Tupy

Contact: [smtupy@iastate.edu](mailto:smtupy@iastate.edu) or [social.isuams@iastate.edu](mailto:social.isuams@iastate.edu)

- Online signup required
  - I need to know exact head count for each event

- If you can no longer attend, please change your answer from “I will be attending” to “I will not be in attendance.” After doing this, I will be able to remove you from my attendance list
- Each person will be allowed 2 “no shows” and 1 warning per semester. If you go exceed this limit, you will have to be removed from any event that fills up
- Social Chair Advice ([Survey](#))
  - Please fill this out to help me plan events when most people are available
  - It also helps me see which events people would prefer to attend
  - Please respond by **September 14th**
- Want to do an Intramural?
  - Offered Fall Sports:
 

<ul style="list-style-type: none"> <li>■ 4 on 4 Sand Volleyball</li> <li>■ Softball</li> <li>■ Bag Toss</li> <li>■ Tennis Singles and/or Doubles</li> <li>■ Curling</li> <li>■ Mini Golf</li> <li>■ Disc Golf</li> <li>■ Badminton Singles and/or Doubles</li> <li>■ eSports</li> </ul>	<ul style="list-style-type: none"> <li>■ Pickleball Singles</li> <li>■ 9 Ball Pool</li> <li>■ Indoor Volleyball</li> <li>■ Table Tennis Singles and/or Doubles</li> <li>■ 8 Bowl Pool</li> <li>■ Bowling</li> <li>■ 3 Point Shot Contest</li> <li>■ Virtual IM Trivia Challenge</li> </ul>
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  - If any of these interest you, please contact me
- Online Jackbox Night ([Sign Up Here](#))
  - Thursday, **September 10th**, at **6:00pm**
  - On Webex
  - Enjoy an evening playing games with your friends
  - Charged phone and computer are required
- Family Feud (Trivia Night) ([Sign Up](#))
  - Tuesday, **September 22nd**, at **7:00pm**
  - On Webex
  - Test your knowledge against your peers!
- Bonfire with GMC
  - Moved to April
  - McFarland Lake Park

**Outreach Chair- Jared Schadler**

Contact: [schadler@iastate.edu](mailto:schadler@iastate.edu)

- What is outreach?
  - Traveling to schools, science nights (during a normal year), weather awareness, and talking about meteorology as a career path
  - This year is a little different, likely all virtual
  - Still trying to figure out how to get people involved with virtual, but more information will be coming soon
- Signing up
  - I'll be using Google forms this year to avoid physical contact and for simplicity
  - If you do signup, but can no longer attend, please let me know so we can plan and prepare accordingly

- I'll send out emails at the beginning of each week with events
- Clubfest
  - Tuesday, September 8th- Thursday, September 10th, from 11-4 PM on central campus
  - There is also a virtual session with a pre-recorded video
  - More people = more fun, it's simple math, so let's go find some more friends!
  - Let me know if you are interested in helping staff the table
    - Sign up [HERE](#)
- Prairie Trail Elementary Club
  - Meets once a month
  - Day of the week will be determined soon
  - Likely all virtual this year
- School Visits and More
  - None scheduled so far as schools are still deciding between in-person or virtual instruction and policies for outside visitors
  - I'll let you know as events come up, but they are likely going to be all virtual
  - I am going to try my hardest to everyone involved since that was my favorite thing last year!
  - To all the new people, welcome, and I hope to see you around

**Academic Chair- Kevin Greene & Nathan Erickson**

Contact: Nathan- [nathane1@iastate.edu](mailto:nathane1@iastate.edu) and Kevin- [kgreene@iastate.edu](mailto:kgreene@iastate.edu)

- Welcome new students! If there's anything you're wondering about as you start classes from an academic point-of-view, feel free to email one of us, or ask us sometime, and we'll do our best to help connect you to the resources you need
- Class Email Lists
  - Sign up for classes [here](#)
  - For review sessions and any other assistance
  - If there is a class you would like assistance in that is not yet on the document, please reach out to us in person or via email ([academic.isuams@iastate.edu](mailto:academic.isuams@iastate.edu)).
  - Also, if anything comes up in the first couple weeks of classes that you'd like a special review session for, please ask!
- Academic Resources
  - Take advantage of the many resources available for you at ISU and within meteorology!
    - SI - Held virtually over Zoom - [Link to SI website](#)
    - Tutoring - Held virtually over WebEx - [Link to tutoring website](#)
    - [Academic Success Center](#)
    - AMS Review Sessions
  - See: <http://www.meteor.iastate.edu/ams/resources/academic-resources/>
- Scholarship/Internship Updates
  - Check out our pages on the website
    - [Scholarships](#)
    - [Internships](#)
    - Know of something that isn't on here? Let me know and I'll share it!
  - Seniors interested in graduate school and a research career: check out the [NSF Graduate Research Fellowship Program](#). Applications due October 22nd for students studying geosciences
  - Not many applications are open now, however, several scholarships and REU applications will open up later in the fall. Use this time now to brush up on your

personal statement writing skills and to update your resumé/list of activities and experiences. The [ISU Writing and Media Center](#) can help with this

- Review Sessions
  - All review sessions will be in full compliance with Event and Meeting Guidelines, as issued by the Student Activities Center
    - Namely, review sessions, if held in person, will likely be in Agronomy 2050; attendees will be required to RSVP, check in with Kevin/Nathan to verify that they are signed in, wear a face covering and socially distance
      - 50% capacity at these meetings (or less)
      - Attendees at in-person sessions **MUST** be AMS members
      - Bringing personal computers is highly encouraged since no public computers are available
    - To determine when a review session will be held, we will first send out an email to those signed up for the class list, at least one week before the exam, or ASAP
      - Once this date has been determined, we will communicate explicitly when the review session will be held and when sign-ups to attend in-person will open up (these will be offered on a first come, first serve basis)
    - Review sessions will also be made available synchronously for students who do not/cannot attend in-person through WebEx or Zoom
      - Additionally, review session material may be worked through and uploaded in an asynchronous material for students to view at any time following the review session
    - If meetings overflow allowed capacity, we will try to hold a second session in the same week
    - [Google Form](#) on Review Sessions
  - Learning Community Math Tutoring
    - Contact [Aaryn Graeve](#) and/or [Allysa Dallmann](#) for details
    - Tutoring sessions for any math class, with emphasis on the courses most commonly taken by incoming students
    - FREE! (provided by the department)

### **Forecasting- Mark De Bruin**

Contact: [mdebruin@iastate.edu](mailto:mdebruin@iastate.edu)

- WxChallenge -- [Homepage](#)
  - Improve your forecasting skills, compete against other schools, and build your resume
  - New WxChallenge website layout!
  - Information
    - Registration:
      - One Semester - \$3
      - Both Semesters - \$5
    - Registration opens **September 10th**
    - Forecasting will begin on **September 28th**
  - Please fill out this [Interest google form](#) by **September 1st**
  - Commitment Contract

- \$5 deposit
  - After missing three forecasts you will lose \$3 of your deposit and after missing five forecasts you will lose the rest of your money
  - If you want your \$5 back, FORECAST!
- What I'll need from you:
  - A 6-Character Username
  - A 9-Character Password
  - Your Registration and Deposit fees
  - Grade Classification
  - I'll need all of these by **September 16th**
- WxChallenge Info Meeting
  - I will be holding a meeting for WxChallenge information online in a video call on **September 23rd, at 8:00 P.M.**
- Forecasting Tips Session
  - Practical tips specifically for improving your WxChallenge forecasting
  - Video will be posted as a resource to use throughout the season. This will be ready to go by the first forecast as well
- Please contact me by email with any questions you may have

**Webmaster - Tyler Mercurio**

Contact: [mercurio@iastate.edu](mailto:mercurio@iastate.edu)

- Once you have paid your dues, I will add you to the email list
- Virtual meetings available for this year
- Take a look at the ISU AMS [website](#)
- Join the ISU AMS [Facebook Group](#)
- Like our chapter on Facebook, follow us on Twitter, and check us out on Instagram!
  - [Facebook](#)
  - [Twitter](#)
  - [Iowa State University AMS \(@isuams\)](#) • [Instagram photos and videos](#)
- Be sure to like and follow the new [EWF Learning Community Instagram](#)

**Historian- Aaryn Graeve**

Contact: [agraeve@iastate.edu](mailto:agraeve@iastate.edu)

- Upload weather/club pictures to [photo circle!](#)
- The [ISU AMS website](#)
- Join the [ISU AMS Facebook Group](#)
- Be sure to like and follow the new EWF Learning Community Instagram (@earth.wind.fire.lc)
- [Photos of the Month](#)
- Club Photo of the Month Winner:



- Weather Photo of the Month Winner:



- Follow us!!! Twitter & Insta @ISUAMS

### **NWA Rep - TBD**

- First meeting!
  - Wednesday, September 9th, 7pm!
  - Hosted online
  - Four officer chairs open
- We need an NWA Liaison! Interested? Come talk to Natalie!
- Central Iowa NWA Conference
  - 2021 dates to be determined
  - In Ankeny? Online? It'll be one of the two!
- Who in here likes weather?! Join NWA!



### **Past President- Sara Foernssler**

Contact: [sfoernssler7@gmail.com](mailto:sfoernssler7@gmail.com)

- Welcome freshman and new students! And welcome back everyone else!
- A huge congratulations to last year's cabinet on receiving 3rd Place Honor Roll for National AMS! It was truly a privilege to lead such a talented group!
  - Some advice I have:
    - Stay/get involved with AMS. You'll meet friends who will be in your classes, people to study with, people who you can suffer through calculus and physics with, too!
    - You're probably going to fail at something and that's okay. This major is tough, classes get tougher, and it can be overwhelming sometimes. I ended up having to retake calculus one my freshman year, but it was just a minor setback. If you're passionate about this field, just keep moving forward
    - Please join Cy's Eyes. We need more students to get involved in broadcast meteorology to keep this club going! I went my freshman year as a joke and now it's my full time job. Give it a chance if you're interested!
    - P.S.- Good luck to the seniors with thesis! Getting a week less than everyone else and doing most of it virtually will be challenging, but it'll all get done
- Pro tip: wear a mask and social distance everywhere so the seniors can actually walk in their graduation and finish the school year
- Feel free to reach out to me if you need anything!

### **Cy's Eyes Update- Benji Wyberg and Trey Fulbright**

Contact: Benji- [blwyberg@iastate.edu](mailto:blwyberg@iastate.edu) and Trey- [cf3@iastate.edu](mailto:cf3@iastate.edu)

- Why should you join us?
  - Not sure about broadcast? Try it out!
  - Great practice for building your resume and you'll learn how to make graphics
  - Lots of fun, and you can make new friends
- Information and interest meeting virtually on **Tuesday, September 1st, at 6:00 PM**
  - Look out for an email with more information
- Potential show changes (layout, more practice times, social media presence)
  - Accepting suggestions!
- The number of shows will be limited due to current health/safety guidelines this semester
- Check us and Iowa State Weather out
  - [Subscribe to our Youtube channel](#)
  - [Like us on Facebook](#)
  - [Follow us on Twitter](#)
  - [Watch Live!](#)

### **Sophomore Chair - Lilly Otterson**

Contact: [otterson@iastate.edu](mailto:otterson@iastate.edu) or 507-251-0259

- AMS Spotlight Freshman
  - Every meeting I will choose a couple of freshmen to shine the spotlight on!
  - Use [this Google Form](#) to answer fun questions about yourself
  - Throughout the semester, I will use your answers to introduce you to the rest of AMS
  - This is a great way for upperclassmen to get to know you!
  - Want your dues paid for? Fill out the Google Form by **September 21st** and you'll be entered into a drawing for free dues! (3 Winners)



- Speed Friending
  - Come get to know the upperclassmen at the end of our next AMS meeting! For the purposes of this meeting, I will make sure that everyone is sitting next to someone they are not quite familiar with yet
- Exam Dates/Times
  - Please fill out [this form](#) with all the exam dates and times for each of your classes. I would like everyone to fill out this form, not just new students, so that it is easier to plan events and study sessions
- Chem 163 Exam Review Sessions
  - Ada and I will hold Chem 163 tutoring sessions before the exams. Fill out the form from the above bullet point, and we can find times to study as a group before your exams
- Canvas Walkthrough
  - A walkthrough of how to use Canvas is coming soon! I know I struggled with it last year, so I want to help you guys out as best as I can
- Freshman
  - GET INVOLVED!
  - Talk to some of the upperclassmen!
  - Participate in these awesome events (Cy's Eyes, AMS meetings, Math tutoring with Allysa & Aaryn , etc.)
- Text or email me with any questions or concerns you have about being a Cyclone here at Iowa State and have an awesome first few weeks!

**Next Meeting:**  
**Tuesday, September 29<sup>nd</sup> at 7 pm**

#### 2020-2021 ISU AMS OFFICERS

PRESIDENT	Natalie Trout	pres.isuams@iastate.edu
VICE PRESIDENT	CLAIR WOMACK	vp.isuams@iastate.edu
TREASURER	ALLYSA DALLAMNN	treasurer.isuams@iastate.edu
SECRETARY	MADDY CONNELL	secretary.isuams@iastate.edu
OUTREACH	JARED SCHADLER	outreach.isuams@iastate.edu
SOCIAL CHAIR	SYDNE TUPY	social.isuams@iastate.edu
ACADEMIC CHAIR	KEVIN GREENE/NATHAN ERICKSON	academic.isuams@iastate.edu
WEBMASTER	TYLER MERCURIO	webmaster.isuams@iastate.edu
HISTORIAN	AARYN GRAVE	historian.isuams@iastate.edu
SOPHOMORE CHAIR	LILLY OTTERSON	sophomore.isuams@iastate.edu
PAST PRESIDENT	SARA FORENSLER	sfoernssler7@gmail.edu
NWA REPRESENTATIVE	TBD	TBD
FORECASTING CHAIR	MARK DEBRUIN	mdebruin@iastate.edu

CEOTS PRODUCER 1

BENJI WYBERG

blwyberg@iastate.edu

CEOTS PRODUCER 2

TREY FULBRIGHT

cf3@iastate.edu

### Hurricane

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QQXMVQSYOUBATADPGCHFICWJVZ
MEWVOFGIHAJVSFEAOCUKRLLLS
ZQLNNYGUSKSEVILRBPOIJPWFZQ
CVLAVPGLVFFRMEIXVIBXWBJGBU
PMPDCXSEOIITVOZMDROPSONDEH
XAHTGSEVRSRMLWYCCPZDTRKRKV
REKXFMNQYUYIJEOKWFKOVKLI
NRNWFBEONTSHALMKGBDEFUCEEP
RTXEUZWWSEISRSCLPERXSDILCA
XSGYPIRPFPTCEFXVPUETKYAONX
XFUNMBCFLEMGORVSSYBZTQJQEZ
CLULVEEMRDIIDLPSFEGFGPIQGA
UUBVOCOLWCIOSXECAQPUPYIURZ
HGVBTCYLYSOGIRPVI VDXFIMXEL
MVS VWWC GKABQP BINDRORTSDMVC
LBEZAMREBYSCQCVFURELZFYJNI
IADVEQTSELIGCSBDFSAHTIFSOO
JPEHACIOPRIA IYERNATWPDUZCP
VVS DHVEUTMJZ EGRMDFSORS GXEI
RNTWWGXEZE BEDEF PZWMKYOOZAY
MAXIMUMSUSTAINEDWINDSPFMWN
ODXRCOAOWTTFIHSDNIWIMQEVTD
BMTSRQIVLCONVECTIONTBSIZRA
HDNAHEDMPGXSOBUKHRQWLDMMJH
JOBHDWKYNRS AKFVSSMACLHQRXM
OYJRKQCXIRHLRYRZRAMNDETOYJ

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ATMOSPHERIC PRESSURE  
 BAROMETRIC PRESSURE  
 CONVECTION  
 CONVERGENCE  
 CORIOLIS EFFECT

DATA BUOYS  
 DROPSONDE  
 EASTERLY WAVE  
 EYE  
 FORWARD VELOCITY

GALE  
 GULF STREAM  
 MAXIMUM SUSTAINED WINDS  
 SAFFIR SIMPSON SCALE  
 WIND SHIFT

Original word search found at [Hurricane Word Search Puzzle](#)