

**American Meteorological Society**  
**Iowa State University Student Chapter**  
**Tuesday, August 24<sup>th</sup> at 7:00 p.m., Agronomy 3140**  
<http://www.meteor.iastate.edu/ams/>

Meeting start: 7:10

Meeting end: 8:13

Meeting Count In-Person: 63

Meeting Count Virtually: 3

**President- Nathan Erickson**

- [Kahoot](#)
- Welcome back, AMS!
- Contact: [nathane1@iastate.edu](mailto:nathane1@iastate.edu) or [pres.isuams@iastate.edu](mailto:pres.isuams@iastate.edu) or (913)-689-5604
- 102nd Annual AMS Meeting
  - In Houston, TX this year - January 23rd - 27th, 2022
  - Yes, it costs money...but it's worth it! (And we have plenty of fundraising opportunities)
  - If you're interested in attending, you need to get in contact with myself or Maddy **before the next meeting** (on September 28th)
  - Any questions, please contact me!

**Vice President- Madelynn Wuestenberg**

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

- Attendance
  - Please use the scanner at the front of the room if you haven't yet
    - This is back to the olden days, yee haw!
- Fall Clothing back again
  - [design](#)
  - [Basic Looks](#)
  - \$15 for tee
  - \$20 for crew neck
  - Feel free to reach out to Maddy or Delenn if you want to order any clothing
- [Anonymous Member Feedback Forum](#)

**Treasurer - Delenn Palmer**

Contact: [dgpalmer@iastate.edu](mailto:dgpalmer@iastate.edu) or [treasurer.isuams@iastate.edu](mailto:treasurer.isuams@iastate.edu), or (605)-321-4462

- Current balance - \$6,176.23
- AMS Dues: **Need by next AMS meeting (9/28)**
  - \$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!!!!
  - [Sign up](#) for all dates that you Know you can go to!

I have all the dates for this year - the first one is Labor Day weekend (Saturday the 4th) and we need volunteers!

Our next date is for Saturday September 11th! The CyHawk Game!

**Secretary- Tyler Mercurio**

Contact: [mercurio@iastate.edu](mailto:mercurio@iastate.edu) or [secretary@iastate.edu](mailto:secretary@iastate.edu) or (224)-406-2420

- Can't make a meeting? Read the minutes! (Check your email within 48 hours)
- There will be puzzles at the end of the minutes!
  - Feel free to submit your own puzzle to me it may be included in next meetings minutes
  - This could be a word search, maze, crossword puzzle, and any other idea you may have

**Social Chair- Teryn Mueller**

Contact: [muellert@iastate.edu](mailto:muellert@iastate.edu) or [social@iastate.edu](mailto:social@iastate.edu) or (319)-427-3943

- Covid Restrictions
  - Almost everything is back to normal!
- Sign up not required but recommended
  - Used for car rides and other logistics for the event
- Week Availability and Social Ideas
  - Will send out in a few weeks
- Want to do an Intramural?
  - To register an account: <https://www.recservices.iastate.edu/reginfo/>
  - Offered Fall Sports:

|                                    |                                       |
|------------------------------------|---------------------------------------|
| ■ 6 v 6 Sand Volleyball            | ■ Pickleball                          |
| ■ Spikeball                        | ■ 9 Ball Pool                         |
| ■ Flag Football                    | ■ Indoor Volleyball                   |
| ■ Boulder Competition              | ■ Table Tennis Singles and/or Doubles |
| ■ Bag Toss                         | ■ Top Rope Competition                |
| ■ Curling                          | ■ Bowling                             |
| ■ Mini Golf                        | ■ 3 Point Shot Contest                |
| ■ Disc Golf                        | ■ Virtual IM Trivia Challenge         |
| ■ Badminton Singles and/or Doubles | ■ Trivia Contest                      |
| ■ eSports Smash Bros               | ■ NCAA Bowl Pick'EM                   |
| ■ eSports Valorant                 |                                       |
  - If any of these interest you, you should try them out!
  - Need help Signing up? Feel free to contact me!
- Departmental Picnic
  - Thursday, August 26th, at 5:00pm
  - [Hickory Shelter in Brookside Park](#) , Green
  - Food and beverages around 5:30pm
- Disc Golf/Sand-Volleyball
  - Sunday, August 29th, Disc Golf at 3:00pm and 5:00pm Volleyball/Nuke 'Em
  - [At Carroll Marty Disc Golf Course \(Gateway Park\)](#), Brown
  - Disc Golf is an easy game through a really nature friendly park
  - Discs are provided
- Ledges State Park
  - Sunday, September 12th, at 1:30pm
  - [Only 20 minutes away](#)

- Rides leave at 1:30 North Agronomy Parking Lot
- One of Iowa's best State Parks
- Trivia Night
  - Wednesday , September 22nd, at 7:00-10pm
  - Rides leave at 6:45pm North Agronomy Parking Lot
  - At West Town Pub
  - Very good and cheap food and drinks
- Bonfire with GMC
  - Friday, September 24th, or October 1st
  - McFarland Lake Park
  - Annual AMS vs GMC football game
- Football Pick 'em
  - Pick every FBS football matchup and spread (There are 40-50 games a week, and it takes around 5 minutes to fill out)
  - Weekly winners and prizes, along with a cumulative score
  - Will be governed through a spreadsheet and don't have to follow football to win

### **Outreach Chair- Zachary McDaniel**

Contact: [zsm@iastate.edu](mailto:zsm@iastate.edu) or [outreach@iastate.edu](mailto:outreach@iastate.edu)

- What is outreach?
  - Traveling to schools, science nights, weather awareness, and talking about meteorology as a career path
- Outreach Committee
  - Something new we'll be trying out this year
  - Meant to mainly spread outreach work among multiple people who will work events with (and in some cases in place of) me.
  - Also meant to get people involved in outreach events!
  - If too many people express interest, we'll have an application to decide 9 gets on the committee
    - Sign up [HERE](#)
- Clubfest
  - Wednesday, September 8th from 11-4 PM on central campus
  - There is also a virtual session with a pre-recorded video
  - More people = more fun, so let's go find some more friends!
  - Let me know if you are interested in helping staff the table
    - Sign up [HERE](#)
- Signing up
  - If an event happens and we could use some more help outside of the Outreach Committee, I'll email out a sign up form that will be first come first serve
  - Google forms will be used to sign up for events
  - If you do sign up, but can no longer attend, please let me know so we can plan and prepare accordingly
- School Visits and More
  - Several schools have responded already, no visits officially set up yet
  - School events this year may be virtual or in person
  - Welcome to all the new members, and I hope to see you around!

### **Academic Chair- Danny Cassidy**

Contact: [dcass55@iastate.edu](mailto:dcass55@iastate.edu) or [academic@iastate.edu](mailto:academic@iastate.edu) or (651)-366-9286

- Hello new students and welcome back returning students! If there are any questions anyone has for starting up a class or for resources supporting these classes, feel free to contact me and I will help you to the best of my ability.
- 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 me 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 in-person.....for now - [Link to SI website](#)
      - Little biased but it's a tremendous and free resource!
      - Designed for difficult classes like MATH 165/166, CHEM 163, PHYS 221
    - Tutoring - Held in-person.....for now - [Link to tutoring website](#)
      - Costs \$5 dollars per session, meets at consistent times twice a week
      - Another great resource provided by Iowa State
    - [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
    - As of now, there are no limitations to our review sessions. Face masks are encouraged but not required
      - Potential hybrid of both in-person and online sessions are possible
      - Bringing personal computers is highly encouraged since no public computers are available
    - Review sessions can be made virtual too if there is a high enough demand. 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

- [Google form](#) on Review Sessions
- Learning Community Math Tutoring
  - Contact [Teryn Mueller](#) and [Marrisa Osterloh](#) for details
  - Tutoring sessions for any math class, with emphasis on the courses most commonly taken by incoming students
  - They are absolutely 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
  - 4 forecasts per week for various cities across the US
  - Don't need any previous experience to be on the team!
  - Information
    - Registration:
      - One Semester - \$3
      - Both Semesters - \$5
    - Registration opens **September 13th**
    - Forecasting will begin on **September 27th**
  - Please fill out this [Interest google form](#) by **September 13th**
  - 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 need from you:
    - Name on interest form
    - Registration fees to me or Delenn by next AMS meeting
    - Self registration this year!
  - WxChallenge Info Meeting
    - I will be holding a meeting for WxChallenge information Tuesday September 21 at 7pm
  - Forecasting Tips Session
    - Practical tips specifically for improving your WxChallenge forecasting (highly recommend for first year forecasters)
    - Thursday September 23 at 5pm
- Please contact me by email with any questions

### **Webmaster - Michael Ruth**

Contact: [mvruth@iastate.edu](mailto:mvruth@iastate.edu) or [webmaster@iastate.edu](mailto:webmaster@iastate.edu) or (630)-864-7429

- 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 [EWF Learning Community Instagram](#)

**Historian- Jacob Stichter**

Contact: [jes2@iastate.edu](mailto:jes2@iastate.edu)

- Upload weather/club pictures and videos 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)
- Submitted Photos will be narrowed down

- [Photos and Videos of the Month](#)

- Club Photo of the Month Winner:



- Weather Photo of the Month Winner:





- Video of the Month Winner: Zachary McDaniel
- Follow us!!! Twitter & Insta @ISUAMS

#### **NWA Representative - TBD**

- First meeting - September 1st @ 7 PM, Location TBD
- If you're interested in being NWA Representative, come talk to Nathan!
  - Great opportunity to get involved with cabinet and to get in touch with lots of local professionals
- Central Iowa NWA Conference
  - March 31st - April 2nd, 2022
  - In Ankeny? Online? It'll be one of the two!

#### **Past President- Natalie Trout**

Contact: [ntROUT@ttu.edu](mailto:ntROUT@ttu.edu) (but you all know that I answer texts 10x faster, read last years mins to find my number or ask Maddy WUESTENBERG... or anyone really)

- Welcome freshman and new students! And welcome back everyone else!
- Some advice I have:
  - Stay/get involved with AMS!! You'll meet your best 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 or have a setback, and that's okay. This major is tough, and it's only going to get worse. Keep pushing through it, because when you get to walk across the graduation stage, it is the best feeling ever

- **JOIN CYS EYES!!!!** We need more students to get involved to keep this club going! I went my freshman year for fun and it ended up being where I met my best friends and is where some of my best memories are from #NatalieshouldrunA&VoverJJandBenji
- Good luck to the seniors with thesis! This is going to be your best and worst semester... you can do it! If you ever need a rant or need anything, you can always reach out!
- Go to the AMS conference! If you fundraise (\*cough for the #7 ISU Cyclones), you rarely have to pay much and it is so fun! And I'm going so you can come see me at the TTU booth... and maybe Allysa????
- Get involved with outreach!! I was an outreach chair and can promise it will be so fun (also where Whirly woo started)!!! Also having friends makes Zach's life 10x easier
- Feel free to reach out to me if you need anything!

### **Cy's Eyes Update - Trey Fulbright and Trevor Roubadeaux**

Contact: Trey - [cf3@iastate.edu](mailto:cf3@iastate.edu) and Trevor - [trevorr2@iastate.edu](mailto:trevorr2@iastate.edu)

- **What?** Our on-campus student-led all weather broadcast (Think Local TV News, Weather Channel, etc.)
- **Why?**
  - Interested in broadcast meteorology? You need to be here :)
  - Not interested in broadcasting? Still check it out!
  - Great practice for building your resume, improving presentation skills, and creating compelling graphics.
  - Lots of fun, and you can make new friends!
- **When/Where?**
  - Information/Practice Session: **Tuesday, August 31st, at 6:00 PM in Hamilton Hall Studio (adjacent to Agronomy Courtyard)**
  - **Every Tuesday 6-7PM at Hamilton Hall Studio** until prep and finals week! *If interest and demand are stronger, we could also add in Thursday shows similar to pre-pandemic--so tell your friends and get involved!*
- Show changes (layout, more practice times, updates to graphics, social media presence)
  - **Accepting suggestions!**
- **Broadcast Meteorology Workshop**—Date TBD
- Check us and Iowa State Weather out:
  - [Subscribe to our Youtube channel](#)
  - [Like us on Facebook](#)
  - [Follow us on Twitter](#)
  - [Watch Live!](#)

### **Sophomore Chair - Nathan Sonntag**

Contact: [nsonntag@iastate.edu](mailto:nsonntag@iastate.edu) or [sophomore.isuams@iastate.edu](mailto:sophomore.isuams@iastate.edu) or (920) 809-6139

- **AMS New Student Spotlight**
  - Every meeting I will choose a couple of new students to highlight
  - Use [this Google Form](#) to answer fun questions about yourself that let us know you better
  - Throughout the semester, I will use your answers to introduce you to the rest of AMS
  - This is a great way for everyone to get to know you!
  - Want your dues paid for? Fill out the Google Form before **the next meeting** and you'll be entered into a drawing for free dues! (3 Winners!)
- Speed Friending w/ Root Beer Floats



- Tuesday, September 7th at 7 pm, Agronomy 3140
- Come to socialize and get to know other meteorology students
- Please fill out [this Google Form](#) to let me know if you are coming (not required, but strongly encouraged)
- Free Advice!
  - GET INVOLVED!
  - Get to know others in meteorology (yes, even the upperclassmen)
  - Participate in awesome events (Cy's Eyes, AMS meetings, Math tutoring, Social events, etc.)
- Text or email me with any questions or concerns you have about being a Cyclone here at Iowa State and have a great start to your semester!

**Next Meeting:**  
**Tuesday, September 28<sup>th</sup> at 7 pm**

#### 2021-2022 ISU AMS OFFICERS

|                    |                   |                              |
|--------------------|-------------------|------------------------------|
| PRESIDENT          | NATHAN ERICKSON   | pres.isuams@iastate.edu      |
| VICE PRESIDENT     | MADDY WUESTENBERG | vp.isuams@iastate.edu        |
| TREASURER          | DELENN PALMER     | treasurer.isuams@iastate.edu |
| SECRETARY          | TYLER MERCURIO    | secretary.isuams@iastate.edu |
| OUTREACH           | ZACH MCDANIEL     | outreach.isuams@iastate.edu  |
| SOCIAL CHAIR       | TERYN MUELLER     | social.isuams@iastate.edu    |
| ACADEMIC CHAIR     | DANNY CASSIDY     | academic.isuams@iastate.edu  |
| WEBMASTER          | MICHAEL RUTH      | webmaster.isuams@iastate.edu |
| HISTORIAN          | JACOB STICHTER    | historian.isuams@iastate.edu |
| SOPHOMORE CHAIR    | NATHAN SONNTAG    | sophomore.isuams@iastate.edu |
| PAST PRESIDENT     | NATALIE TROUT     | ntrout@ttu.edu               |
| NWA REPRESENTATIVE | TBD               | TBD                          |
| FORECASTING CHAIR  | MARK DE BRUIN     | mdebruin@iastate.edu         |
| CEOTS PRODUCER 1   | TREY FULBRIGHT    | cf3@iastate.edu              |
| CEOTS PRODUCER 2   | TREVOR ROUBADEAUX | trevorr2@iastate.edu         |

# WEATHER

## Word Search Puzzle



|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | D | K | A | T | G | E | Z | K | X | R | W | P | I | H | D | L |
| L | U | K | D | V | S | S | U | N | S | H | I | N | E | A | H | I |
| C | Z | H | U | R | R | I | C | A | N | E | F | L | O | O | D | G |
| F | N | L | N | V | I | A | O | L | T | F | M | Z | F | M | M | H |
| F | Y | C | S | I | T | Z | I | Q | O | A | I | A | O | O | T | T |
| K | G | B | M | Q | H | L | Z | N | L | U | Z | T | R | S | Z | N |
| X | G | H | F | D | U | Z | M | L | O | M | D | M | E | N | M | I |
| S | V | W | I | R | N | A | E | Z | E | F | J | S | C | N | S | N |
| E | N | I | A | O | D | Y | L | Q | Z | R | T | F | A | W | H | G |
| W | D | O | G | U | E | A | J | L | V | O | O | A | S | O | O | O |
| I | I | N | W | G | R | D | L | T | K | S | R | K | T | H | W | V |
| I | K | N | O | H | Y | M | N | Y | D | T | N | H | E | U | E | E |
| F | E | J | D | T | S | B | W | F | S | R | A | A | B | M | R | R |
| C | M | E | S | L | E | E | T | H | G | T | D | I | C | I | M | C |
| H | E | A | T | W | A | V | E | H | Q | E | O | L | F | D | I | A |
| O | I | A | K | D | S | C | Z | E | D | S | Q | R | Q | F | S | S |
| B | L | I | Z | Z | A | R | D | I | Q | U | J | G | M | T | T | T |



|          |           |          |
|----------|-----------|----------|
| BLIZZARD | HEATWAVE  | SLEET    |
| CLOUDS   | HUMID     | SNOW     |
| DRIZZLE  | HURRICANE | SQUALL   |
| DROUGHT  | LIGHTNING | STORM    |
| FLOOD    | MIST      | SUNSHINE |
| FORECAST | OVERCAST  | THUNDER  |
| FROST    | RAIN      | TORNADO  |
| HAIL     | SHOWER    | WIND     |