

## Meeting Minutes 9/6/19

- **Fall 2019 Officers:**

- President: Mackenzie James
- Vice President: Ryan Webster
- Treasurer: Jimmy Lilly
- Outreach Coordinator: Emily Walla
- Secretary: Madison Walder
- Equipment Manager: David Cantillo
- Tech Officer: Sammie Mackie
- Collin Lewin: Historian

- **Faculty Advisors:**

- Advisor: Dr. Yancy Shirley
- Astronomy Club Guest Speaker: Dr. Don McCarthy

- **What does Astro Club do?**

- Star parties: Outreach! We bring engaging activities such as crater making and planet painting as well as our telescopes to show people the cool things about space! We do STEM nights at schools as well as private events for the community!
- At the meetings: We share and discuss some Astro News of the Week as well as our Astronomy Question of the Week!
- ATOMM/TIMESTEP: Help with navigating college and careers specifically for astronomy (and physics) majors!
- Internal activities: club picnic, movie/game nights, pumpkin carving, telescope training
- Introduction to research!
- AAS!
- Internal Symposium!
- Traveling (Conferences, club trips, telescopes)
- Relay info about scholarships, job opportunities, and more!

- **ATOMM (Astronomy Tutoring or Majors and Minors):** Need help with math, physics, or astronomy? Want a place to study with friends?

Stop by *EVERYDAY* b/w 2-4pm @ Parker Library, outside N305. Get to know people in your major and work together, while also having upperclassmen available to help!

- **TIMESTEP:** TIMESTEP is a discussion group about topics of professional development for undergraduates in STEM fields at U. Arizona with a specific focus on supporting students who are under represented minorities (URMs). Next Meeting; What it's like to be a Graduate Student -> on October 9th in PAS 218. Hear from a panel of UA graduate students in physics and astronomy about the realities of graduate school and why they chose to pursue a PhD.

- **Astronomy Question of the Week:**

- Presented by Dr. Don McCarthy!
- This image is from Yancy in Skogafoss, Iceland



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- From Yancy: It's 2pm locally and I setup with the Sun directly behind me.
- What's the approximate elevation of the Sun? My latitude is 63.5 N. Rainbow is 30 degrees under the horizon, therefore Sun's elevation is 30 degrees
- Is this image fake news?



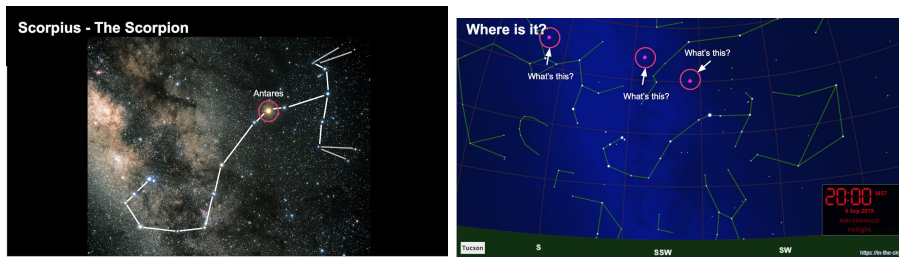
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- Solar eclipse on July 2nd, 2019. China's Longjiang-2 microsats was flying over the farside of the Moon when the eclipse began.



- Check out this video! -> solar eclipse, 2 shadows?  
<https://www.youtube.com/watch?v=RIVXZtcXxzg>

- **Constellation of the Week:** Presented by Sammie Mackie! This week is Scorpius! Check out the mythology behind it at

<https://www.constellation-guide.com/constellation-list/scorpius-constellation/>



- **VLBA Dish Walk with Space Grant:** Astro club will be joining the UA Space Grant Interns on a tour/walk of the VLBA Dish on Kitt Peak. It will be on September 21st . The Time is TBD (probably 1pm??). Only can bring 30 members though. The sign up sheet will be out next week
- **Club Picnic:** Will be on September 28th at Windy Point, on Mt. Lemmon. We'll have a picnic and then star gaze! Leave Steward Observatory south parking lot at 4:00 pm. Please bring food item to share (not messy/needs to be frozen), or \$5 food donation. The sign up sheets will be sent out!
- **235th Meeting of AAS:** It will be in Honolulu, Hawaii from January 4-8th. You will have to register by September 25th, and abstracts are due October 8th. We will be taking Seniors (Presenting and grad school info) and juniors that are presenting

#### Apply for Fall Preview



- **Apply for Fall Preview!** Explore a Michigan PhD - October 31-November 2, 2019  
Application due September 15th, will send out link for application if you're interested! The Department of Astronomy invites juniors, seniors, recently graduated students, and Master's students to visit us for a preview event.  
<https://lsa.umich.edu/astro/graduates/apply-for-fall-preview0.html>



- **Apollo Remembered:**
- **Physics club:** Meets every other Wednesday at 5pm in PAS. Next meeting will be on September 11th.
- **If you didn't get your T-Shirt from last semester please do so by 9/20**
- **Astronomy Majors Lounge:** New location starting next Monday!
- **Astronomers:** If you have a snack attack, look no farther than Astronomers! The unofficial Astro Club snack store on 3rd floor outside Parker on the bookshelf. It's restocked every week, and open to everyone, including faculty. Honor system payment
- **Please pay your dues!** They are \$10 a semester. They help provide funds for trips, snacks, cool activities, shirts, etc. Also if you want to attend one of our internal events such as the club picnic and the dishwalk, you need to have paid your dues!

Welcome back to another semester full of shenanigans and space appreciation! And if you're new, welcome to Astro Club! :)