

Meeting Minutes 11/1/19

- **ATOMM (Astronomy Tutoring or Majors and Minors):** It's midterm season lads. We're gonna need all the backup we can get.

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:** Next Meeting; Graduate School Application Workshop #1 -> on November 6th in PAS 218. Bring a draft of your personal/research statements for grad school to be reviewed by faculty. RSVP required - please email timestepUA@gmail.com

- **Astronomy Question of the Week:**

- The image Don shows is taken by astronaut Christina Koch, it is star trails from the ISS

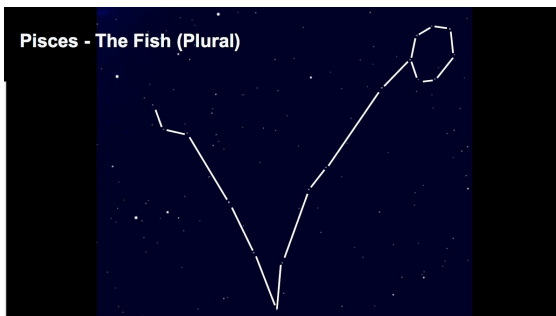


-
- How long is the picture? Which way is north? Altitude of ISS? What are the other curved lines? Which way is the ISS moving? Constellation?
- The ISS is a few hundred kilometers, it is moving from west to east (takes advantage of the Earth's rotation speed), the bright spots is lightning over the red sea. The arc just above the lightning is the airglow of the Earth's atmosphere. Don used a protractor to figure out the angle at which the star trail is "rotating" around the central point, as well as the exposure time to determine which way you're looking. How do you figure out constellations for star trails?
- Ryan had a question! Why do bright stars appear bigger than dimmer stars?
- The light from stars travels through the same amount of atmosphere/telescope etc. so they should all be "blurred" the same amount, so why do they look different? Check out the article about it on

sky and telescope ->

<https://www.skyandtelescope.com/astronomy-resources/astronomy-questions-answers/if-stars-appear-as-points-why-are-some-stars-big-and-some-small-in-different-images/>

- **Astro News of the Week:** No one signed up :(
 - **Pls sign up y'all it's super chill and fun, the sign up sheet is out! ALSO if you sign up and present, you'll get a free Astro Club shirt of your choosing**
- **Constellation Corner:** Presented by Sammie Mackie! This week is Pisces - The Fish - (Plural) Check out the mythology behind it at <https://www.constellation-guide.com/constellation-list/pisces-constellation/>.

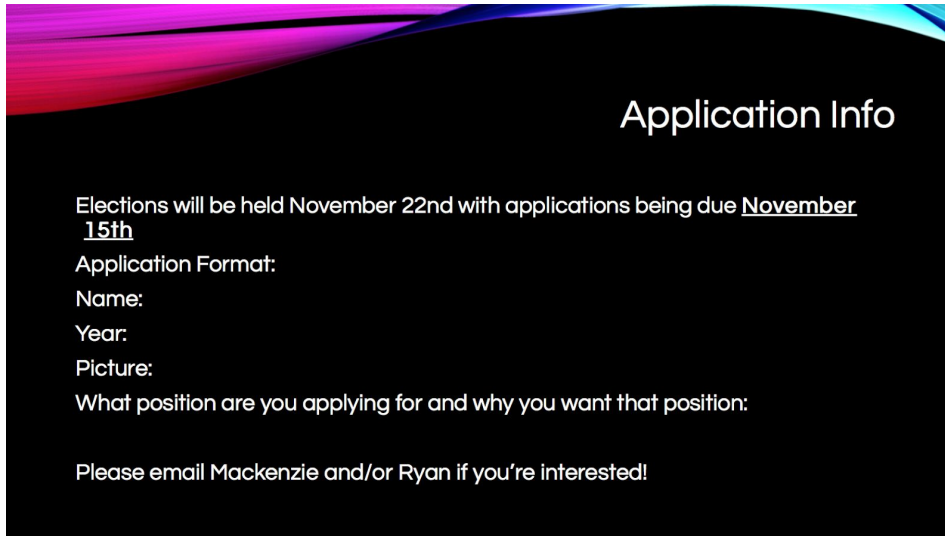


- **Arizona Theater Company Presents, Silent Sky:** It is a production about Henrietta Leavitt, she helped classify cepheid variables as standard candles. It will be Friday October 25th-Saturday November 9th every night except for on Mondays.



- **Club Picture:** Today after the meeting! Make sure you wear your coolest space stuff!

- **Send your pictures from this semester! Link sent by Collin! Due by November 15th!**
- **Astronomy Club Officer Elections:** Elections will be held on November 22nd and applications will be due the week before (November 15th). The “application” being your name, your year, what position you’re running for, and a short blurb about yourself!

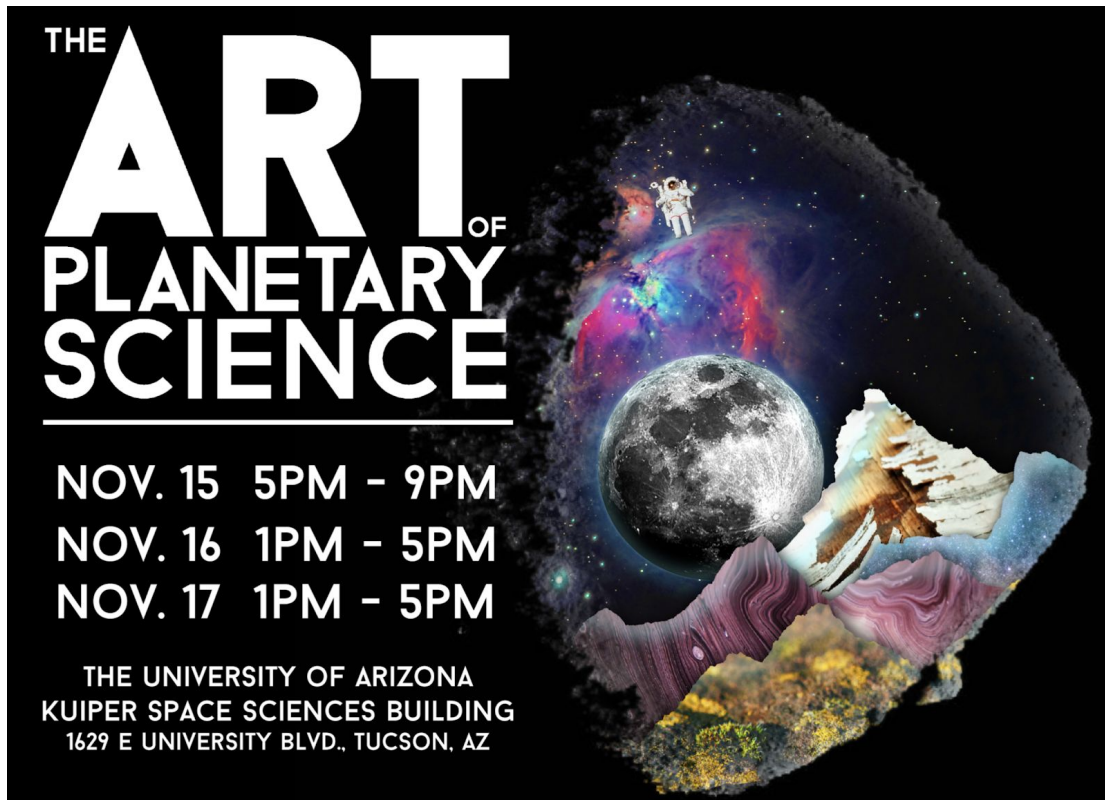


Here's some info about each position:

- President:
 - In General: Knows What's Up at all times with astro club
 - Includes club events, star parties, funding, etc.
 - Liaison to university community Official representative of club
 - Runs club and officer meetings (should be comfortable talking in front of large groups of people)
 - Inspires enthusiasm for astro club!
- Vice President:
 - Help president with anything they may need
 - Organize and coordinate club events
 - Responsible for sending information about club events to members
- Treasurer:
 - Maintain accurate and current account of all organizational funds
 - Ensure club members pay semester dues
 - Authorize purchases for club activities/events
 - Reach out to ASUA for supplemental funding when needed
- Outreach Coordinator:
 - In General: Organize Star Parties
 - Organize star parties and come up with new activities,

- Manage star party activity inventory
 - Liaison between Astro Club and the Public
 - Secretary: (oh wow that's me)
 - Make Meeting Minutes!
 - Maintain the roster of current members
 - Responsible for organizing current and accurate club records
 - Coordinate information communication with VP
 - Tech Officer:
 - Website management and upkeep
 - Social media communication
 - Advertising design and general graphic design
 - Business cards, table banner, etc.
 - Historian:
 - Capture beautiful astroclub moments in picture form
 - Creates emotional end of semester slideshows
 - End of the year scrapbook
 - Help with star parties
 - Equipment Manager:
 - Helps manage/keep track of our outreach equipment
 - Includes telescopes (and accessories) and supplies for our outreach activities
 - Would work with the outreach coordinator
- **Constellation Corner Kahoot Quiz:** This will be during the club meeting next week on November 8th! Win a club T-shirt and other cool stuff!
- **Star Parties:** We will be having a star party from 7-9pm on November 15th for the Art of Planetary Science show in front of LPL. We also have some school star parties and will need 4-6 volunteers each: November 19th at Johnson Primary School from 5:30pm-7:30pm and December 5th at Roskruge Bilingual Magnet k-8 school from 5:30-7:30pm
- **Integral Competition:** Hosted by the Math Cats. Pairs of people will attempt to solve progressively harder integrals. If you can, you advance to the next round. Interested?

- **The Art of Planetary Science:** Swing by, there will be some art from your fellow astro club members!



- **Physics club:** Meets every other Wednesday at 5pm in PAS. Next meeting will be on November 13th.
- **Astronomy Majors Lounge:** We're back in the old lounge (N206) in the building, there's lots of snacks/soup and seating!
- **Astronomers:** If you have a snack attack, look no farther than Astronomers! The unofficial Astro Club snack store, in the interaction area outside of Parker library. 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!