

2024 CEDAR Workshop

# Student Day 2024

*The Atmosphere We Live In*

CSSC Student Reps  
Andrew Pepper  
Sophie Phillips

# CEDAR: The Atmosphere We Live In

## Goal:

- 1) Get basic understanding of the science of our atmosphere that will be discussed throughout the course of the week and beyond
- 1) Discuss the atmosphere that we work in as student researchers
  - a) Science communication, proposals/grants, career panel, bystander training

Time	Talk	Presenter(s)
9-9:15am	Welcome	Dr. Mark Conde, Andrew Pepper, Sophie Phillips
9:15-9:30am	LT1: Mesosphere/ Thermosphere/Ionosphere Coupling	Komal Kumari (UCAR)
9:30-9:45am	LT2: The Spectrum of Gravity waves	Jonathan Snively (Embry Riddle)
9:45-10:00am	LT3: Equatorial spread F: A brief introduction with new observations	Fabiano Rodrigues (UT Dallas)
10:00-10:15am	LT4: Plasma Physics	Matt Zettergren (Embry Riddle)
10:15-10:30am	LT5: The Aurora	Roger Varney (UCLA)
10:30-10:50am	Q&A:	
10:50-11:00am	BREAK	
11:00-11:25am	NSF Grants/ Proposals	Shikha Raizada (NSF)
11:25-11:50am	What is a Grand Challenge and How Can Students Get Involved?	Katelynn Greer (LASP)
12:00-1:30pm	Lunch Break	
1:30-2:00pm	Science Communication +Networking	Rachel Lense (NASA)
2:00-3:00pm	Choose Your Path:	
	Career Panel	Angeline Burrell (NRL), Kyle Kremble (Space Force), Lindsey Goodwin (NJIT)
	CCMC/MAGE Model demo (TIEGCM 3.0)	Haonan Wu (UCAR)
3:00-3:15	Break	
3:15-4:15pm	Bystander training - What Can We Do as Students?	Brooke Engle (Hewlett-Packard)
4:15-4:30pm	Closing Thoughts	
4:30-6pm	Outdoor Activity	

# Agenda

# Q&A via sli.do

- Please use QR Code to ask questions for all of today's presentations
- In your question, please address which speaker your question is directed towards



**Join at [slido.com](https://slido.com)  
#2112 901**

# Student Activities

Join the CEDAR students  
Whatsapp:

Throughout the week:

- Tonight: Movie Night
- Monday: Mentor-Mentee Lunch
- Monday Night: Trivia
- Tuesday Night: Karaoke
- Tuesday/Wednesday: Poster Sessions!
- Thursday: Student Lunch

