



CEDAR-GEM 2025 Closing Remarks

June 22-27, Des Moines, IA





CEDAR-GEM 2025 Numbers



- ~264 in person attendees
- ~205 poster title/abstract submitted
- NSF-GEM is supporting:
 - 89 graduate students,
 - 2 international students,
 - 21 postdoc/early career scientists,
 - 8 undergraduates
- ~344 in person attendees
- ~202 poster title/abstract submitted, of which 111 are in the student competition
- NSF-CEDAR is supporting:
 - 46 graduate students,
 - 4 undergraduates

Total of 608 in-person attendees, 407 posters, and 170 supported student/early career scientists!



CSSC Membership Update



Rotating Off:

- ☐ Mark Conde
- ☐ Katelynn Greer
- ☐ Angeline Burrell
- ☐ Titus Yuan
- ☐ Sophie Phillips

Rotating On:

- ☐ Brian Harding
- ☐ Pavel Inchin
- ☐ Xian Lu
- ☐ Bryce Halter



New CSSC Members



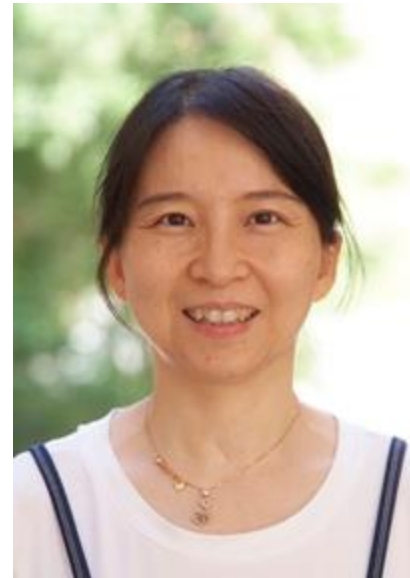
Brian Harding



Pavel Inchin



Xian Lu



Bryce Halter



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Outgoing CSSC Chair



Our outgoing CSSC Chair...

Prof. Mark Conde

from UAF.

Thank you Mark for your
3 years of service and
your continued support of
the CEDAR community.

Please join me in thanking Mark!

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Rotating GEM Steering Committee Members



Rotating On



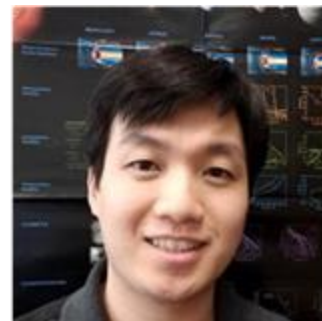
Wen Li
IMAG



Anton Artemyev
MPS



Katherine
Davidson
Member at
Large



Kevin Pham
MIC



Mary Smirnova
Student Rep

Rotating Off



Chris Mouikis
Meeting
Organizer



Jing Liao
Meeting
Organizer



Austin Smith
Student
Rep



Kevin
Genestreti
MPS



Sarah Vines
MIC



Lunjin Chen
IMAG



Ian Cohen
At-Large



CEDAR Distinguished Lecture



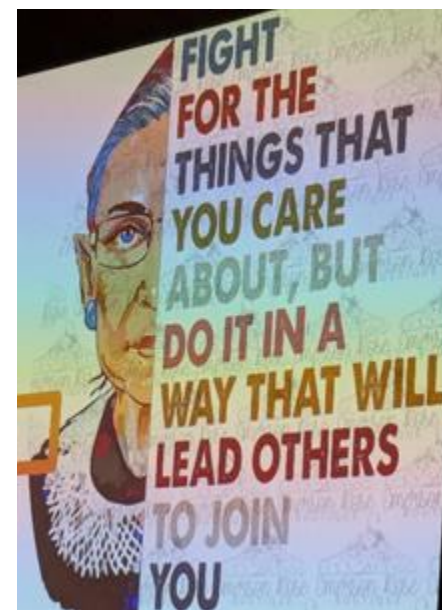
- The meeting kicked off on Monday with CEDAR's most prestigious prize, the Distinguished lecture.
- Phil Erickson gave a wonderful talk that spanned both CEDAR and GEM science
- **Congratulations Phil!**



Anti-Harassment Plenary



Blair Schneider with AdvanceGEO spoke to us about building safe workplace climates and safety in the field





CEDAR Grand Challenges



- On Tuesday CEDAR presented updates on our three GCs.

Jens Oberheide



Lower atmosphere
impacts on the IT

Titus Yuan



GWs in the IT

Leslie Lemarche



Polar Cap Patches



CEDAR Science Highlights



- Komal Kumari presented the EC science highlight
- Bill Swartz presented a science highlight on the recently launched EZIE mission





GEM Plenary Tutorials



- New Focus Group leaders Harriet George, Yi Qi, and Savvas Raptis
- Student invited speaker: Tony Rogers



Meeting Excursion to Iowa Cubs Game



- ❖ Over 50 "GEMDARs" went
- ❖ It didn't rain!
- ❖ Iowa Cubs lost 12-0
- ❖ We had a fabulous time!





Community Organized Events a Success!



- ❖ Queer Beers had >80 participants!
- ❖ Hobbyist Lunch was super fun!



Agency Updates and Poster Sessions



- On Wednesday we heard updates from most of our funding agencies
- Tuesday and Wednesday also hosted student poster competitions, which were spacious, catered, and lively.





CEDAR & GEM Student Poster Winners



CEDAR



GEM



Congratulations!!!!



CEDAR Prize Lecture



- Congratulations to Jens Oberheide who gave the CEDAR Prize lecture on tide and planetary wave coupling of the lower atmosphere to the IT



CEDAR Science Highlights



- Zishun Qiao on wave modulation of the MLT
- Jia Yue on lower atmosphere impacts on satellite drag



Burnout Plenary



- Thanks to Rebecca Pope-Ruark for helping us identify and mitigate burnout!





CEDAR-GEM Banquet



Last night's banquet was elegant and wonderful



CEDAR-GEM Family Feud!!!



The post-banquet entertainment was a hoot!



CEDAR-GEM Meeting Feedback



The CSSC works hard to make this meeting meet your needs, and so we always value your feedback! Some specific comments we heard this year include:

- ☐ Having posters up all week is great. Great space.
- ☐ Nice venue – lots of positive feedback. Ballroom A too big for a breakout.
- ☐ AV support top notch
- ☐ Don't charge for water during poster sessions
- ☐ Breakout session instructions could be improved (how/when to upload talks)
- ☐ Excursion and banquet entertainment were a hit
- ☐ Want an in-person meeting next year



CEDAR-GEM Meeting Feedback



A taskforce is compiling a list of students/early career folks whose funding will end within a year. Idea is to create centralized list of people looking for support, in case grant holders have the means to contract them. Brainstorming ways to help connect people.





The Future of CEDAR and GEM Workshops



- ❖ As you know, NSF is facing potentially significant budget cuts that will likely impact the CEDAR and GEM programs and our annual workshops.
- ❖ The CEDAR and GEM leadership and steering committees are committed to working together to host in-person CEDAR and GEM meetings next year, regardless of the level of NSF support.
 - ❖ We have already identified one option that would allow for a bare-bones meeting with little to no up-front funding.
- ❖ We will look for creative solutions to hold inexpensive workshops, if needed.
- ❖ We will solicit community input through online surveys. It is critically important that you make your voice heard.
- ❖ We will communicate your feedback to NSF. We will use your feedback to make strategic decisions.
- ❖ We will work together and within our own communities to continue GEM and CEDAR in some form.
- ❖ We will face difficult decisions head-on.
- ❖ We will get through this!





Thank you CEDAR-GEM Student Representatives



Please join me in thanking
our student representatives:

- ❑ **CEDAR: Aidan Thayer,
Sophie Phillips**
- ❑ **GEM: Austin Smith, Erika
Hathaway**

For their **absolutely
outstanding** work in looking
after all student-related
aspects of this workshop
and of CEDAR work in
general over the last year.



Thank you Everyone!!!



- It is impossible to over-state the amount of work that goes into organizing a meeting like this. Warm thanks to all who contributed, including:
 - ❑ Liying, Maggie, Jessica, Rebecca, Tracy, Hanne – CPAESS
 - ❑ Jing, Chris -- UNH
 - ❑ Sophie Phillips & Aidan Thayer, Austin Smith & Erika Hathaway – Student Day
 - ❑ Fraz Bashir & Kareem Sorathia, GEMEE
 - ❑ Mike Shumko, Bea Gallardo-Lacourt, Nathaniel Frissell, Lunjin Chen, Lynn Wilson, Erika Hathaway, Aidan Thayer, Kevin Genestreti, Plenary Committee
 - ❑ Titus Yuan, Nathaniel Frissell, Erin Lay, Shun-Rong Zhang, Luis Navarro, Danny Scipion, Bea Gallardo-Lacourt and poster judges – Poster competition
 - ❑ Bea Gallardo-Lacourt, Nathaniel Frissell, Aidan Thayer – Distinguished Lecture, Prize Lecture & Science highlights
 - ❑ Shun-Rong Zhang, Federico Gasperini, Nathaniel Frissell, Sarah Vines, Austin Smith, Solene Lejosne – Breakout workshops
 - ❑ Ian Cohen, Romina Nikoukar – Agency talks
 - ❑ Angeline Burrell – CEDAR By-Laws
 - ❑ Kristina Lynch, Katelynn Greer, Liying Qian – New Decadal Survey
 - ❑ Erin Lay and Angeline Burrell – New CSSC member nominations
 - ❑ Kristina Lynch & Katelynn Greer – Strategic planning
 - ❑ The CEDAR MATRIX task force and the Sam Bingham Community Cares Initiative Committee
 - ❑ Workshop conveners, mic runners, slido monitors
 - ❑ Venue support: AV, catering, etc



See you in 2026!



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