



2024 NSF RESEARCH INFRASTRUCTURE
WORKSHOP

MARCH 26 - 29, 2024 • TUCSON, ARIZONA

Poster Guide

Image Credit: Vera C. Rubin Observatory, CTIO/NOIRLab/DOE/NSF/AURA T.A. R. Richard F. Caris Mirror Lab/Gabrielle Perez



Topics Covered

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 - General tips for poster content
 - Printing and shipping logistics
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 - Poster Booth metrics
- **Poster Center**
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- **Run of Show - In-Person Posters**
 - Location
 - Presenting your poster
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 - Where to find the Virtual Poster Session
 - Your live poster booth
 - Zoom meeting (how to join)
 - Presenting your virtual poster
- **Technical Tips**
 - Whova & Zoom tips



Poster Session Overview

Purpose

The purpose of the various poster sessions being held at NSF's 2024 Research Infrastructure Workshop (24RIW) is to enable workshop attendees to engage with others who are interested in the same subject/discipline as themselves. This could lead to future collaboration. Additionally, these sessions provide an opportunity for attendees to disseminate their work among the research infrastructure community and receive helpful insights into their work or research.

- **In-Person Poster Session**: This session is designed for in-person attendees to present their physical poster at the workshop. Attendees will be free to roam around the ballroom where posters will be displayed and can engage with poster presenters.
- **Virtual Poster Session**: The Virtual Poster Session will provide virtual attendees the opportunity to present a poster at the workshop. This will enable everyone (in-person and virtual) to view the poster content and interact with the presenters. The session will be streamed lived on the event app, Whova.
- **In-Person Poster Session #2 (with student posters)**: A second in-person poster session will be held, featuring student posters from the University of Arizona. Students will present physical posters on topics of interest to them or on their research.



Poster Session Overview

Session Dates and Times

Tuesday, March 26	Wednesday, March 27
<p data-bbox="355 604 792 642">In-Person Poster Session</p> <p data-bbox="382 699 761 732"><u>Time:</u> 4:35 – 5:15pm MST</p> <p data-bbox="268 743 877 776"><u>Location:</u> Vigas Patio & Sonoran Ballroom</p>	<p data-bbox="1161 419 1547 456">Virtual Poster Session</p> <p data-bbox="1022 514 1688 547"><u>Time:</u> 2:45 – 3:15pm MST / 5:45 – 6:15pm ET</p> <p data-bbox="1143 601 1566 634"><u>Location:</u> event app (Whova)</p> <hr data-bbox="966 691 1742 693"/> <p data-bbox="987 725 1727 816">In-Person Poster Session #2 (with student posters)</p> <p data-bbox="1166 871 1543 904"><u>Time:</u> 3:30 – 5:15pm MST</p> <p data-bbox="1178 958 1532 991"><u>Location:</u> Gold Ballroom</p>



Build Your In-Person Poster Content

• Presentation Format

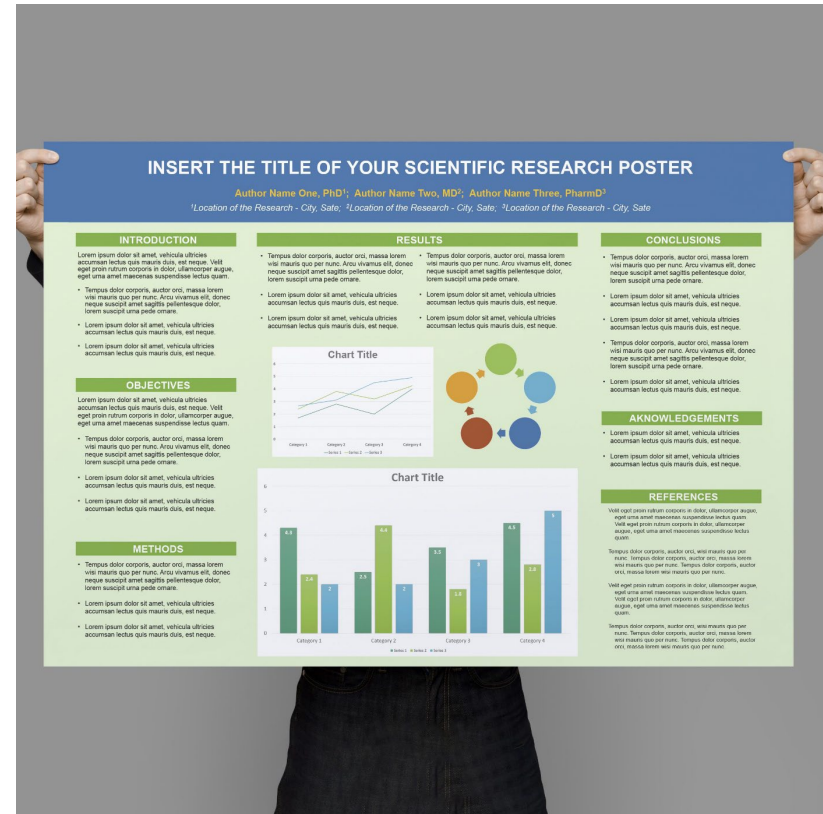
- All poster sessions will be relatively informal. We recommend preparing a 1–2-minute explanation of your poster and being ready to engage with participants about your topic.

• What Topic Should I Choose?

- The posters can be on scientific research, about your facility, or about your operational processes or best practices. This is an opportunity to highlight your facility and its work.

• Helpful Resources

- [Guide: Poster Session \(colostate.edu\)](https://colostate.edu)
- [How to Prepare a Scientific Poster](#)
- [A Short Guide to Creating a Poster for a Conference](#)
- [Introduction to Poster Sessions](#)





Build Your In-Person Poster Printing & Shipping

- **Printing**
 - Posters should be printed directly on foam poster board that is **24 inches wide by 36 inches tall**.
- **Display**
 - Event staff will provide easels and will display your poster in the Sonoran Ballroom before the poster session begins.
- **Shipping**
 - Please ship (or hand deliver) your poster to the address below. Note that if you wish to print your poster locally, there is a [FedEx Ship Center](#) on Oracle Road in Tucson, AZ.

To: Davis Management Group
NSF's 2024 Research Infrastructure Workshop
Westward Look Wyndham
245 E Ina Road, Tucson AZ 85704

From: {Poster Presenter's Name}
March 26, 2024





Building Your Virtual Poster

- **Your Poster Link**

- You will be emailed a unique link to your virtual poster so you may upload your content directly to the event app and revise your poster at your leisure.

2024 NSF RESEARCH INFRASTRUCTURE **WORKSHOP**
MARCH 26 - 29, 2024 • TUCSON, ARIZONA
PROJECT MANAGEMENT, FACILITIES AND OPERATIONS, AWARD MANAGEMENT, EHS, EDUCATION AND PUBLIC OUTREACH, CYBER (C) & CS)

Dear Allison Kennedy,

The **2024 NSF Research Infrastructure Workshop** is almost here! We are looking forward to viewing your poster at the workshop.

Build Your Virtual Poster
It is time to build your virtual poster! Follow the unique link below to your virtual poster to upload your content. Check out the [Poster Information page](#) for a [video](#) demonstration and other [guidance](#) on setting up your virtual poster.

Your poster link:
https://whova.com/xems/engage/artifact/resea_202503/98628/?code=633f273e34a8883b2c29f5649c2950f

Note, you may continue to update all the content in your poster using the unique link above or by navigating to your poster within the event app. If you need to update your poster title, please contact us at rioutreach@nsf.gov.

Run of Show
As a reminder, the Virtual Poster Session will take place on **Wednesday, March 27 at 2:45pm MST / 5:45pm ET** on the event app, Whova.

Your virtual poster will be housed in the Poster Center on the event app where attendees can view your content and leave comments or questions on your poster before (and after) your live presentation. You may consider answering these questions during your live presentation.

The live presentation of your poster will utilize a Zoom meeting dedicated to your poster, which will allow you to directly interact with attendees through video and chat



2024 Research Infrastructure Workshop
Please manage your information here

Virtual Poster Lobby

Poster Information

Logo

Click to add an image
Recommended image dimensions: 700px x 210px (Max 1000px x 1000px)

Phone
e.g 555-555-5555

Website
<https://whova.com/pages/whova-app-artifact-center-presenter-guide/>

Address

Description / Abstract *

"Virtual Poster Session - How to Join & Participate"

The Virtual Poster Session (being held on Wednesday, March 27 at 2:45 - 3:15pm MST / 5:45 - 6:15pm ET) will be streamed live and can be found in the Agenda. To attend the live presentations of virtual posters, navigate to the Agenda then click on...

Slogan
Virtual Poster Info

- **Build Your Virtual Poster**

- Add content to your virtual poster.
 - **Pictures, Recorded Video, PDF, and more**

Photos

Cover Photo *

Crop/reposition image | Delete

Can be used to highlight this Poster

Photos

Upload

Maximum 50 photos with 10 MB file size limit

Poster Presentation

Recorded Video

<https://www.youtube.com/embed/rR3Z-0TQQY> Edit Delete

PDFs

Upload Document

Maximum 2 handouts with 10 MB file size limit

Primary Contact



Building Your Virtual Poster Poster Booth Metrics

Continue to Revise

- Login to [Whova](https://whova.com/portal/webapp/resea_202503/): https://whova.com/portal/webapp/resea_202503/
- Navigate to “My Stuff”, then “My Poster” to continue revising your poster and view your booth metrics.
- Visit your virtual poster in the Poster Center by clicking “Go to Poster.”

The screenshot shows the Whova interface for the 2024 Research Infrastructure Workshop. The header includes the event title, location (Tucson, AZ), dates (Mar 26–29, 2024), and a time zone switcher. A left sidebar contains navigation options: Home, Agenda, Attendees (4), Community (12), Messages (36), Photos, Win a Prize, Resources, My Stuff (expanded to show My Poster, My Agenda, My Notes, and Profile), Feedback to Whova, and Organizer Tips. The main content area is titled 'My Poster' and features a 'Presenter Guide' button. Below this is the 'Virtual Poster Lobby' section, which shows '9 Visits' and buttons for 'Edit Poster' and 'Promote Poster'. A red arrow points to the 'My Poster' option in the sidebar and the 'Edit Poster' button. The 'Presenters' section lists two individuals: Alexa Strid (Primary Contact) and Alex Strid. The 'Booth Chat' section is currently empty, displaying the message 'No messages yet - send them first!'.

Poster Center

View all 24RIW Posters

- The Poster Center is where all posters uploaded to the event app (Whova) will be housed.
- Both virtual posters *and* in-person poster PDFs.

Vote & Comment

- Attendees can vote on posters here and leave comments or questions.

Poster Booths

- Attendees can view virtual posters at any time throughout the workshop by clicking on the poster to enter its booth.

2023 Research Infrastructure Workshop
Washington, DC (View map) Jun 26 – 30, 2023

Home
Agenda
Sessions
Speakers
Speed Network
RoundTable
Posters
Attendees
Community
Messages
Photos
Win a Prize
Resources
My Stuff
Feedback to Whova
Organizer Tips

Filter by: All Poster
Search by title, booth, or presenter

All Poster
In-Person
Virtual

Augmented Reality and Site Monitoring at Gemini [In-Person AND Virtual]
The poster will explain how Gemini South Telescope has integrated augmented reality into t...
Presenters: Paul Collins, Electrical Supervisor, National Optical Astro...
77 votes, 0 comments, 1 question
My Comments, Vote, Enter

CASC Ignites Progress: From Big Data to Bold Solutions [In-Person AND Virtual]
The Coalition for Academic Scientific Computation (CASC) is an educational non-profit 501(c...
Presenters: Kathryn Kelley, Coalition for Academi..., James Wilgenbusch, Director of Research C..., Coalition for Academi...
24 votes, 0 comments, 0 questions
Vote, Enter

Center for Nanoscale Systems at Harvard University [Virtual]
The poster presents an overview of the Center for Nanoscale Systems at Harvard University, ...
Presenters: Robert Westervelt, Professor, Harvard University
18 votes, 0 comments, 0 questions
Vote, Enter

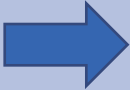
Example Poster and Resources [Virtual]

Visit a Poster Booth

- Click a poster to enter its booth.



Poster Booth



2024 Research Infrastructure Workshop

Tucson, AZ (View map) Mar 26 – 29, 2024 | Displaying in the event's time: 1:29 PM (MST) [Switch to local time](#)

- Home
- Agenda
- Sessions
- Posters**
- Attendees (4)
- Community (12)
- Messages (36)
- Photos
- Win a Prize
- Resources
- My Stuff
- Feedback to Whova
- Organizer Tips

Filter by: All Poster

Search by title, booth, or presenter

My Poster

Virtual Poster Lobby

Watch video

Presenters

- A** Alexva Strid
Registration and Data Manager
DMG

and 1 more presenter

10 0 0

[Edit](#) [Enter](#)

Poster

Example Poster 1 [RIW23]: Augmen...

Watch video

Presenters

- P** P Collins

and 1 more presenter

3 0 0

Example Poster 2 [RIW23]: NSDF@C...

Presenters

- M** M...

← Hide Posters

trials- Plant Room

Share

MORE VIDEOS

0:16 / 3:43

Chat Alarms Home More

CC YouTube

3 Visited 0

Example Poster 1 [RIW23]: Augmented Reality and Site Monitoring at Gemini

AR Site Monitoring

<https://noirlab.edu/public/>

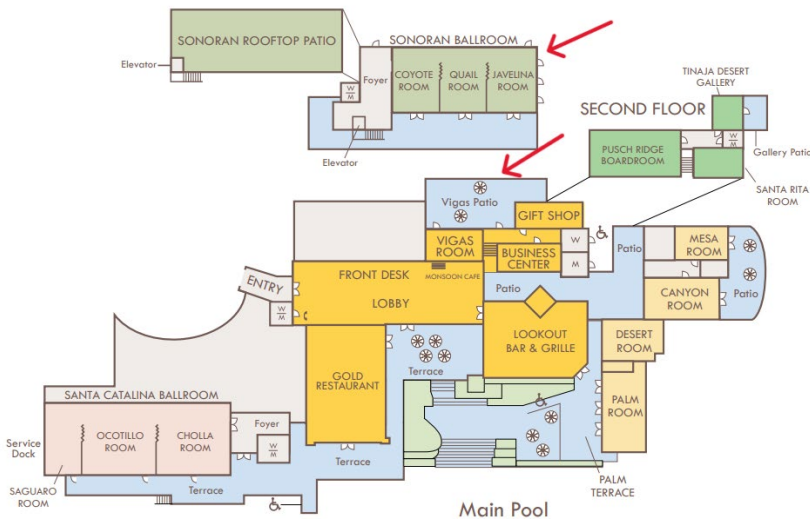
The poster will explain how Gemini South Telescope has integrated augmented reality into their routine monitoring and maintenance scada program. It will also describe how the use of augmented reality applications can assist projects on a daily basis.

Write a reply



Run of Show In-Person Posters

- **Locations: Vigas Patio & Sonoran Ballroom**
 - Event staff will display posters on easels on the Vigas Patio and around the Sonoran Ballroom.



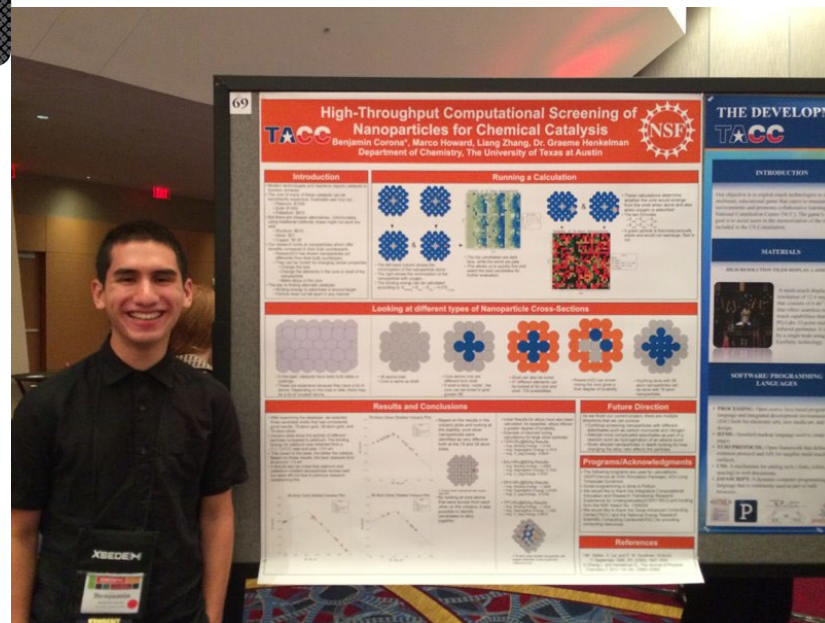
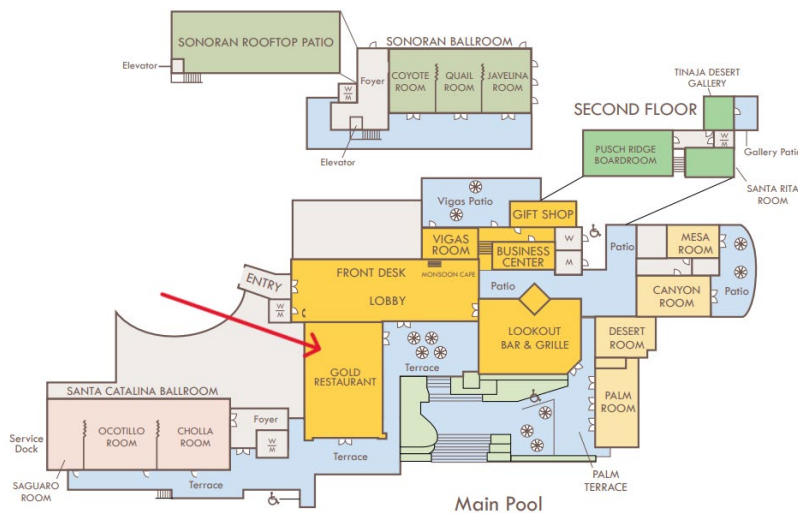


Run of Show

In-Person Poster Session #2 (with student posters)

- **Location: Gold Ballroom**

- This is an opportunity to display your poster. Certain students from the University of Arizona have also been invited to display a poster at this session.






Run of Show Virtual Posters

- **Agenda > Virtual Poster Session**

- The Virtual Poster Session will be streamed live on the event app (Whova) and can be found in the Agenda.


2024 Research Infrastructure Workshop
Tucson, AZ (View map) Mar 26 – 29, 2024 | Displaying in the event's time: 12:27 PM (MST) [Switch to local time](#)

Home
Agenda 
Sessions
Posters
Attendees 4
Community 12
Messages 36
Photos
Win a Prize >
Resources >
My Stuff >
Feedback to Whova
Organizer Tips

Filter by tracks

Break
Wed Mar 27, 2024 2:00 PM - 2:45 PM [View details](#) [Add to My Agenda](#)

2:45 PM

Poster Session 
Virtual Poster Session
Wed Mar 27, 2024 2:45 PM - 3:15 PM [View details](#) [Add to My Agenda](#)
4 Subsessions

3:15 PM

Break
Wed Mar 27, 2024 3:15 PM - 3:30 PM [View details](#) [Add to My Agenda](#)

3:30 PM

Student Poster Session
Wed Mar 27, 2024 3:30 PM - 6:15 PM [View details](#) [Add to My Agenda](#)



Run of Show Virtual Posters

- **Your Live Poster Booth**

- Find your poster's live booth within the Virtual Poster Session and click to enter.

The screenshot displays the agenda for the 2024 Research Infrastructure Workshop. The main header shows the event title, location (Tucson, AZ), dates (Mar 26 - 29, 2024), and current time (12:28 PM MST). A left sidebar contains navigation options: Home, Agenda (highlighted with a red arrow), Sessions, Posters, Attendees (4), Community (12), Messages (36), Photos, Win a Prize, Resources, My Stuff, Feedback to Whova, and Organizer Tips. The main content area is titled 'Virtual Poster Session' and lists three sessions:

- Virtual Poster Lobby**: Wed Mar 27, 2024, 2:45 PM - 3:15 PM. Location: <https://www.youtube.com/embed/rR3Z-0TQQY>. Includes 'View details' and 'Add to My Agenda' buttons.
- Example Poster 1 [RIW23]: Augmented Reality and Site Monitoring at Gemini**: Wed Mar 27, 2024, 2:45 PM - 3:15 PM. Location: <https://nslinlab.edu/public/>. Includes 'View details' and 'Add to My Agenda' buttons. A red arrow points to the session title, and a large blue arrow points to the right.
- Example Poster 2 [RIW23]: NSDF@CHESS Democratizing the Cornell Light Source [Virtual]**: Wed Mar 27, 2024, 2:45 PM - 3:15 PM. Location: <https://nationalsciencedatafabric.org/>. Includes 'View details' and 'Add to My Agenda' buttons.
- Example Poster 3 [RIW23]: CASC Ignites Progress: From Big Data to Bold Solutions [In-Person AND Virtual]**: Wed Mar 27, 2024, 2:45 PM - 3:15 PM. Location: <http://casc.org>. Includes 'View details' and 'Add to My Agenda' buttons.



Run of Show Virtual Posters

- **Live Poster Booth**

- Each virtual poster will have its own poster booth with all its poster content.

- **Zoom meeting**

- Each poster booth will have a dedicated Zoom meeting.
- **The Zoom meeting within your booth is where you will present your poster and interact with attendees.**

- **How to Join**

- Click “Join the Stream” to join the Zoom meeting for your live presentation.

2024 Research Infrastructure Workshop
Tucson, AZ (View map) Mar 26 – 29, 2024 | Displaying in the event's time: 12:56 PM (MST) [Switch to local time](#)

Home
Agenda
Sessions
Posters
Attendees 4
Community 12
Messages 36
Photos
Win a Prize
Resources

Show Agenda Poster 1 [RIW23]: Augmented Reality and Site Monitoring at Gemini
Wed Mar 27, 2024 2:45 PM - 3:15 PM <https://noirlab.edu/public/> 1 Attending

[Add to My Agenda](#) [Like session](#) [Take notes](#)

[Join the live stream here](#)

AR Site Monitoring

The poster will explain how Gemini South Telescope has integrated augmented reality into their routine monitoring and maintenance scada program. It will also describe how the use of augmented reality applications can assist projects on a daily basis.

Presenter: Paul Collins

View this poster in the Poster Center here: https://whova.com/portal/webapp/resea_202503/Artifact/99394

Parent session

Poster Session

Virtual Poster Session [View details](#) [Add to My Agenda](#)

Wed Mar 27, 2024 2:45 PM - 3:15 PM
4 Subsessions

Handouts

Photos
979.6 KB [View](#) [Download](#)

PDF
2.2 MB [View](#) [Download](#)

My Stuff
Feedback to Whova
Organizer Tips



Run of Show Virtual Posters

- **Live Presentation – Zoom meeting**

- Within the Zoom meeting, the presenter (you) can:
 - Use your camera, microphone, and the Zoom chat, plus share your screen.
- Attendees can:
 - Use their camera, microphone, and the Zoom chat.



For More Information

“Ask Early, Ask Often!”

- nsf.gov/staff
- nsf.gov/staff/orglist.jsp
- nsf.gov/about/career_opps/rotators/index.jsp

Meeting Chat

You to Everyone 3:37 PM

AS Where can I find out more about your facility?

Who can see your messages?

To: Everyone

Type message here...



Run of Show Virtual Posters

- **Tips for Presenting**

1. Launch the Zoom meeting from your live poster booth.
2. Minimize the browser with Whova open.
3. Open your presentation materials on your desktop.
4. Share your presentation.
5. Answer attendee questions (chat or on camera).

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Augmented Reality at NOIRLab/Gemini – Site Monitoring at the fingertips" by Paul Collins. The slide content includes a description of the AR interface, a list of steps, and images of the application on mobile devices. A Zoom chat window is open in the bottom right corner, showing a message from "AS" asking "Can visits to your facility be arranged?". The Zoom control bar at the bottom shows "You are screen sharing" and a "New Share" button, which is highlighted by a red arrow.

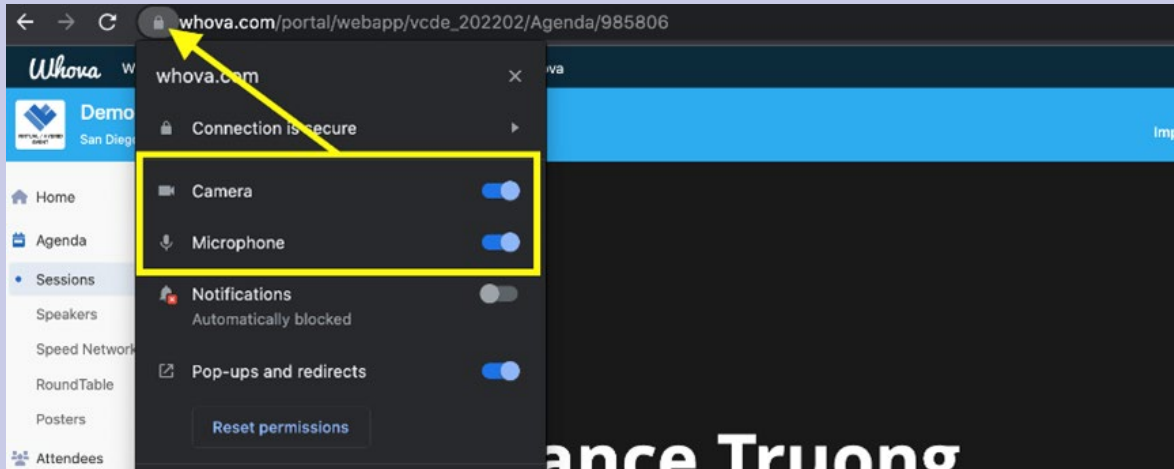




Technical Tips

• Browser and Settings

- Chrome is the recommended browser.
- Update to the most recent version of Chrome.
- Allow camera and video in the Chrome browser.



• In Case of Technical Difficulties

- Close other tabs, browsers and programs while streaming the live session.
- Consider hardwiring your Internet connection, instead of using a wireless network connection.
- If you are having trouble hearing the webinar audio, check the volume on your computer and on your video player.
- If your computer screen freezes, please refresh your browser.
- Close and re-open Whova. When reopening, make sure to allow camera and video in the Chrome browser.
- Other troubleshooting and frequently asked questions can be found here: <https://whova.com/faq/>



Resources

- [Poster Information Page](#)
- [Example Poster](#)
- [Posters from Previous Workshops](#)
- [Whova's Artifact \(Poster\) Guide](#)
- **Contact us at:** rioutreach@nsf.gov