



2022 STEM FOR ALL VIDEO SHOWCASE

Access, Inclusion, and Equity, May 10-17

HOME

My Activity



Save the Dates! May 10th – 17th

We invite you to view short videos depicting innovative, federally funded projects aimed at improving Science, Math, Engineering and CS education. Discuss the videos online with the presenters and other visitors. Vote for your favorite presentations for the Public Choice award. Thousands of researchers, educators, higher ed faculty, and parents will take part in this free, NSF funded event. [Sign up for updates!](#)

STEM for All 2022 Video Showcase: May 10-17

Theme: Access, Inclusion, and Equity

<http://stemforall2022.videohall.com>

- **We have reached capacity! Registration is now closed.**
- **Feb 16 at 3 PM, ET:** Presenter Webinar [Signup for this webinar!](#)
- **March 1 - April 20:** Video Submission Open
- **May 10 - 17:** Online Video Showcase
- Questions? [Contact Us](#)

See who's been tweeting

[Share](#) [Follow](#) [Tweet](#)

#STEMvideohall

- [Important Presenter Info](#)
- [Who Can Present](#)
- [Video Requirements](#)
- **Presenter Webinar:** All presenters are encouraged to attend a webinar with tips to create a video on Feb 16 at 3 PM, ET.

“This was a venue that allowed us to share our work with non-research audiences, as well as to generate connections and interactions with other researchers interested in our work. It was a very rewarding engagement experience!” – Presenter

[Read Testimonials »](#)





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This webinar will have two parts. The first 20 minutes will provide an overview of the STEM for All Video Showcase and essential elements that must be included in your submission.

Part two will be offered by our videographer Jim Galdos and will provide tips to creating an effective 3-minute video presentation.

Approximately two weeks before the event, we will offer a second webinar which will focus on strategies for effective outreach and will also provide a walk-through of the site.





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**Everything you need to know can be
found at:**

<https://stemforall2022.videohall.com>

Have questions?

contact@stemforall.videohall.com

**Share and discuss tips and questions with the
community and our videographer at:**

<https://multiplex.videohall.com/blogs/20>





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Video Showcase Overview:

This year we received over 350 registrations!

Life happens. If you need to withdraw, please email us as soon as you know.

We anticipate that over 30,000 visitors from over 150 countries will view videos and post to the discussions during the one-week event in May!

During the year, we anticipate that an additional 40,000 visitors will view the videos.





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This is an Interactive Event!

It is an opportunity to:

- Learn about related work in the field.
- Disseminate your project broadly to multiple audiences, stakeholders, researchers, practitioners, parents, funders, policy makers.
- Get feedback from colleagues, receive new ideas, hear from people using your project or resources in the field.
- Make new connections and possibly new collaborations; find out about others doing related work.
- Offer your insight, queries expertise, questions to other presenters. By doing so you will contribute to a learning community across NSF and beyond of leaders engaged in improving STEM teaching and learning.





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ME

My A



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FOR REGISTERED PRESENTERS

SUBMIT VIDEO
MARCH 1 - APRIL 20

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SHARE SHOWCASE

Use: Social Media Toolkit

See who's been tweeting



#STEMvideohall

LEARN MORE

SUBSCRIBE TO NEWS

- [Important Presenter Info](#)
- [Who Can Present](#)
- [Video Requirements](#)
- [Presenter Webinar:](#) All presenters are encouraged to attend a webinar with tips to create a video on Feb 16 at 3 PM, ET.



This material is based upon work supported by the National Science Foundation under Grant # 1922041. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

<http://stemforall2022.videohall.com>



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Submitting your video: Essential Info

1. Submit your video anytime between **March 1st and April 20th at 5 PM EDT**. *Do so by clicking on the submit button on <https://stemforall2022.videohall.com/> (The deadline is firm! Site is slow on last day. Please don't wait until the last minute)*
2. In the submission phase, you can edit your abstract, keywords and other metadata. This data is important and can be done before you are ready to import your video. It helps us group your video with related videos. Your abstract counts. It gives the visitor quick info that will tempt or deter them from watching.
3. You can invite co-presenters now. Co-presenters will be contacted. They need to accept and register on the site before April 20th.
4. You can submit a link to your project website and resources for a general audience, for researchers, or for teachers. Resource links appear below your abstract.





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Making your video

Your video must be less than 3 minutes, audible, and tell a coherent, story that is understandable to a broad audience.

Presentations usually have video footage. During COVID we realize that there will be increased use of stock footage, graphics, animation, screen captures and video interviews.

It should not be a series of slides to music, purely a narrated PP or a presenter reading a script into a screen. (These will not be accepted.)





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Access, Inclusion, and Equity, May 10-17



Making your video

Videos should tell a compelling story and should include the:

- **Need that inspired your project**
- **Your intervention, innovation, or research**
- **What it feels like to be a part of the project**
- **Your project's impact or potential impact and how you will measure it.**

Projects are a work in progress. Share successes and challenges to date. Be authentic. It is not a commercial or advertisement.

See Recognized presentations from 2021 which display a wide variation in techniques and production quality, but all have a coherent narrative.





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Evidence of Impact

When considering impact, think broadly. The following four categories may be helpful:

- **Immediate:** Has positive impact on local project participants
- **Educational practice:** Offers a model of evidence-based practice to formal and informal educators, school leaders, etc.
- **Research and theory:** Provides evidence that advances the field; provides a generative framework for others
- **Other stakeholders:** Addresses the concerns of families, employers and policy makers





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Access, Inclusion, and Equity, May 10-17



Making your video: Essential Info

Make sure to credit the funder and provide a disclaimer!

Here are examples of how to do this.



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This material is based upon work supported by
the National Science Foundation under Grant # **XXXXX**

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the National Science Foundation

We provide a template under **important presenter information**:

<https://stemforall2022.videohall.com/pages/about/crediting-funders>



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2022 STEM FOR ALL VIDEO SHOWCASE

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Think About Your Primary Audience

1. It is helpful to think about your audience. Are you hoping to primarily reach educators, researchers, policy makers, or parents? This may influence the tone of your video.
2. As you will not be able to control, exactly who comes, make sure to avoid jargon and **make your work accessible to a general audience.**
3. Guide the discussion with questions that you hope will be addressed by researchers, teachers, or the general public.





2022 STEM FOR ALL VIDEO SHOWCASE

Access, Inclusion, and Equity, May 10-17



Feedback from Teachers:

1. If you are hoping to reach educators, think about how your video will provide either professional enrichment, or programs, apps, or ideas, that they can use or adapt.
2. Teachers value detailed descriptions of the program, and ancillary materials that they can access.
3. Teachers value evidence of impact so that they know it is worth their while to give it a try.
4. It is effective to include teacher and student voices to describe the experience, but this needs to be “authentic.” Teachers sense when this is “staged.”
5. Showing student – teacher interaction is of value, but only when the students and teachers look engaged.



Creating Opportunity in an Inclusive STEM Agricultural HS



SHARON LYNCH
OSPrI: Multiple Instrumental Case Studies of STEM-focused High Schools: Opportunity Structures for Preparation and Inspiration (OSPrI)
OSPrI: Multiple Instrumental Case Studies of STEM-focused High Schools: Opportunity Structures for Preparation and Inspiration (OSPrI)



Creating STEM Opportunities in an Inclusive STEM High School: Career Technical Education and STEM at the Chicago High School for Agricultural Sciences
1118851

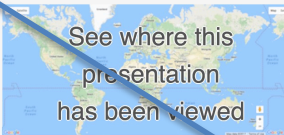
Urban students engage in experiential learning in STEM at the Chicago High School for ATTACHMENT:
• In-depth case study

5241 VIEWS

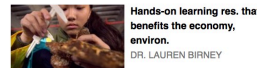
SHARE PRESENTATION



Link: <http://videohall.com/p/912>



Related videos you might be interested in...



[See all videos](#)

This is what a presentation will look like

You can help to guide the conversation

See Related: [Science](#) [Research / Evaluation](#) [Broadening Participation](#)

DISCUSSION PRESENTERS' CHOICE VOTE FOR PUBLIC CHOICE

Public Discussion

Sharon Lynch
Lead Presenter

May 14, 2017 | 06:13 p.m.

Thank you for watching our video on inclusive STEM education that provides *all* students with unique opportunities to learn STEM. The *Opportunity Structures for Preparation and Inspiration (OSPrI)* research program studied eight highly successful inclusive STEM high schools across the U.S., and identified the components critical to their effectiveness. This video features one of the study schools, the Chicago High School for Agriculture Sciences. Think about the following questions and share your thoughts:
In what ways is this school an exemplar of inclusive STEM education? What kinds of opportunities are provided to students at this college preparatory Career Technical Education (CTE) inclusive STEM high school?
Can you identify some school-level characteristics (or critical components) of Chicago High School for Agricultural Sciences that create unique opportunities for urban students to learn STEM and practice 21st century skills? Do similar school-level characteristics exist in traditional public high schools? Why or why not?
Listening to student voices, what do students say about how they learn and develop positive STEM identities at this STEM high school? Do such opportunities exist at other public high schools? Why or why not?
Do you want to know more about this school or other ISHSs? The OSPrI website (ospr.org) research.gwu.edu has details about the research design, case studies, and accessible articles about the study schools and the insights of this research for STEM education.

Popsy Kanagaratnam
Graduate Student

May 19, 2017 | 11:29 a.m.

This was so great - I had no idea. I would love to hear more about this when I see you next. Why do we not share this cool information with staff and doc students? See you tomorrow.

Sharon Lynch
Lead Presenter

May 19, 2017 | 01:09 p.m.

We have C&I Doctoral students working with the project by analyzing interview and classroom observation data. We are trying to bore into exactly what students are saying about the high school that affects their learning, prepares them for college, and creates the close school community.
So interesting to hear ideas from urban kids about their rationale for attending and what the school brings to them that they would not otherwise get--and its not just agriculture.

Katherine McNeill
Researcher

May 15, 2017 | 11:03 a.m.

Wow! This was interesting to watch. I had no idea that there was a farm within the Chicago city limits. The clips of the students were particularly interesting - what a wonderful context for student learning.

Sharon Lynch
Lead Presenter

May 15, 2017 | 11:19 a.m.

Thanks for watching, Kate.
What has finally struck me was the emphasis on experiential learning, beyond hands-on, beyond professional learning communities, and all the way back to apprenticeships. But, the end outcome here is college prep STEM, which makes it all the more intriguing.
This can be generalized far beyond agriculture, I think, and into other areas of CTE/STEM college prep.

Sarah Haavind
Facilitator

May 15, 2017 | 11:33 a.m.

In these days of trending "farm to table" at restaurants and "buying local" produce at grocery markets, the value of a magnet school focused on agriculture within the limits of a city like Chicago cannot be underestimated. I was especially delighted to see the positive attendance and testing results cited starting on page 79 for female, African-American, Hispanic, low-income and special needs students in this



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Discourse:

The event is just as much about collegial discourse as it is about the video itself.

- Last year 7,290 posts were exchanged during the event with an average of 25 posts per presentation. The number of comments per presentation ranged from 5 to 242. Presenters found the exchange to be very valuable. They appreciated feedback, learned of related projects and conversed with multiple constituencies including other researchers and educators.
- PLEASE: reserve time every day during the event to answer posts to your presentation and to post on the presentations of your colleagues.
- Your outreach will bring the constituencies that you care about most to your discussion. Invite your colleagues, friends, and project members to post. Take an active role in shaping the dialogue.





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Outreach:

We rely on each presenter to engage in outreach in order to bring people to your video and to the event. Closer to the event we will:

- Run a webinar to provide ideas for effective outreach strategies.
- Provide you with a media toolkit to easily disseminate your video and the event to your collegial networks, Facebook and twitter.
- Provide you with sample messages for you to send to everyone you know.
- Encourage you to write blogs, stories, and newsletters and to contact your media department (should you have one) for help in doing so.
- In addition, we will work with NSF and our partners to maximize outreach. Partners include: NSTA, NCTM, CADRE, CAISE, CIRCL, STELAR, CS for all teachers, NSF INCLUDES, QEM, and RPP for CS





2022 STEM FOR ALL VIDEO SHOWCASE

Access, Inclusion, and Equity, May 10-17



Three Forms of Recognition:

While all videos receive attention and high visibility during the event there are three different ways that videos will be recognized on the site following the event: Public Choice, Presenter Choice and Facilitator Choice.

These “recognitions” are the result of three forms of voting that takes place during the event. We will spend more time on this in the next webinar... but very briefly.





2022 STEM FOR ALL VIDEO SHOWCASE

Access, Inclusion, and Equity, May 10-17



Recognitions:

Public Choice: All visitors are invited to cast a “public choice vote” through Facebook, Twitter, or directly on the site. The public choice award was created to encourage broad dissemination of your cutting-edge work to the public at large.

See Related: Science Design and Development Broadening Participation

DISCUSSION EDIT PRESENTERS' CHOICE VOTE FOR PUBLIC CHOICE

Public Choice: Vote For This Video

Be the first to vote for this video! How would you like to vote?

Share this video on your Facebook timeline to vote.

Share this video on your Twitter timeline to vote.

Request an email ballot for voting.

Questions? See our Public Choice FAQs.

1 VIEWS

SHARE PRESENTATION

Link <http://videohall-dev.csr.s.terc>

Related videos you might be interested in...

- Quality Education is Accessible BRIANNA BLASER
- MyST: Children's conversations with a virtual science tutor RONALD COLE
- The World Climate Simulation JULIETTE ROONEY-VARGA



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Access, Inclusion, and Equity, May 10-17



Recognitions:

Presenter Choice: Presenters and co-presenters are invited to vote for four presentations (one of which can be your own.) This was created to encourage you to leave your presentation and to view and comment on the presentations of your colleagues.

The screenshot shows a video player interface for a presentation from the University of Colorado Boulder. The video title is partially visible as "Student University of Colorado Boulder". The player has a progress bar at 02:39 and an HD icon. Below the video, there are three tags: "Science", "Design and Development", and "Broadening Participation". A navigation bar contains three buttons: "DISCUSSION", "EDIT PRESENTERS' CHOICE" (circled in red), and "VOTE FOR PUBLIC CHOICE". Below the navigation bar, a message states: "You have added Emily Moore to your presenters' choice selections. You will need to select 3 more videos for any of your presenters' choice votes to count." Below this message, there is a list of selected items: "Emily Moore" (with a close button), and three "Unused Vote" buttons. A link "About 'Presenters' Choice'" is also visible. On the right side of the interface, there is a "1 VIEWS" indicator, a "SHARE PRES" button, and social media icons for email, Facebook, and Twitter. A link "http://video" is also present. Below the social media icons, there is a "Related videos you" section with a small video thumbnail showing a person.





2022 STEM FOR ALL VIDEO SHOWCASE

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Recognitions:

Facilitator Choice: Each video has three assigned facilitators who help to seed conversation and set a constructive tone for the event. Facilitators also recognize approximately 20 videos based on the following rubric.

1. The presentations and explanations should be targeted to a general educated audience.
2. Select the score (1-5) in the column to the right of each category.

1 Poor	2 Fair	3 Good	4 Very Good	5 Excellent
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Video Presentation:	
Please rate the video presentation in respect to how successful it is in meeting these goals	Score
Creatively uses video to share work with a public audience.	4 - Very Good <input type="button" value="v"/>
Provides an effective narrative which describes the problem that motivated the project.	3 - Good <input type="button" value="v"/>
Effectively describes the intervention, innovation or research.	5 - Excellent <input type="button" value="v"/>
Addresses the impact of the project (on participants, or educational practice or research and theory, or on other stakeholders) and how impact has been/will be measured.	2 - Fair <input type="button" value="v"/>





2022 STEM FOR ALL VIDEO SHOWCASE

Access, Inclusion, and Equity, May 10-17



To get a better sense of what this will look like if you have not participated before, please visit last year's event at:

<http://stemforall2021.videohall.com/>

Watch a webinar featuring our videographer, Jim Galdos, sharing more tips and strategies for creating a video in the time of COVID:

<https://stemforall2021.videohall.com/pages/about/creating-a-video-webinar-recording>





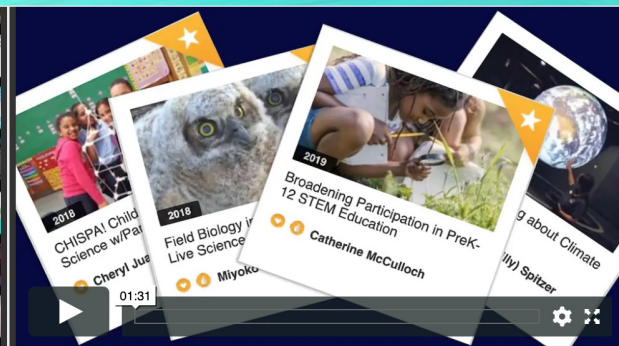
Bringing together over 800 videos from the STEM for All Showcases



Find Videos of Interest



What is the Multiplex?



Create and Share Playlists

THEME OF THE MONTH

Join us each month as we focus on the topic of interest with an intro blog, expert webinar panel, playlist of related videos, discussion, and resources.

February: Effectively Using Video for Outreach and Dissemination

Video has become a key tool for communication, outreach and dissemination, both within the researcher community, and with the general public. This month, four panelists share their strategies for creating and then disseminating their short videos featured in the STEM for All Video Showcase in 2019. These four videos are very different from each other in how they were produced, the level of production quality, the theme that it addresses, and the primary audience that the presenters hope to reach. What they all have in common is that they were very successful in reaching a very large audience who viewed and discussed their work. As we are in the midst of registration to present for the 2020 STEM for All Video Showcase, it is a great time to learn what these presenters did behind the scenes to make their presentations so effective for outreach and dissemination.

[Explore Theme of the Month »](#)

VIDEO COLLECTION

Over **850 short videos** showcasing innovations in Science, Technology, Mathematics, Engineering, and Computer Science Teacher and Learning. Explore videos, make playlists and share them. Check out [curated playlists](#) on Citizen Science, Makerspaces, and Trending Presentations.

[Explore Videos Now!](#)

NEWS

- **Multiplex Live:** [Learn more](#)
- **February Theme of the Month LIVE:** [Effectively Using Video for Outreach and Dissemination](#)
- **Webinar recording:** View the recording of this month's webinar to see past presenters share their strategies for creating and disseminating their short video featured in the STEM for All Video Showcase in 2019

Visit the STEM for All Multiplex:
<https://multiplex.videohall.com>



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