



**ONLINE
WORKSHOPS**

Working with STEM Experts - If Only There Was A Guide... Now There Is!

Online Workshop Summary of Resources
March 1, 2022

Online Workshop Presenters

- Catherine McCarthy, Arizona State University, Tempe, AZ
- Darrell Porcello, Children's Creativity Museum, San Francisco, CA
- Christina Leavell, Science Museum of Minnesota, Saint Paul, MN

Recording of the Online Workshop on Vimeo

- <https://vimeo.com/nisenet/workwithexperts>

Online Workshop Links and Resources

NISE Network Resources

- **Working with STEM Experts: A Guide for Educators in Museums and Other Informal Learning Settings:** <https://www.nisenet.org/working-with-experts>

Additional NISE Network Resources included in the chat during the workshop:

- Public Engagement with Science: A guide to creating conversations among publics and scientists for mutual learning and societal decision-making:
<https://www.nisenet.org/public-engagement-conversations-guide>
- Forum and Science Café resources: <https://www.nisenet.org/forums>
- Calendar of STEM-related seasonal events, holidays, and related public engagement resources: <https://www.nisenet.org/seasons>
- Curated collections of hands-on activities and resources by themes and STEM topic:
<https://www.nisenet.org/browse-topic>
- Program Development: A NISE Network Guide to Creating Effective Learning Experiences for Public Audiences:
<https://www.nisenet.org/catalog/nise-network-program-development-guide>
- Nanotechnology and Society Guide: A Practical Guide to Engaging Museum Visitors in Conversations: <https://www.nisenet.org/catalog/nanotechnology-and-society-guide>
- Museum & Community Partnerships: Collaboration Guide and additional resources:
<https://www.nisenet.org/collaboration-guide>

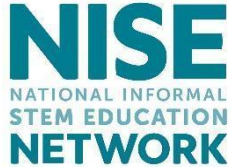
- Diversity, Equity, Accessibility, and Inclusion (DEAI) resources:
<https://www.nisenet.org/audiences>
- Tips sheets for Engaging Public Audiences:
<https://www.nisenet.org/catalog/tips-sheets-engaging-public-audiences>
- NISE Network Team-based Inquiry: A practical guide for using evaluation to improve informal education experiences:
<https://www.nisenet.org/catalog/team-based-inquiry-guide>
- Explore Science: Let's Do Chemistry Kit
<https://www.nisenet.org/chemistry-kit>
- Let's Do Chemistry Train-the-Trainer Online Workshop:
<https://www.nisenet.org/lets-do-chemistry-train-trainer-workshops>

Additional Resources included in the chat during the workshop (please note more resources are included in the guide)

- Center for Advancement of Informal Science Education (CAISE) Inquiry Group Report “Many Experts, Many Audiences: Public Engagement with Science and Informal Science Education:”
<https://www.informalscience.org/many-experts-many-audiences-public-engagement-science>
- Changing the Face of STEM – When You Picture a Scientist, Who Do You See? Resources:
 - 2020 documentary “Picture a Scientist:” <https://www.pictureascientist.com>
 - 2021 documentary “Not the Science Type:”
https://www.3m.com/3M/en_US/state-of-science-index-survey/not-the-science-type/
 - IF/THEN® initiative: <https://www.ifthenshecan.org>
 - “I Am A Scientist,” digital tools, images, and posters:
<https://www.iamascientist.info>
- Science Café resources: <https://www.sciencecafes.org>
- Science Festival resources: <https://sciencefestivals.org/>
- For best practices and advice for virtual online engagement:
 - Guide developed by STARnet and Portal to the Public:
https://ncil.spacescience.org/images/papers/Virtual%20Programs%20Featuring%20Scientists_FINAL_small.pdf
 - Night Sky Network virtual stargazing event resources:
https://nightsky.jpl.nasa.gov/download-view.cfm?Doc_ID=669
 - How to Present Virtually to Students for NASA video:
<https://www.youtube.com/watch?v=egSe81sIIDk>
- American Association for the Advancement of Science (AAAS) affiliated societies:
<https://www.aaas.org/group/60/list-aaas-affiliates>

Staying Connected to the NISE Network

- Upcoming NISE Net online workshops: <https://www.nisenet.org/events>
- Subscribe to the monthly newsletter: <https://www.nisenet.org/newsletter>
- Follow #nisenet on social networking: <https://www.nisenet.org/social>
- Contact your Regional Hub Leader with questions: <https://www.nisenet.org/contact>



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