



Making Chemistry Matter to Your Public Audiences – Using Hands-on Activities to Stimulate Interest, Relevance, and Self-efficacy

Online Workshop Summary of Resources
9-17-2019

Online Workshop Presenters

- **Rae Ostman, Co-PI**, Arizona State University
- **David Sittenfeld, Co-PI**, Museum of Science
- **Marta Beyer, Allison Anderson, and Owen Weitzman**, Project Research Team, Museum of Science
- **Patti Galvan and David Horwitz**, Project Partner, American Chemical Society
- **Emily Hostetler**, Activity Development Team, Museum of Science

Recording of the Online Workshop on Vimeo

- <https://vimeo.com/360658710>

Online Workshop Links and Resources

NISE Network Resources

Explore Science: Let's Do Chemistry project

- Explore Science: Let's Do Chemistry digital kit
<https://www.nisenet.org/chemistry-kit>
- Professional Development and Training Materials; Framework and Strategies Guide
<https://www.nisenet.org/catalog/explore-science-lets-do-chemistry-professional-development-and-training-materials-framework>
- Event Planning and Partnerships Guide
<http://nisenet.org/catalog/explore-science-lets-do-chemistry-event-planning-and-promotion-guide>
- Let's Do Chemistry Safety Guide
<https://www.nisenet.org/catalog/explore-science-lets-do-chemistry-safety-guide>
- Let's Do Chemistry promo videos [15 and 30 seconds, and 3 minutes]
<https://www.nisenet.org/catalog/explore-science-lets-do-chemistry-promo-video>
- NISE Network blog post: Celebrating "Out of This World" Chemistry Events Across the Country (October 2018)
<https://www.nisenet.org/blog/post/celebrating-out-world-chemistry-events-across-country>

American Chemical Society (ACS) Resources



National Chemistry Week

- National Chemistry Week (NCW): www.acs.org/ncw
- NCW Coordinator lookup: www.ncwlookup.acs.org
- Find a NCW event
<https://www.acs.org/content/acs/en/education/outreach/ncw/plan-an-event.html>
- Educational Resources
www.acs.org/content/acs/en/education/outreach/ncw/plan-an-event/educational-resources.html
- Design Toolkit
<https://www.acs.org/content/acs/en/education/outreach/ncw/design-toolkit.html>
- Digital *Celebrating Chemistry* publication (English and Spanish)
www.acs.org/celebratingchemistry
- Illustrated Poem Contest
<https://www.acs.org/content/acs/en/education/outreach/ncw/plan-an-event/illustrated-poem-contest.html>
- Promotional Items: www.acs.org/store

Other ACS Resources

- ACS's Explore Science: Let's Do Chemistry resource page
www.acs.org/letsdochemistry
- ACS Kids Zone – Find upcoming and past events, and download ACS Kids Zone experiments: www.acs.org/kidszone
- Outreach Training Program (OTP) - Attendees learn to successfully plan and execute hands-on outreach events, as well as have an opportunity to network and build a community with others passionate about science outreach and ACS
www.acs.org/otp

Hands-on Activities that Align with the 2019 NCW theme, *Marvelous Metals*

- NISE Net's NCW resources page: www.nisenet.org/national-chemistry-week
- ACS metal-themed activities and more
<https://www.acs.org/content/acs/en/education/outreach/ncw/plan-an-event/educational-resources.html>

- Explore Science: Let's Do Chemistry kit - Build a Battery
<http://www.nisenet.org/catalog/build-battery>
- Frankenstein 200 kit - Spark of Life: <http://www.nisenet.org/catalog/spark-life>
- Frankenstein 200 kit - Battery Stack: <http://www.nisenet.org/catalog/battery-stack>
- NanoDays kit - Exploring Materials - Memory Metal
<http://www.nisenet.org/catalog/exploring-materials-memory-metal>
- NanoDays - Electroplating
<http://www.nisenet.org/catalog/exploring-fabrication-electroplating-nanodays-2014>
- NanoDays - Exploring Materials - Ferrofluid
<http://www.nisenet.org/catalog/exploring-materials-ferrofluid-nanodays-08-09-10-11-14>
- NanoDays – Exploring Materials - Nano Gold
<https://www.nisenet.org/catalog/exploring-materials-nano-gold-nanodays-2012>

NISE Network Upcoming Online Workshops

- 10/8/19: Empowering Girls in Science Through Growth Mindset and the New Girl Scout Space Science Badges:
<https://www.nisenet.org/events/online-workshop/online-workshop-empowering-girls-science-through-growth-mindset-and-new-girl>
- 11/19/19: Programming for Audiences with Special Needs:
<https://www.nisenet.org/events/online-workshop/online-workshop-programming-audiences-special-needs>
- NISE Network Upcoming Online Workshops: <http://nisenet.org/event-type/online-workshop>

Staying Connected to the NISE Network

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



Developed and distributed by the National Informal STEM Education Network.

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Funded by the National Science Foundation through the Museum of Science. This material is based upon work supported by the National Science Foundation under Grant Number DRL 1612482. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the view of the National Science Foundation.