



## Resource Packet: Tips for Optimizing Your LPSC Experience

### INFORMATION ABOUT NETWORKING

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#### Webinar recordings

The GradPathways Institute, 2020. Beyond the Podium: Preparing for Conferences.

<https://www.youtube.com/watch?v=qQzaMHbR9g>

The GradPathways Institute, 2020. Beyond the Podium: Maximizing Network

Opportunities at Conferences. <https://www.youtube.com/watch?v=aVOcPK6RwtA>

#### Online resources

10 Tips for Easier Networking at Scientific Conferences. Medium. Yammine, S., 2018.

<https://heysciencesam.medium.com/10-tips-for-easier-networking-at-scientific-conferences-bde2a8ccc72a>

An introvert's guide to networking at conferences. Cell Mentor. Drayton, L., 2019.

<http://crosstalk.cell.com/blog/an-introverts-guide-to-networking-at-conferences>

#### Publications

Levine, A., 2015. Informational interviews I: Why should I bother? *Physics Today*.

<https://doi.org/10.1063/PT.5.9046>

Levine, A., 2015. Informational interviews II: What do you talk about? *American Institute of Physics, Physics Today*.

<https://www.aip.org/jobs/career-advice/informational-interviews-ii-what-do-you-talk-about>

### INFORMATION ABOUT ORAL PRESENTATIONS

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#### Webinar recordings

Present your Science: Transforming Technical Talks. AGU 202 Fall Meeting Oral Presenter Training, webinar presented by Melissa Marshall.

<https://tinyurl.com/oralpresentertraining>

The GradPathways Institute, 2020. Rock the Talk, Part I.

<https://www.youtube.com/watch?v=vV-dUoHzdHA>

The GradPathways Institute, 2020. Rock the Talk, Part II: Creating Successful and Memorable Presentations. [https://www.youtube.com/watch?v=iLQqn\\_HU-oA](https://www.youtube.com/watch?v=iLQqn_HU-oA)

Melissa Marshall, 2012. Ted Talk. Talk Nerdy to Me: Transform the way you present your research – for good. [https://www.ted.com/talks/melissa\\_marshall\\_talk\\_nerdy\\_to\\_me](https://www.ted.com/talks/melissa_marshall_talk_nerdy_to_me)

Mastering the virtual presentation & making the most of an e-lightning poster – AGU Sharing Science <https://connect.agu.org/sharingscience/virtual-learning-modules/skills-for-complete-scientist/virtual-presentation>

### **Online resources**

Speak your science: How to give a better conference talk. The Planetary Society.

Lakdawalla, E., 2018. <https://www.planetary.org/articles/0206-speak-your-science>

10 tips for Achieving Presentation Zen on Stage. <https://www.presentationzen.com/>

Assertion-Evidence Approach: Rethinking Scientific and Technical Presentations. <https://www.assertion-evidence.com/>

### **Publications**

Fleming, N., 2018. How to give a great scientific talk. *Nature* 564, S84–S85.

<https://doi.org/10.1038/d41586-018-07780-5>

Kurtz, D.W., 2006. Advice on Giving a Scientific Talk 349, 435.

<https://articles.adsabs.harvard.edu/pdf/2006ASPC..349..435K>

Alley, M., 2011. *The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to Avoid*, 2nd ed. 2013 edition. ed. Springer, New York.

<https://bookshop.org/books/the-craft-of-scientific-presentations-critical-steps-to-succeed-and-critical-errors-to-avoid/9781441982780>

## **INFORMATION ABOUT POSTER PRESENTATIONS**

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### **Webinar recordings**

Powerful Posters: Tips and Tricks. AGU 2020 Fall Meeting Poster (in-person and virtual iPoster) Presenter Training, webinar presented by Melissa Marshall.

<https://tinyurl.com/postertraining>

AGU, 2015. AGU Career Center: How to Design, Prepare and Present a Winning Poster.

<https://www.youtube.com/watch?v=1jLLaNXCSws>

APECS Career Development Webinars, 2010. Jenny Baeseman and Kristin Timm: The Art of the Poster Session. <https://vimeo.com/channels/288683/17646765>

### **Online resources**

Designing conference posters (templates, examples of good and bad posters). Colin Purrington. <https://colinpurrington.com/tips/poster-design/>

How to design an effective scientific poster. The Planetary Society. Bryne, P., 2018.  
<https://www.planetary.org/articles/design-sci-poster>

Scientific Poster Tutorials - How to Make a Research Poster.  
<https://www.makesigns.com/tutorials/>

The Scientist's Guide to Poster Design, K.M. Everson.  
<https://www.kmeverson.org/academic-poster-design.html>

PowerPoint Poster Templates. <https://www.craftofscientificposters.com/templates.html>

## Publications

Powell, K., 2012. Presentations: Billboard science. *Nature* 483, 113–115.  
<https://doi.org/10.1038/nj7387-113a>

Rougier, N.P., Droettboom, M., Bourne, P.E., 2014. Ten Simple Rules for Better Figures. *PLOS Computational Biology* 10, e1003833.  
<https://doi.org/10.1371/journal.pcbi.1003833>

Rubenson, D., 2020. Why your scientific presentation should not be adapted from a journal article. *Nature*. <https://doi.org/10.1038/d41586-020-03300-6>

## ADDITIONAL RESOURCES

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Inkscape – Powerful, Free Design Software. (Similar to Adobe Illustrator. Inkscape poster templates are available online.) <https://inkscape.org/>

AGU SciComm Toolkits – Guides that will help you communicate your science in a variety of ways to diverse audiences. <https://connect.agu.org/sharingscience/resources/toolkits>

Webinars from The GradPathways Institute, 2020. UC Davis.

- Keys to Successful Conferences.  
<https://www.youtube.com/watch?v=fKy9WR5YMHQ>
- Mastering Imposter Syndrome. [https://www.youtube.com/watch?v=OIdJHdq4\\_ag](https://www.youtube.com/watch?v=OIdJHdq4_ag)
- Getting to the Point: Communicating the Value of Your Research.  
<https://www.youtube.com/watch?v=5UB-rCRucUk>
- Your Research Matters: How to Communicate Your Work.  
<https://www.youtube.com/watch?v=HhWQ6kmIoaw>

De-jargoning your talks. Can you explain a hard idea using only the most used words? Try it out! <https://splasho.com/upgoer5/>

Coblis – Color Blindness Simulator. <https://www.color-blindness.com/coblis-color-blindness-simulator/>