



2022 Summer Workshops for STEM researchers

AARON M. ELLISON & MANISHA V. PATEL

Sound Solutions for Sustainable Science

Working together, our differences make us stronger

Sound Solutions for Sustainable Science was founded by two very different people who recognize that working with and melding differences makes for a strong team. Building communities for everybody means engaging with everyone on their own terms. We value experiences and points-of-view that challenge us to think creatively and in new ways.

Sound Solutions for Sustainable Science is offering a series of workshops this summer focused on developing STEM professional skills. Participating in intensive workshops is a practical and effective way to learn. If you are currently working on a research project (or plan to this summer), you will be able to immediately apply what you have learned from the workshops. Our [workshops page](#) has additional details and up-to-date information.

- The 2022 workshops will be led by Aaron Ellison and facilitated by Manisha Patel.
- All sessions will be done live via Zoom video-conferencing.
- The content of each workshop is aimed at **undergraduates and early-stage graduate students**, but learners of any level are welcome to participate.

Introduction to Scientific Computation and Data Visualization

In two 90-minute sessions, this workshop introduces concepts of object-oriented programming used in R, Python, and Julia; data visualization; markdown; and Jupyter notebooks for implementing reproducible analysis.

→ **Dates:** early June 2022, two dates TBD

→ **Fee:** US \$50 per person

Communicating Scientific Knowledge

In three 90-minute sessions, this workshop focuses on writing abstracts, giving oral talks, and crafting scientific posters, and using all of these to communicate scientific knowledge to peers and colleagues at meetings, symposia, and conferences.

→ **Dates:** July 2022, three dates TBD

→ **Fee:** US \$75 per person

Basics of Data Management

A single-session, 90-minute workshop on learning the **FAIR** principles and using them to create and publicly archive your **F**indable, **A**ccessible, **I**nteroperable, and **R**eusable data.

→ **Date:** early August 2022, one date TBD

→ **Fee:** US \$30 per person

If you direct an undergraduate experiential research program or graduate training program and would like to schedule a workshop for your program, please email us at info@ssforss.com.

We envision a community of well-educated, diverse, and inclusive scientists working together to tackle the major social, cultural, and technological challenges of the 21st century. Our goal is to develop and provide uniquely tailored programs for all learners who share our vision and want to work with us to build this community.

Learn more about us at ssforss.com.