



Virtual Professional Development Resources for Trainees

Looking for resources to continue your training and professional development at home?
Look no further—a variety of recommended resources are listed below.

Educational & Career Development

- [SOT Mentor Match Online Mentoring Program](#)
- [SOT Webinar Archive: Career Development Webinars](#)
- [National Postdoctoral Association: Postdoc Resource Library](#)
- [National Association of Graduate-Professional Students](#)
- [myIDP – Science Careers Individual Development Plan](#)
- [2Actify Resources for LinkedIn](#)
- [INTERSECT Job Simulators](#)
- [Pathways to Science Career Resources](#)
- [AAUW Salary Negotiation Course](#)

Data Science

- [Statistics and R Online Course \(FREE; Harvard University edX\)](#)
- [Reddit: Guide to Help Wet Lab Biologists Learn Computational Biology](#)
- [R for Data Science \(FREE; book course\)](#)
- [Quantitative Genomics and Genetics \(FREE; Cornell\)](#)
- [Introduction to Biostatistics](#)

Science Communication, Grant Writing, & Professional Soft Skills

- Webinars for Extramural Trainees: [NIH Office of Intramural Training and Education \(OITE\)](#)
- Live Webinars: [Alan Alda Center for Communicating Science](#)
- [Grant Writing and Funding](#)
- [Citation managers & Software Comparisons](#) (by UMich Libraries)

Image Processing

- [Basics of Image Processing and Analysis in Image J Course \(FREE\)](#)
- [Adobe Illustrator for Scientists \(YouTube\)](#)
- [BioRender Online Science Illustrator](#)
- [Making Science and Engineering Pictures: A Practical Guide to Presenting Your Work](#)

Research Aids

- [JAX™ On-Demand Webinars](#)
- [Web of Science](#)

Science Education & Teaching

- [SOT Eminent Toxicologist Lectures](#)
- [Online Teaching Resources \(UC Riverside\)](#)