



Early-registration deadline: June 1

This international meeting guides faculty members on how to teach using web-based, free-access large data sets. What do we mean by "big data"? Data that are so large, fast or complex that they're difficult or impossible to process using traditional methods.

Who should attend:

This workshop is for faculty members who would like to get started teaching science with open-source big-data applications. *Participants are **not** expected to have expertise in computer programming, Jupyter Notebooks or RStudio.*

Join us to learn these valuable teaching skills.

[REGISTER](#)

Event format:

This event will take place virtually. [See the full schedule here.](#)

Topics covered:

- Investigating evolutionary relationships through cluster analysis using Jupyter Notebook
- Visualization of Top 8000's protein data set using RStudio
- Pedagogy of working with climate big data using RStudio
- Visualization of Top 8000's protein data set using Biopython
- Resources and implementation plans

Important deadlines:

June 1: Poster-abstract deadline

June 1: Early-registration deadline

June 16: Regular registration deadline

Keynote



Michael Lauer

National Institutes of Health

Facilitators



Alon Friedman

University of South Florida



Wally Novak

Wabash College



Catherine O'Reilly

Illinois State University



Charlie Weiss

Augustana University



Stephen Zepecki

National Oceanic and Atmospheric Administration

This meeting is sponsored by:

