

Cornell Data Services October 2025 Newsletter

Comprehensive Data Planning & Services

[Cornell Data Services](#) is a collaborative, campus-wide organization that assists with data management and sharing plans, applying best practices for managing data, and finding data-related services at any stage of the research process.

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Spotlight

Gold Standard Science

A New Name for Familiar Standards

An executive order listing 9 tenets of [Gold Standard Science](#) was issued in May of 2025, but Cornell researchers have been upholding these standards for decades.

Solid data management makes it easier to achieve these 9 familiar standards, and Cornell University Library's Research Data and Open Scholarship group is here to help with informative resources, expert advice, and Cornell's eCommons Digital Repository. [Learn more about Cornell University Library's Data Curation Service.](#)

Achieving the 9 Tenets with Data Management

1. Reproducibility

- **Plan reproducible workflows** with our data management plan review service.
- **Publish data, code and supporting materials** in the eCommons repository.

2. Transparency

- **Record rich metadata and documentation** with our templates and guidance.
- **Link data to related articles and preprints** in eCommons.

3. Error and Uncertainty

- **Clearly communicate limitations and margins of error** with our ReadMe templates and prompt feedback.

4. Interdisciplinarity

- **Make data accessible outside your field** with personalized guidance on controlled vocabularies, keywords, and documentation.

5. Skepticism

- **License data for reuse** with license options and guidance in eCommons.
- **Invite questions** by including contact information for the corresponding author.

6. Falsifiability

- **Share raw data along with code and outputs** after our curatorial review service ensures your process is clear and understandable.

7. Unbiased Peer Review

- **Give peer reviewers access to your data** published in eCommons.

8. Negative Results

- **Publish negative and null results** in eCommons where it's easy to share data with or without an associated publication.

9. Conflicts of Interest

- **Disclose affiliations** by linking your data publication to your ORCID identifier.
- **Make funder info easy to find** with the eCommons funder metadata field.

This text is adapted from the text version of content of the same title, created by Sandi Caldrone and available through the University of Illinois [Research Data Service](#), and at <https://hdl.handle.net/2142/129106>. The original content for this work is licensed under CC BY 4.0.

Webinars | Training | Conferences

Cornell Events

[CCSS Fall Computing and Data Workshops](#)

Elevate your computing and data-related skills through workshop sessions curated by the Cornell Center for Social Sciences! Sessions cover topics such as data processing and qualitative analysis.

[Learn more and register.](#)

Data Den Workshops

Cornell University Library's Research Data and Open Scholarship group is excited to be hosting the Data Den, a series of data skills workshops, this semester. Each workshop will introduce participants to a different tool or skill used for data collection, analysis, and sharing.

All workshops are open to learners of all levels, with no prior experience required.

Workshops will be offered hybrid (both in person and online) in Stone Classroom (Mann Library room 103) unless otherwise specified. Find more information and register here: bit.ly/DataDen2025

- [Processing Data with OpenRefine \(Virtual only\)](#)
- [Introduction to GitHub for Solo Projects \(Hybrid\)](#)
- [Introduction to GitHub for Collaborative Projects \(Hybrid\)](#)
- [Introduction to Data Visualization with Datawrapper \(Hybrid\)](#)
- [Establishing a Researcher Profile \(Hybrid\)](#)
- [CLI Basics: A beginners crash course \(Hybrid\)](#)

Digital CoLab Office Hours and Co-Working

Wednesdays and Thursdays | 10am-12pm, drop in as your schedule allows

Digital CoLab, Olin Library 701

Visit the Digital CoLab's office hours to ask questions, [co-work](#), grab a hot drink, and meet friends from across campus interested in digital studies. All Cornell students, faculty, and staff are welcome. No prior experience necessary.

Cornell R User Group Meetings

Various days, 4pm | Mann Library 102, Zoom available

The goal of this group is to create a community of R users at Cornell who support each other in using R. It will provide a space for people at all levels to connect and learn skills, methods, and practices in R that they can apply to their research and professional work. For more details, please visit the [website](#) and [Confluence page](#) and join the listserv for updates.

- Tuesday Oct 7: Making a website using R and GitHub
- Tuesday Nov 11: Using AI tools in R coding
- Thursday Dec 4: Modeling and machine learning using tidymodels

External Events

Set up your ORCID (online short video)

Learn how to automatically import works to your ORCID record. These short explainer videos will help you set up your record - including importing works using a Search & Link wizard (also a perfect idea for your Halloween costume, no?). [Let's go!](#)

2025 LabArchives Research Edition Bootcamp

The LabArchives team is excited to announce the **2025 LabArchives Research Edition Bootcamp**. Whether you are a current LabArchives user or cautiously sitting on the sidelines reluctant to change old habits, this event is dedicated to improving the management of your data. Pick and choose the sessions that interest you or attend all the sessions. Learn more about [LabArchives at Cornell](#) and [register for the Bootcamp training sessions](#).

This Year's Topics Include:

- LabArchives 101: The basics of LabArchives ELN
- Getting started with LabArchives Inventory for Lab Managers and Supervisors
- Setting up a LabArchives Scheduler Organization to Manage the Booking of Lab Resources
- Optimizing Research Workflows using Templates, Widgets, and Forms in LabArchives
- Improve Research Data Management and Reproducibility with LabArchives Electronic Lab Notebook
- LabArchives Integration Spotlight: Workflows for LabArchives, SnapGene, and GraphPad Prism
- Unlocking New Tools: Latest Features in LabArchives Including Form Center and Account Manager
- Safeguarding and Innovation: Using LabArchives to support corporate research, sponsored projects, and external collaboration

Funder and Publisher News

New! Guide for publishing public access journal articles available

This [guide](#) incorporates the [new National Institutes of Health Public Access Policy](#) which requires NIH-funded Author Accepted Manuscripts accepted for publication in a journal to be deposited in PubMed Central with zero embargoes. For help selecting applicable journals and navigating open access publishing, reach out to your [library liaison](#) or email open-scholarship@cornell.edu.

Keeping up with federal funder data management and sharing requirements

To stay informed, the following resources may be helpful:

- **Cornell Research & Innovation** is actively monitoring developments and providing [funding and agency updates during the federal transition](#), including guidance for those submitting proposals or managing active awards.
- **Council on Governmental Relations (COGR)**, which tracks federal policies and regulations affecting U.S. research institutions, is also collecting [Executive Orders and Department and Agency Directives and Memoranda](#).
- **Cornell Data Services** offers guidance on [funder data requirements](#) and advice on [writing data management and sharing plans](#). For support, email data-help@cornell.edu and we'll connect you with the Cornell data-related resources you need.

Data in the News!

Featured in: [Up, up and away: Dandelions use upward winds to spread seeds \(Cornell Chronicle\)](#)

Jena Shields, a Ph.D. candidate in Chris Roh's biological and environmental engineering lab in the College of Agriculture and Life Sciences says that "We see dandelion seeds as a model species for a lot of wind-dispersed plants, so our hope is that understanding more about abscission in dandelions will help us understand wind-dispersed plants in general." – [Cornell Chronicle](#)

- **Related publication:** Shields, J., Ramirez-Esquivel, F., Sun, Y., Shih, A., Ravi, S., & Roh, C. (2025). letting go with the flow:directional abscission of Dandelion Seeds. Journal of The Royal Society Interface, 22(230). <https://doi.org/10.1098/rsif.2025.0227>
- **Related [curated](#) dataset:** Jena Shields, Fiorella Ramirez-Esquivel, Aspen Shih, Yukun Sun, Ravi Sridhar, Chris Roh (2025) Data from: Letting go with the Flow: Directional Abscission of Dandelion Seeds [Dataset] Cornell University Library eCommons Repository. <https://doi.org/10.7298/5npb-8c98.2>

In Case You Missed It

The 2025-2026 CCSS Brochure Is Here!

CCSS is excited to share the annual brochure! Inside, you'll find funding opportunities, programs and services, and the social science research they've supported that's making a positive impact on society.Flip through the [digital brochure](#), or request a print copy by emailing socialsciences@cornell.edu.

Federal Agencies' responses to Gold Standard Science

Federal Agency responses to the [Executive Order on Gold Standard Science](#) were due Friday August 22. Several funders' plans have been published:

- NSF: [National Science Foundation Implementation of Gold Standard Science](#)
- NIH: [National Institutes of Health Leading in Gold Standard Science](#)
- DOE: [Restoring Gold Standard Science DOE Implementation Plan](#)
- USDA: [Responding to and Implementing Gold Standard Science at the US Department of Agriculture](#)
- NASA: [NASA Implementation of Executive Order 14303, Restoring Gold Standard Science](#)

Schedule a Consultation

CDS [consultants](#) are available year-round to answer questions and help with data-related problems. We can meet via Zoom, email, or phone.

Send a request to data-help@cornell.edu to arrange a consultation at a time that works for you.

Has this newsletter been helpful?

Tell us about it using this [feedback form](#) and we'll send you a **Cornell Data Services** goody bag!



<https://data.research.cornell.edu>



data-help@cornell.edu

Join or leave this list: <https://data.research.cornell.edu/contact-us/>