

COLUMBIA RESEARCH READI PROGRAM

Columbia University

ReadI Program | eNewsletter | October 2019

Welcome!

Columbia University's Research and Data Integrity (ReadI) Program has officially launched its own eNewsletter. This eNewsletter will provide researchers with updates on new resources, upcoming programs, plus more! Archived eNewsletters will be posted on the [ReadI Program's website](#).



Meet Michelle Benson, PhD

Michelle Benson is the Assistant Director for Research Integrity and Compliance in the [Office of Research Compliance and Training](#). She joined Columbia University in 2014 to lead the new ReadI Program. Through the ReadI Program, she provides outreach and resources for research and data integrity, reproducibility and PI consultations. In addition to her work with the ReadI Program, she works on matters related to research misconduct and financial conflicts of interest. A native of Ohio, she received her B.S. in Chemistry from Ohio University and her PhD in Materials Chemistry from University of Wisconsin-Madison.

What is New?

Rigor and Reproducibility

Stephanie Scott (SPA) and Michelle gave a webinar on NIH's Rigor and Reproducibility. The [slides](#) and [video](#) are posted. (UNI Login required).

A [Rigor of Prior Research Checklist](#) has been adapted from Dr. C. Glenn Begley's "Six Red Flags for Suspect Work" for researchers accessing prior research for rigor.

Scientific Writing Courses

Nature's Masterclasses include a 3-part course that covers everything from writing skills to what editors look for. [These courses are available at no cost to Columbia researchers.](#)

Beware Predatory Journals

There are [~8,000 journals](#) that have been identified as "predatory" and their publishing practices can harm the scientific enterprise. Learn how to spot a suspect journal with these resources from the [ReadI Program and Columbia's Scholarly Communications](#).

Group Manuals for PIs

Mentoring a research group while managing multiple projects can be challenging. [A group manual is a great tool to streamline these processes](#). The ReadI Program has gathered resources for PIs to help them create their own group manual. What goes into a group manual? Anything from data management expectations and protocols to expectations for laboratory culture. Not sure where to start? [The ReadI Program is available to help PIs](#).

for private projects or to publish in academic journals. It can help meet journal and funder requirements regarding data management and access.

Jointly funded by CUIT and Libraries and in collaboration with EVPR, Columbia University is piloting Code Ocean. This program provides expanded storage capacity and compute time beyond the free tier among other benefits. [Sign up for the pilot.](#)

A University Symposium: Promoting Credibility, Reproducibility and Integrity - Videos now posted!

In March 2019, Columbia, along with NYC co-sponsors hosted a second PCRI Symposium. [Videos are now posted.](#) The next PCRI Symposium will be in 2021. Sign-up to receive email alerts when registration is available.

Did you know?

There are several resources for Columbia's researchers. Below are some of the most popular:

- [LabArchives](#) - An electronic lab notebook that is provided at no cost to Columbia researchers
- [Secure Data Enclave](#) - Provides researchers with a secure, remotely accessible, virtual Windows 10 desktop environment to store and collaborate on PII, PHI, and RHI data
- [data.research.columbia.edu](#) - A one-stop website for guidelines, policy, and resources related to research data

Looking for something in particular? [Read! Program is seeking your feedback!](#)

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- [Research on integrity.](#)
- The National Academies published their report on [Research Reproducibility and Replicability](#)
 - [Five selfish reasons to work reproducibly](#) by Florian Markowitz
 - [Animal registries aim to reduce bias](#) by Monya Baker
 - [Research Integrity is Much More than Misconduct](#)
 - [Highlight negative results to improve science](#) by Devang Mehta

Data Management

- [How to keep a lab notebook](#) by Elisabeth Pain
- [11 Ways to Avert a Data-Storage Disaster](#) by Jeffrey M. Perkel
- [How to Support Open-Source Software and Stay Sane](#) by Anna Nowogrodzki
- [Workflow systems turn raw data into scientific knowledge](#) by Jeffrey M. Perkel

Graduate Students/Postdocs

- [Don't miss your PhD deadline](#) - top tips for avoiding last-minute disasters and filing your thesis on time. By Nic Fleming
- [What Not to do in Graduate School](#) by Buddini Karawadeniya

Miscellaneous

- [Poll Finds Trust in Scientists is Rising](#) from NPR
 - [Four ways scientists band together outside the lab](#) by Tracy Staedter
 - [Want your government to increase funding for research? Here is what you can do](#) by Joe Luchsinger
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Faculty Programs

November 20th: [Assembling and Managing a Successful Research Team - What to Look for and What to Avoid](#)

Postdoc Programs

October 25th: [Navigating Relationships with Industry](#). A faculty panel will discuss their experiences collaborating with industry, successful commercial licensing, and starting their own companies. *RCR credit eligible*

November 11th (CUIMC) or 13th (MS): Safeguarding Your Research: Research Integrity and Reproducibility ([CUIMC](#) or [MS](#)). This session will provide trainees with resources for ensuring their research outputs are robust. *RCR credit eligible*

December 3rd or 4th: Publishing Ethics, Public Access, and Open Access ([CUIMC](#) or [MS](#)). This session will cover the basics of navigating the publishing enterprise. *RCR credit eligible*

Interested in having the ReadI Program present at your group or department meetings? [Schedule a talk today!](#)

Open Access Week 2019

October 21st-25th: In honor of Open Access Week, Columbia's Libraries will be hosting several workshops:

Working with Open APIs

<https://events.columbia.edu/gg/openAPIs>

Reclaim your (author) rights!

<https://events.columbia.edu/gg/AuthorRights>

Fee-free Open Access

<https://events.columbia.edu/gg/APCfreeOA>

Intro to Open Mapping with QGIS

<https://events.columbia.edu/gg/QGIS>

Learn more:

<https://scholcomm.columbia.edu/oaweek.html>

Have an upcoming event related to research integrity and research resources? Email mb3852@columbia.edu to be included in the next eNewsletter.

Stay Tuned!

The ReadI Program is continually developing and identifying new resources. Some upcoming resources include:

- LabArchives tutorial
- Earth and Environmental Science resource page
- Engineering and Physical Sciences resource page
- ReadI Program pilots for individual departments
- Plus more webinars and trainings!

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