

Scholarly Communication and Publishing Developments: A Sampling

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Developments within the scholarly communication and publishing ecosystem directly impact phases of the research and information lifecycle. This month we look at a few shifts and innovations that have affected scholarly communications and publishing in 2022, and how those changes will inform research in the upcoming year.

Sharing and Repositories

To encourage the replication of studies and sharing of biomedical research data, the [National Institutes of Health's Final Policy for Data Management and Sharing](#) will go into effect January 25, 2023. As researchers are informed about the new policy, resource sharing and repository communities continue to build services and tools to support the transition. This past July the Confederation of Open Access Repositories (COAR), to which Galter belongs, announced a new [Community Framework for Good Practices in Repositories](#), dedicated to consistent evaluation and improvement of repository operations. In collaboration with the Centre pour la Communication Scientifique Directe (CCSD), COAR also announced a [directory of open access preprint repositories](#) providing a valuable resource to researchers seeking the best platform for their work.

The NIH launched the [Generalist Repository Ecosystem Initiative](#) (GREI), dedicated to enhancing access to biomedical research through establishing a common set of capabilities across generalist repositories and promoting the adoption of FAIR principles. Learn more about the importance of this initiative and how it is impacting the data ecosystem at the National Cancer Institute by [breaking down barriers to sharing cancer data](#). Northwestern and the European Organization for Nuclear Research (CERN) [announced a collaboration](#) that enables Zenodo's participation in GREI.

The Galter team has been compiling [resources](#) and developing instruction to support the Feinberg community through the transition. Galter staff members wrote [ten simple rules for maximizing the recommendations of the NIH data management and sharing plan](#) published in *PLoS Computational Biology* in August.

The National Library of Medicine

In October 2022, the National Library of Medicine's (NLM) National Center for Biotechnology Information released version 14 of [NCBI Datasets](#) expanding access and improving interoperability in support of the Data Management and Sharing Policy. NLM also announced efforts to leverage its information resources to improve accessibility and released a [statement](#) that it stands ready to support [NIH's implementation](#) of updated policy guidance [issued by the White House Office of Science and Technology Policy \(OSTP\)](#).

The life and legacy of Donald A.B. Lindberg, MD, longtime NLM director, was honored this year through a [symposium](#) and the publication of [Transforming Biomedical Informatics and Health Information Access: Don Lindberg and the U.S. National Library of Medicine](#) (Studies in Health Technology and Informatics, vol.288, 2022). The book is a tribute to his profound impact during his tenure as NLM Director (1984–2015) and guides readers through the significant shifts in biomedical research and health information access over the past three decades.

Societies and Publishing

Societies enjoy a long tradition of providing professional development and publishing opportunities for members. There are several key items of note:

- In January 2023, Radiological Society of North America will publish a final 100th anniversary print edition of *Radiology* before moving its journals to all [digital format](#).
- The American Academy of Pediatrics will launch [Pediatrics Open Science](#) as its flagship journal, *Pediatrics*, marks 75 years.
- [Microbiology Society](#) celebrates *Microbiology's* 75 years and re-launch of [Access Microbiology](#) as an open research platform.
- [New York Academy of Medicine](#) celebrates its 175th anniversary. It began publishing *Bulletin of the New York Academy of Medicine* in the 1860's, was renamed the Journal of Urban Health in 1997, continues today outside of NYAM auspices.
- The Royal Society of London's venerable *Philosophical Transactions* has published works by Charles Darwin, Dorothy Hodgkin and other scientific notables. [A History of Scientific Journals: Publishing at the Royal Society, 1665-2015](#) explores 350 years of scientific publishing.
- The [Journal of Clinical Investigation \(JCI\)](#), published by American Society for Clinical Investigation (ASCI), finds a home at Northwestern with the journal's first female editor in chief, [Elizabeth McNally, MD, PhD](#). Read McNally's inspiring charge, [Make it even better](#) (March 2022).

Galter Library provides information and support during various stages of scholarly publishing and data management, including our [DataLab](#), [publication support](#), [training on various NIH and NLM resources](#) and more. [Request a consultation](#) or [contact us](#) for more information.

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