

Effective Data Practices Conference at a Glance

5 Questions for Conference Participants

1. What barriers remain to implement the widely recognized good practices in the NSF DCL?
2. What kinds of model workflows might address those barriers, while minimizing faculty burden?
3. What does the implementation of the NSF DCL mean for institutional data governance?
4. Which findings should be brought back to policymakers, funding agencies, and institutions so they can engage in a discussion about the next steps?
5. What are the recommendations for effective practices for grants offices, including guidance to their researchers?

5 Takeaways from the Conference

1. Center the researcher
2. Create closer integration of library and scientific communities
3. Open PID infrastructure is a core community asset
4. Unbundle the DMP
5. PIDs will unlock discovery

5 Core PIDs to Power Findability

1. Digital object identifiers (DOIs)
2. Open Researcher and Contributor (ORCID) iDs
3. Research Organization Registry (ROR) IDs
4. Crossref Funder Registry IDs
5. Crossref Grant IDs

5 Core Recommendations to Stakeholders

1. Design tools and services to support the use of PIDs.
2. Incorporate PIDs into policies.
3. Invest in infrastructure and initiatives that support the use of PIDs and maDMPs.
4. Minimize the burden on researchers.
5. Understand that PIDs and maDMPs are not static, and support the effective use of PIDs throughout the entire course of the research life cycle.

5 Core Incentives to Adopt These Data Practices

1. Get credit for sharing research.
2. Save time.
3. Identify key collaboration partners.
4. Facilitate data reuse.
5. Mitigate risk.