



# Persistent IDentifiers In the Research Lifecycle

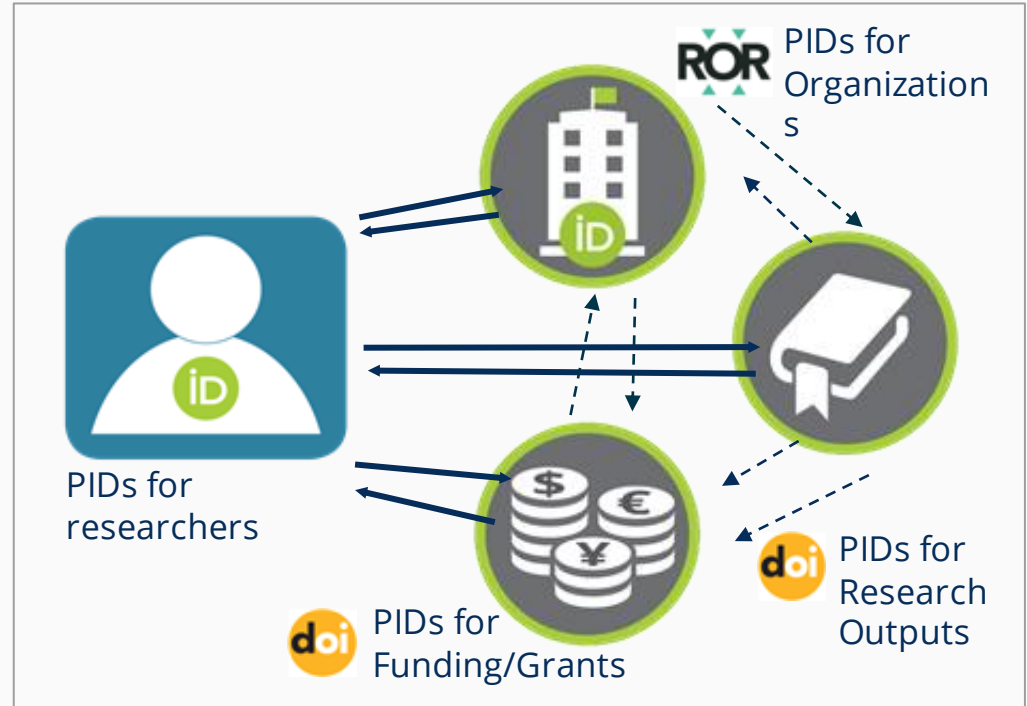
NASEM Workshop Session IV – Research Results: Findability, Transparency, Accessibility  
1 Dec 2023



Chris Shillum, Executive Director, ORCID

# Persistent identifiers (PIDs) and their associated metadata are the **building blocks** of open research infrastructure.

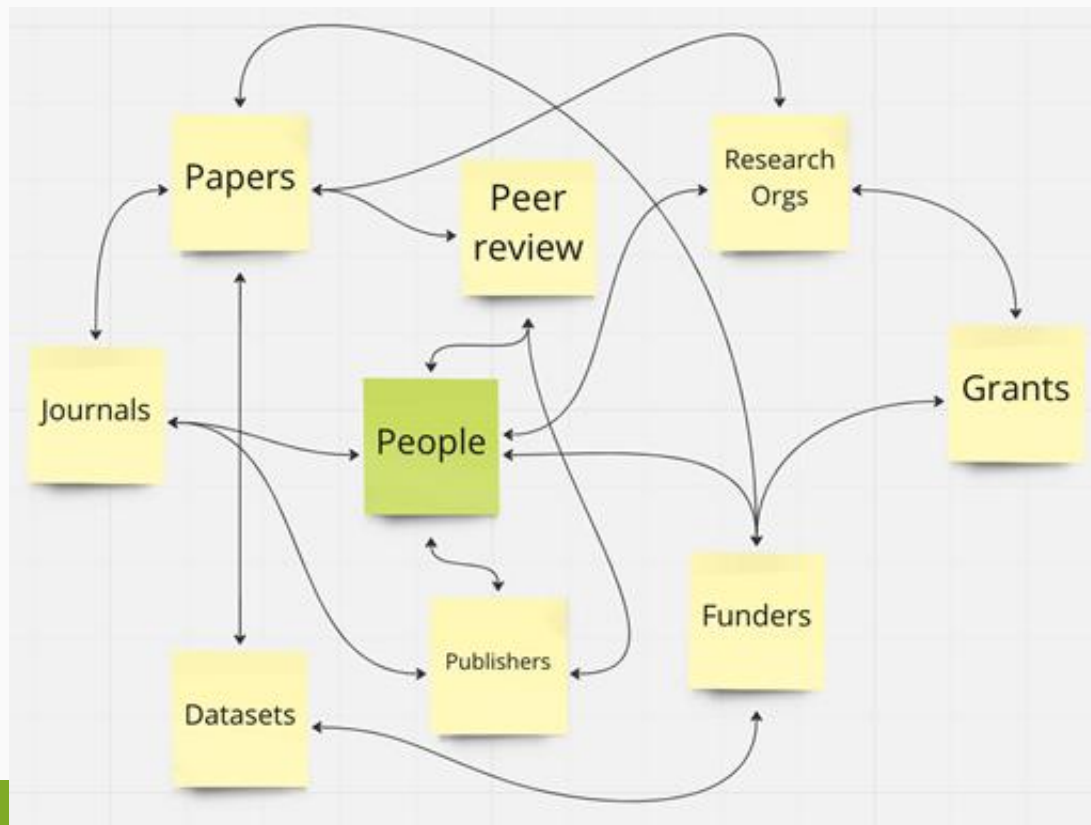
- PIDs enable entities in the research ecosystem (people, places and objects) to be **uniquely identified and connected**, to create **reliable links** between them.
- When using PIDs, metadata about **organizations, people and objects** flows **reliably** between systems/platforms, forming the building blocks of an open research infrastructure.



# Researcher's View of the Research Lifecycle

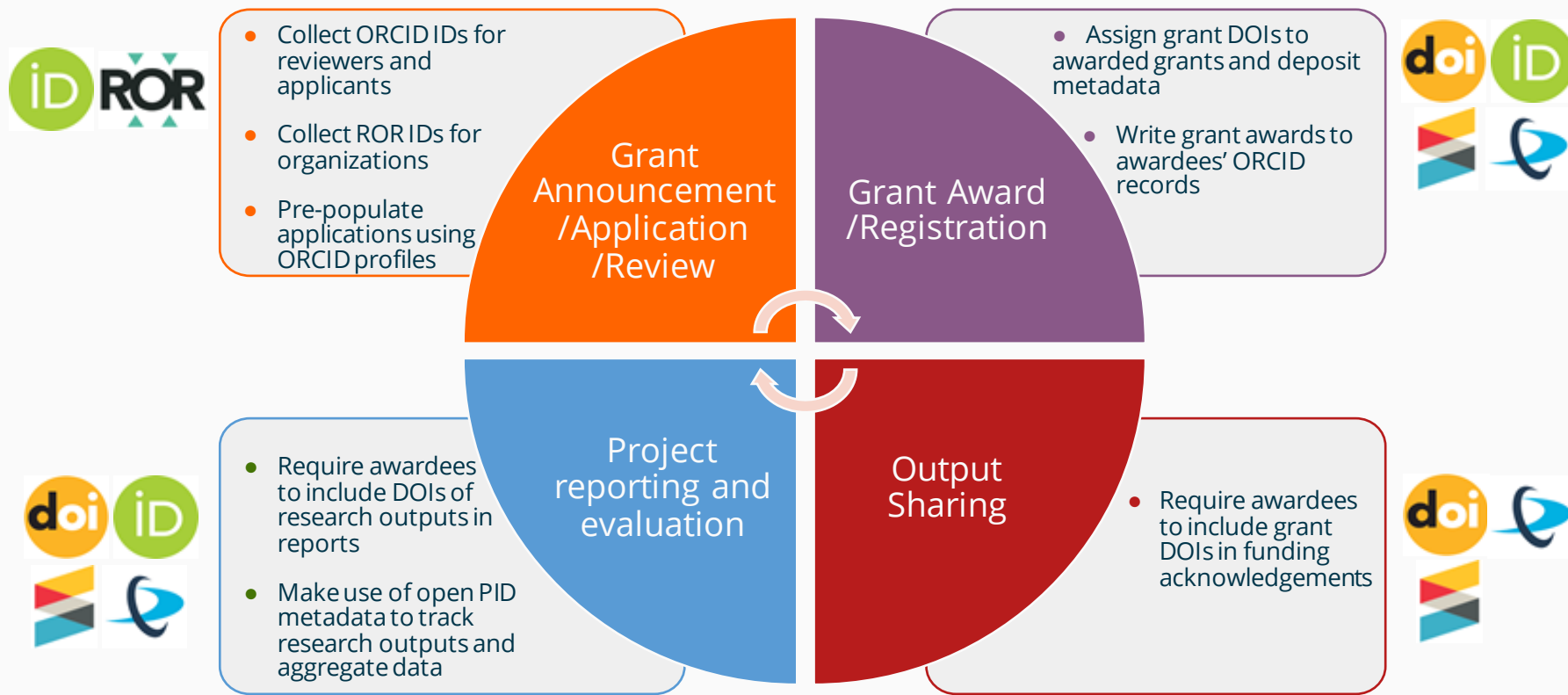


# Goal: An Integrated Research Data Ecosystem



- Better **tracking** of research outcomes
- Accurate **attribution** and enhanced **discoverability** of awards and awardees
- Reduced **administrative burden** for both funder staff and researchers
- Alignment with **FAIR Data Principles** and **Open Research practices**

# PID-enabled workflows — What should funder's do?

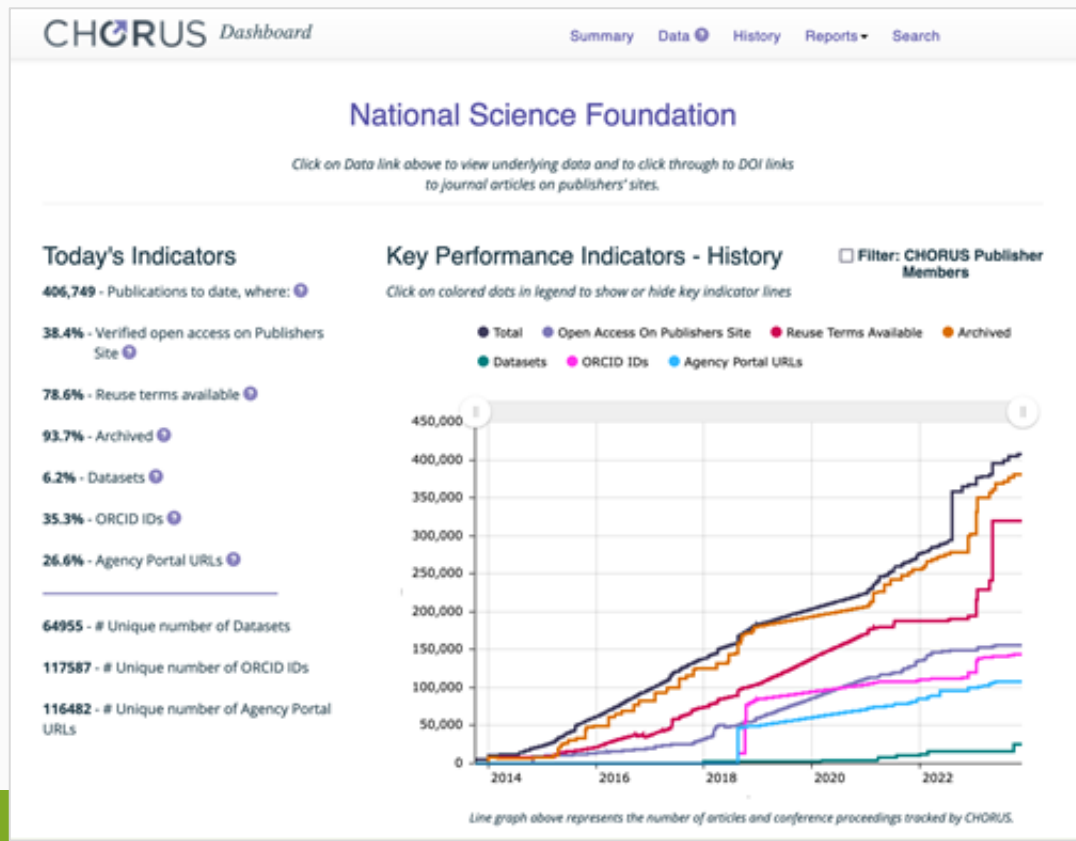


# NIH and other agencies are making good progress adopting PIDs in the Biosketch and Current/Pending Support forms



# CHORUS provides public access compliance dashboards

- A perfect example of the insights and analysis that can be built on PID-enabled metadata
- Independent non-profit organization
- Consumes PIDs and metadata from Crossref and ORCID
- Identifies articles and data reporting on agency's funded research
- Helps researchers maintain compliance with funder requirements whilst minimizing researcher compliance efforts



# We're working hard to highlight trust markers in ORCID records

▼ Employment (4) Sort

**ORCID: Bethesda, US**

2020-10-19 to present | Executive Director (Executive) Employment [Show more detail](#)

Source: ✓ ORCID via ORCID Member Portal

**Swiss House Information LLC: Brooklyn, NY, US**

2020-02 to present | Principal Employment [Show more detail](#)

Source: ⓘ Chris Shillum

New source indicators in ORCID records

**id** Hubert Blaine Wolfeschlegelsteinhausenbergerdorff Sr.  
<http://orcid.org/0000-0002-9876-5431>

**CURRENT AFFILIATIONS**

- ✓ [University of Bath](#) ⓘ  
(Employment) Professor of Psychoceramics
- ✓ [Another employer](#) ⓘ  
(Employment) Role title
- ⓘ [British Library](#)  
(Employment) The main man

**WORKS**

- ✓ 207 validated works
- ⓘ 58 self-asserted works

**PEER REVIEWS**

- ✓ 13 reviews for 6 publications/grants

**OTHER IDENTIFIERS**

- ✓ [Scopus](#) ⓘ
- ✓ [Web of Science](#) ⓘ
- ✓ [Another identifier](#) ⓘ

Trust summary pilot for review workflows



# Thanks

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