COLLABORATION ENABLING SCHOLARSHIP

THE EXAMPLES OF ORCID and METADATA 2020

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ORCID — Connecting Research and Researchers

ORCID.org

RESEARCH INFRASTRUCTURE "PLUMBING"

COLLABORATING TO ENABLE SCHOLARSHIP

ORCID'S VISION IS A WORLD WHERE ALL WHO

PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND

INNOVATION ARE UNIQUELY IDENTIFIED AND CONNECTED

TO THEIR CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME,

DISCIPLINES, AND BORDERS.

Together, we can make this vision a reality

ORCID LAUNCH PARTNERS

NOT-FOR-PROFIT

- American Physical Society
- Boston University
- California Institute of Technology
- CrossRef
- SafetyLit
- ImpactStory
- Wellcome Trust

COMMERCIAL

- Aries Systems
- AVEDAS
- Elsevier (Scopus)
- Faculty of 1000
- Figshare
- Hindawi Publishing Corporation
- KNODE, Inc.
- Nature Publishing Group
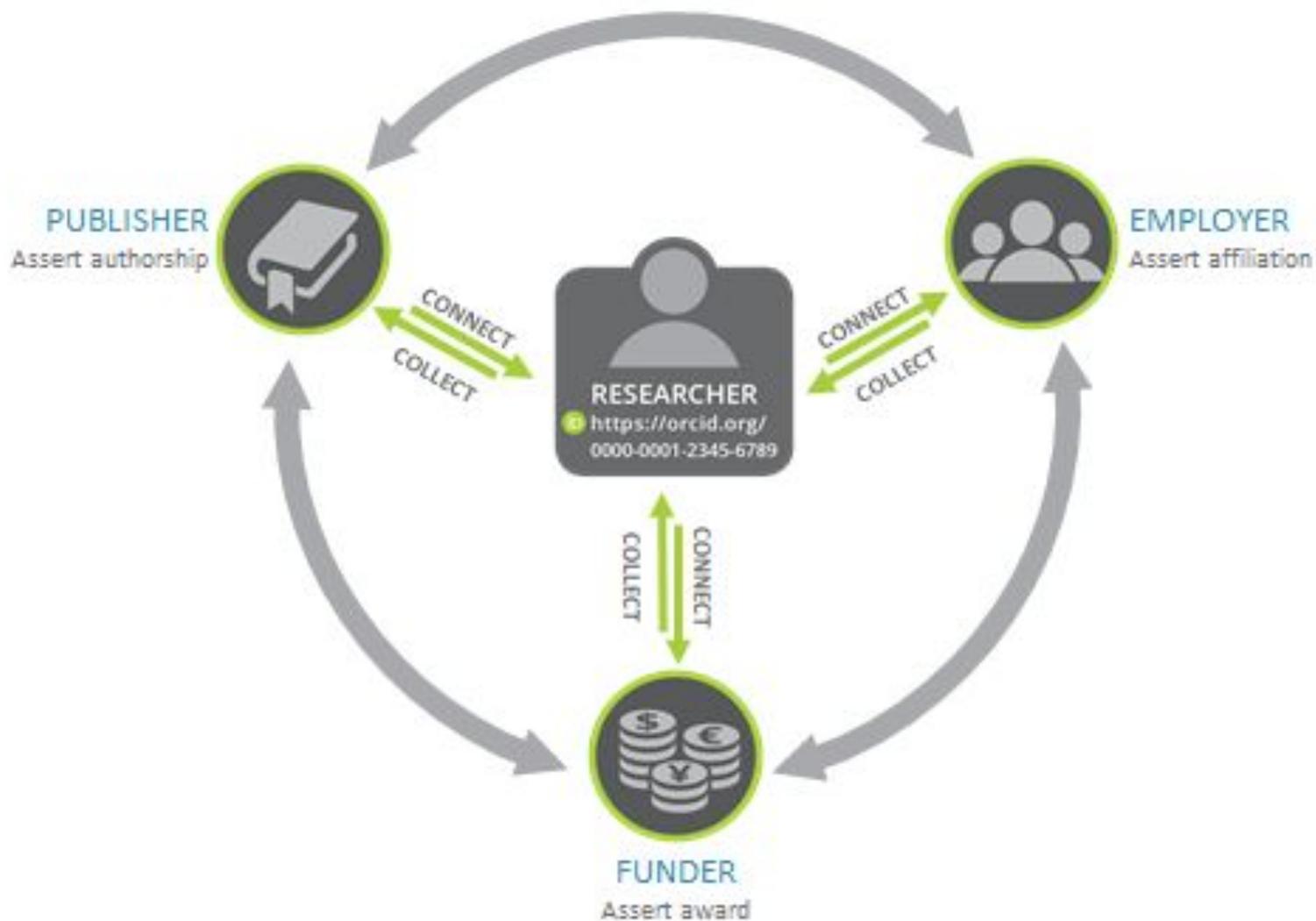- Symplectic
- Thomson Reuters

ORCID BOARD 2018

- Andrew Cormack (2017-2019) Jisc (UK)
- Richard de Grijs (2017-2019) Researcher member (CN)
- Laure Haak, *Secretary* (ex officio) ORCID (US)
- Daniel Hook (2017-2019) Digital Science (UK)
- Richard Ikeda (2016-2018) US National Institutes of Health (US)
- Veronique Kiermer, *Chair* (2016-2018) PLOS (US)
- Robert Kiley (2016-2018) Wellcome Trust (UK)
- Salvatore Mele (2018-2020, 2nd term) CERN (CH)

- Alison Mitchell (2018-2020) Springer Nature (UK)
- Linda O'Brien (2017-2019) Griffith University (AU)
- Ed Pentz (2018-2020, 2nd term) Crossref (UK)
- Daisy Selematsela (2018-2020) UNISA (ZA)
- Chris Shillum (2017-2019, second term) Elsevier (US)
- Simeon Warner (2018-2020, second term) Cornell University (US)
- Edward Wates, *Treasurer* (2018-2020, 2nd term) John Wiley & Sons (UK)
- Karin Wulf (2018-2020) Researcher member (US)

https://orcid.org/content/orcid-team

INTEROPERABILITY

ENTER ONCE
REUSE OFTEN

PUBLISHER
Assert authorship

EMPLOYER
Assert affiliation

CONNECT
COLLECT

RESEARCHER
https://orcid.org/
0000-0001-2345-6789

CONNECT
COLLECT

COLLECT
CONNECT

FUNDER
Assert award

ORCID AND RESEARCH INSTITUTIONS

- 669 institutions (over 75% of membership)
- Institutional Connect
  - CONNECTing affiliations to ORCID records
  - New affiliation types coming in 2018
- Recent/current working groups:
  - Publications and user facilities
  - Trust working group

THE ASK: ASSERT AFFILIATIONS

See: orcid.org/organizations/research-orgs

ORCID AND FUNDERS

- 62 members
- ORBIT (ORCID Reducing Burden & Improving Transparency)
  - Funder Working Group
  - COLLECT CV and career information to automatically populate funding applications
  - CONNECT grant information to ORCID records
- Funders requiring ORCID iDs
- Current working group involvement:
  - Publications and user facilities

THE ASK: ASSERT GRANTS AND AWARDS

orcid.org/organizations/funders

ORCID AND PUBLISHERS

- 92 members
- Publishers open letter
  - 1,700+ journals requiring iDs
- Early adopters of peer review functionality
  - Including via Publons
- Crossref/DataCite auto-update
- Recent/current working groups:
  - Publications and user facilities
  - ORCID in books workflows
  - Displaying ORCID iDs in journals

THE ASK: ASSERT WORKS/CONTRIBUTIONS

orcid.org/organizations/publishers

ORCID AND RESEARCH RESOURCES

- User Facilities and Publications Working Group
  - Understand research, publication, reporting workflows
  - Enable conversation between publishers, funders, research resources
  - Identify opportunities to streamline impact reporting
- Current pilot projects
  - Integrate PIDs in resource proposal/award processes
  - Integrate award/resource IDs in publishing process

THE ASK: ASSERT RESEARCH RESOURCE USE

https://orcid.org/organizations/research-orgs/resources

BUILDING COMMUNITIES OF PRACTICE

1. **Context.** What is unique or especially important to your consortium versus what issues are shared by all ORCID consortia
2. **Benefits.** Articulating the benefits of ORCID to all stakeholders - especially researchers - is critical
3. **Momentum.** Forming a consortium is just the first step - continued engagement is needed at the national, regional, local, or individual researcher level.
4. **Skills.** A range of skills are needed to build community, including
5. **ORCID is a lifestyle!** Building sustainable ORCID communities of practice is a long-term commitment
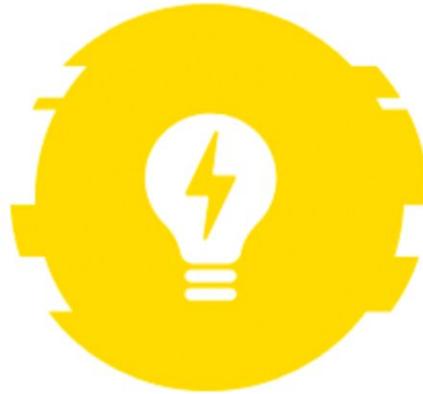
https://orcid.org/blog/2018/01/31/five-key-takeaways-orcids-first-consortia-workshop
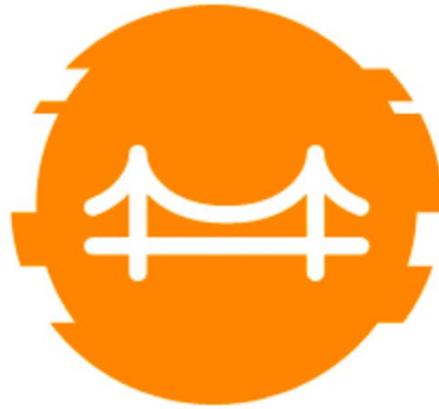
Connecting dots ...

METADATA
2020

What is Metadata 2020?

Metadata 2020 is a **collaboration** that advocates richer, connected, and reusable, open metadata for all research outputs, which will advance scholarly pursuits for the benefit of society.
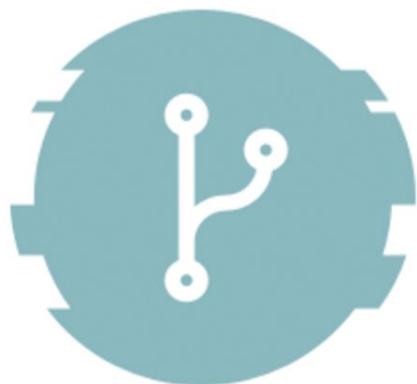
METADATA
2020

RICHER

Richer metadata fuels discoverability and innovation.

METADATA
2020

CONNECTED

Connected metadata bridges the gaps between systems and communities.

REUSABLE

Reusable, open metadata eliminates duplication of effort.

"The goal? To demonstrate why richer metadata should be the scholarly community's top priority, how we can all evaluate ourselves and improve, and what can be achieved when we work harder, and work together."

- Ginny Hendricks, Instigator, Metadata 2020

METADATA 2020

Who is involved? **A "core team":**

Ginny Hendricks - *Instigator*

John Chodacki - *Convenor*

Clare Dean - *Communicator*

Paula Reeves - *Brander*

Ed Pentz - *Sponsor*

Who is involved? **Community working groups**

- A team of 19 advisors initiated and helped launch

- Over **70 individuals** contribute to the community

  working groups

  - Publisher; Librarian; Service Provider / Platforms and

    Tools; Data Publisher and Repositories; Funders

Group Work

- Each group has met 2 - 3 times
- They have defined their community problem statements, outlining challenges and opportunities
- Ideas that arose from multiple meetings are now resulting in specific **cross-community projects**
- Shortly, the project teams will be created and additional individuals will be invited (or can volunteer) to contribute

Conclusion

Communities have **similar problems** and **similar solutions** are available if they **collaborate** !!!

[Proposed projects for 2018](#) (g-doc)

- Communicating importance of metadata to researchers

- Metadata recommendations and element mappings

- Metadata vocabulary

- Business cases and examples

- Standardization/Principles

- Metadata evaluation and guidance

Can you help?

- Contribute to Metadata 2020 projects!
  Email Clare Dean at cdean@metadata2020.org for details

- Help promote our efforts to the wider community through your organizations, word of mouth, and social media

- Find us on @Metadata2020 Twitter, Facebook, LinkedIn, and at metadata2020.org

METADATA 2020

"In the end it's in everybody's best interest to have improved outputs. We would, as a community, redeem ourselves if we were able to use all this infrastructure and data to delight our users and improve their lives."

– *Metadata 2020 interviewee*

METADATA 2020