ORCID and FUNDMERS
Connecting research information in real time using identifiers in research workflows

GLOBAL RESEARCH COUNCIL ANNUAL MEETING | FAPESP | São Paulo, Brazil

| May 3, 2019

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Names are messy!
IDENTIFIERS FOR PEOPLE, PLACES AND THINGS

RESEARCHERID

Scopus®
Connecting Research and Researchers

GRID

Ringgold®
Intelligent Decisions

Crossref

ORCID

DataCite
International Data Citation

LEI
GLOBAL LEGAL ENTITY IDENTIFIER FOUNDATION

doi
How ORCID Works

- It's a registry of unique persistent identifiers for researchers
- It's a hub that connects researchers with their professional activities and contributions
- It's a global community that enables researchers to share their data with other individuals, organizations, and systems

Non-Profit and Open Data, Software, APIs, and Documentation
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.
Cross-sector Partner Network

PUBLISHER & REPOSITORY
Assert authorship & data contributions

Universities and Labs
Assert faculty or staff affiliation

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

CONNECT COLLECT

FUNDER & FACILITATOR
Assert grant, facilities, and equipment award
Hundreds of members and systems use ORCID globally.

6.2 MILLION+
live ORCID iDs registered since its 2012 launch

- 3.7 ORCID iDs created every minute
- 193 different languages included in ORCID records
- 73.6% of records have granted update permissions
- 1.97 record updates made per second

Source: Orcid.org/statistics as of November 2018
Cross-sector Partner network in action
Funders wield the power to improve the value and openness of research information. Unique researcher identifiers have the potential to bring efficiency and transparency to the creation and re-use of that information.
ORBIT Project GOALS

Improve funding application and reporting processes by

streamlining data entry and sharing funded grant information by

using identifiers in workflows to connect authors, funding, facilities, and publication information
ORBIT WORKING GROUP MEMBERS

- Australian Research Council
- CIHR (Canada)
- CAPES (Brazil)
- CNPq (Brazil)
- CONCYTEC (Peru)
- ERC
- FCT (Portugal)
- Austrian Science Fund - FWF
- Howard Hughes Medical Institute - HHMI (USA)
- JSTA (Japan)
- MBIE (New Zealand)
- National Humanities Alliance (USA)
- National Research Foundation - NRF (South Africa)
- NSERC (Canada)
- NIH (USA)
- NIHR (UK)
- STDF (Egypt)
- SSHRC (Canada)
- Swiss National Science Fund
- UK Research and Innovation
- Wellcome Trust (UK)

The groups are also supported by Altum, CASRAI, CC Technology, Crossref, CWTS, DataCite, Digital Science, Elsevier, EuroCRIS

OTHER OPEN LETTER SIGNATORIES

- Research Council of Norway
- The Royal Society
- Guaana
- The Dunhill Medical Trust

https://orcid.org/about/community/working-group/funders

https://orcid.org/organizations/funders/open-letter
How Organizations and Researchers Benefit

**INSTITUTIONS**

- Save time and reduce errors with automated information-sharing and cross-system interoperability
- Manage your organization name and your researchers' connections with it
- Maintain links with your researchers - past, present, and future

**RESEARCHERS**

- Improve recognition and discoverability of their research
- Spend more time doing research, less time managing it
- Control and manage a trusted and easily shareable record of their research activities and affiliations – for free
Evidence of Institutional Value

Examples of time/staff savings achieved by implementing ORCID from around the world

**UK:** 0.2 – 0.4 FTEs per institution\(^1\)
**Portugal:** 100,000 researcher hours per year\(^2\)
**Australia:** 15-30 minutes per grant application\(^3\)

\(^1\) Jisc/ARMA Institutional ORCID Implementation and Cost Benefit Analysis Report 2015
\(^2\) Cátia Laranjeira, FCT - Fundação para a Ciência e a Tecnologia 2017
\(^3\) Australian Research Council governance meeting, September 2018

"Having ORCID iDs for most of our researchers has helped in providing authoritative accounts in our various databases, ensuring accuracy in reviewer identities, and helping editors find reviewers and check expertise."

—Brooks Hanson, Executive Vice President, Science, American Geophysical Union
ACTION
THREE WAYS TO GET INVOLVED

• We encourage you to use open identifiers in your application and reporting systems, including organization IDs

• We would like you to consider using ORCID for your applicants and reviewers, and DOIs for your grants

• We encourage you to collect authenticated iDs, and use ORCID data to streamline applications, and to push grant information into ORCID records
TO KNOW MORE ABOUT ORCID

• DOIs and other persistent identifiers have much more to offer
  https://www.nature.com/articles/d41586-018-05456-8

• Vast set of public CVs reveals the world’s most migratory scientists

• How persistent identifiers can save scientists time
  https://academic.oup.com/femsle/article/365/15/fny143/5040223

• How ORCID is Changing the Publishing Landscape
  www.enago.com/academy/orcid-changing-publishing-landscape
THANK YOU...

Find out more at https://orcid.org

Register at https://orcid.org/register

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