ORCID and FUNDERS

Connecting research information in real time using identifiers in research workflows

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ORCID | Connecting Research and Researchers

ORCID.org

What's in a Name?
Most names are not unique

Many people have the same name

Names may change through marriage or other circumstances

People use different versions of their name during their career
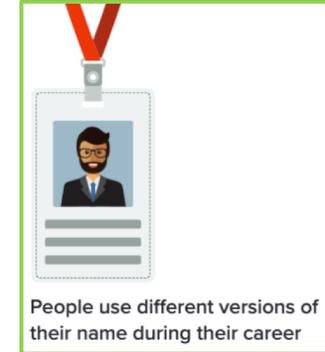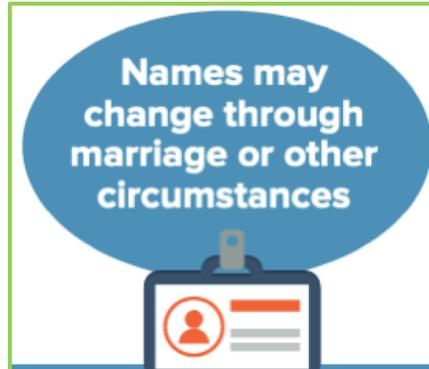
Individuals use different alphabets, abbreviations, or naming conventions

Names are messy!

IDENTIFIERS FOR
PEOPLE, PLACES AND THINGS

How ORCID Works
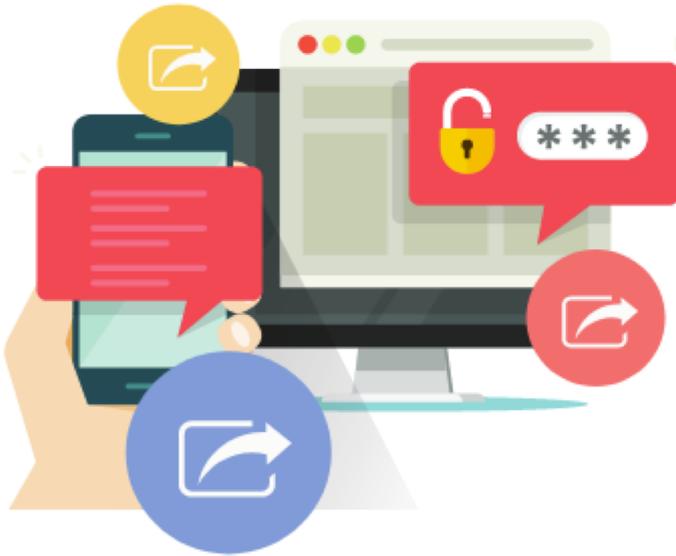
- It's a **registry** of unique persistent identifiers for researchers

- 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

CONNECT
COLLECT

COLLECT
CONNECT

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

CONNECT
COLLECT

**FUNDER
&
FACILITATOR**
Assert grant, facilities, and
equipment award

iD
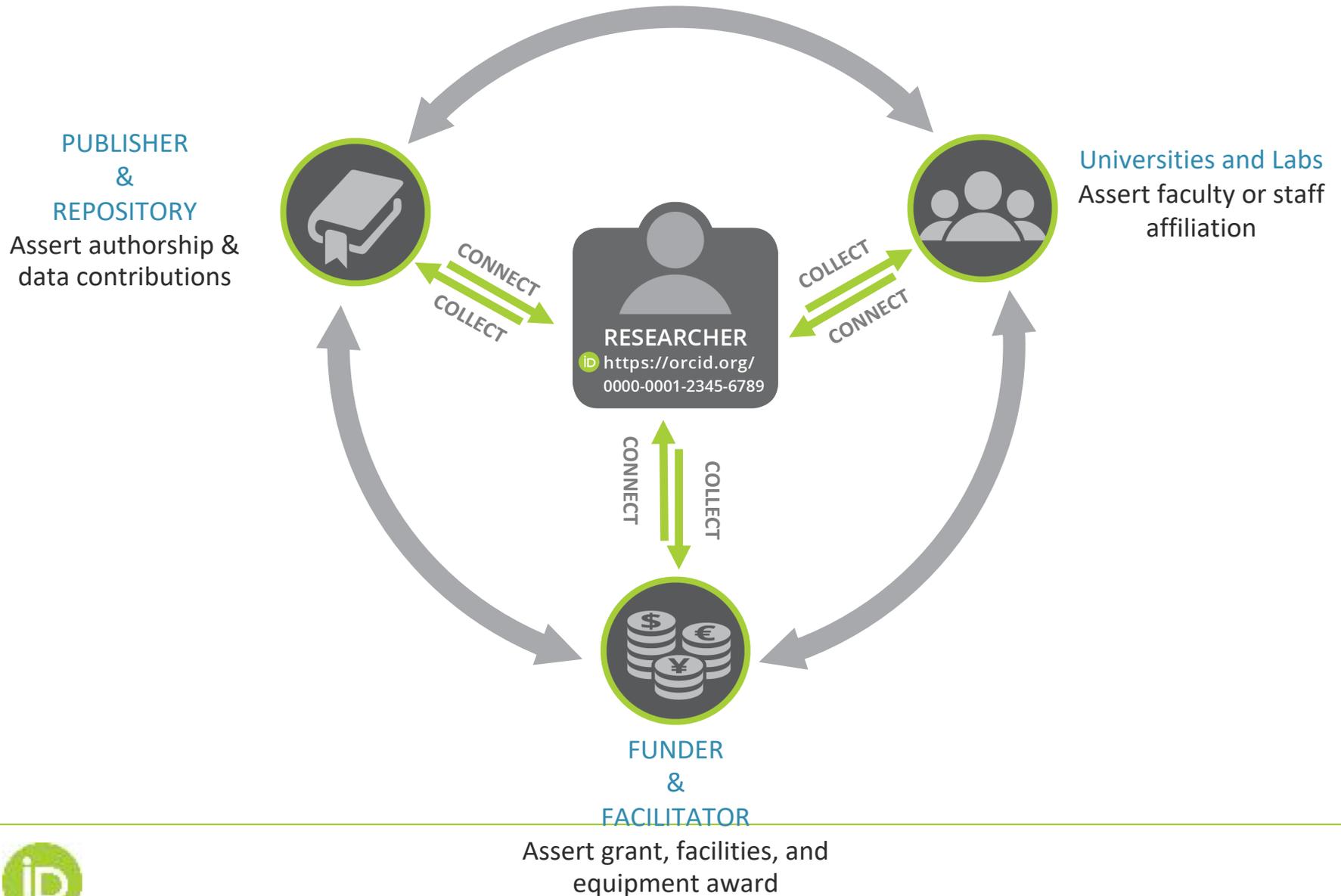
Hundreds of members and systems use ORCID globally

6.2 MILLION+
live ORCID iDs registered since its 2012 launch

Connections to ORCID records

Legend:
- **Live ORCID iDs** (blue)
- **w/at least 1 education** (orange)
- **w/at least 1 employee** (gray)
- **w/at least 1 work** (yellow)

Y-axis: 6M, 5M, 4M, 3M, 2M, 1M
X-axis: 2012, 2013, 2014, 2015, 2016, 2017, 2018
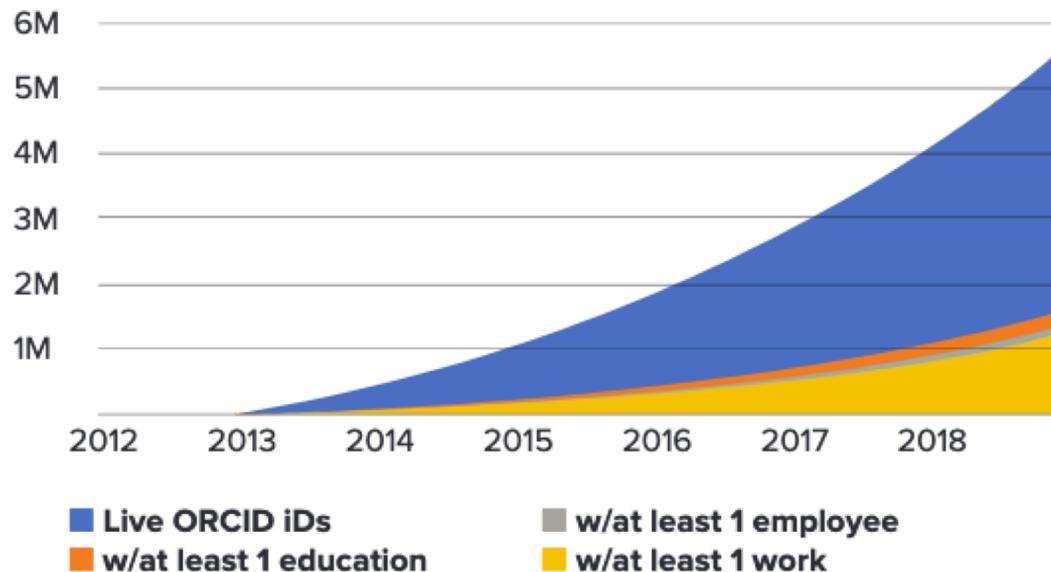
- **3.7** ORCID iDs created every minute
- **193** different languages included in ORCID records
- **73.6%** of records have granted update permissions
- **1.97** record updates made per second

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

- 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)

- 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)

OTHER OPEN LETTER SIGNATORIES

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

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

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
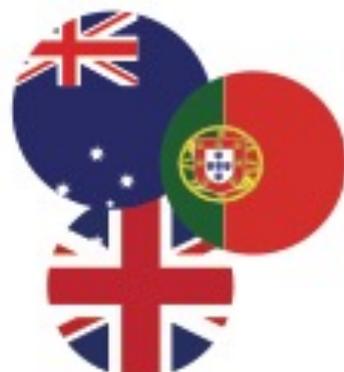
UK: 0.2 – 0.4 FTEs per institution[1]
Portugal: 100,000 researcher hours per year[2]
Australia: 15-30 minutes per grant application[3]

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

  http://www.sciencemag.org/news/2017/05/vast-set-public-cvs-reveals-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

Email a.heredia@orcid.org

iD https://orcid.org/0000-0001-7862-8955