ORCID
THE VALUE OF AUTHENTICATED IDENTITIES

7th NEICON INTERNATIONAL CONFERENCE | SEPTEMBER 27, 2016

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ORCID | Connecting Research and Researchers

ORCID.org

WHAT IS ORCID?

- A persistent identifier for researchers
- A registry
- A set of standard procedures (APIs) for connecting researchers to their affiliations and activities
- A committed community building connectors
- An international-scale open research effort

persistent identifier

an organization
made a promise
to keep it alive

globally unique
string

постоянный идентификатор
(known as PIDs)

Disambiguate

устранять неоднозначность

With ORCID you can remove uncertainty

Robin Dasler

ORCID iD
https://orcid.org/0000-0002-4695-7874

🖶 Print view ❓

Also known as ▾
RH Dasler, RL Dasler, RL Howard, Robin Howard

Other IDs ▾
ResearcherID: N-9035-2013

What kind of stuff gets a PID?

Journal articles. via Crossref (https://crossref.org)

People. via ORCID. (https://orcid.org)

Data, software, and other stuff. via DataCite. (https://datacite.org)

Research organizations. via ROR. (https://ror.org)

And others.

THE ORCID COMMUNITY

- 1,060 organizational members from 46 countries

- 600+ system connectors: all research sectors

- Over 7 million researchers

- 20 consortia in:
  - Americas: Brazil, Canada & United States
  - EMEA: UK, Norway, Finland, Sweden, Netherlands, Belgium, Germany, Italy, Portugal, Israel, South Africa, Denmark, Greece, Austria
  - APAC: Australia, New Zealand, Taiwan

https://orcid.org/statistics

Why are ORCID iDs important?

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

Researchers are mobile!

For example,

30% OF THE SCIENTISTS WHO GOT THEIR PhD IN THE UNITED KINGDOM NOW LIVE ELSEWHERE

Source: Science Magazine

Research institutions and organizations therefore find it hard to

- Benchmark their organization against others

- Identify, track, and report on researchers' affiliations and contributions (publications, peer reviews, grants, and more)

Institutions Face a Rising Tide of Research

OVER 3 MILLION
scholarly articles published per year

Source: The STM Report, October 2018

42,500 ACTIVE SCHOLARLY PEER-REVIEWED JOURNALS

Source: The STM Report, October 2018

Institutions must increasingly recognize and demonstrate the impact of all types of research contributions

Data in research evaluation
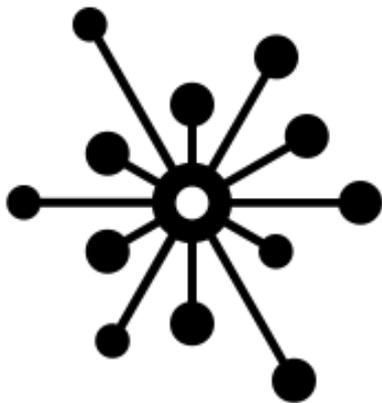
Research evaluation is hampered by a lack of data that clearly connect a research program with its outcomes and, in particular, by ambiguity about who has participated in the program and what contributions they have made.

Administrative burden

Manually making these connections is very labor-intensive, and algorithmic matching introduces errors and assumptions that can distort results.

Source: Haak, L., Meadows, A. and Brown, J. (2018). Using ORCID, DOI, and Other Open Identifiers in Research Evaluation. Frontiers in Research Metrics and Analytics, 3.

Unique researcher identifiers have the potential to bring efficiency and transparency to the creation and re-use of information for research evaluation.

Visibility, Interoperability & Credibility

ORCID benefits for researchers

Visibility

Researcher

Registers & manages ORCID record

Controls visibility

Gives permission to **COLLECT** iD and access the record

ORCID COLLECT

university

CONNECTS affiliation

ORCID CONNECT

funder

CONNECTS grant

publisher

CONNECTS publication
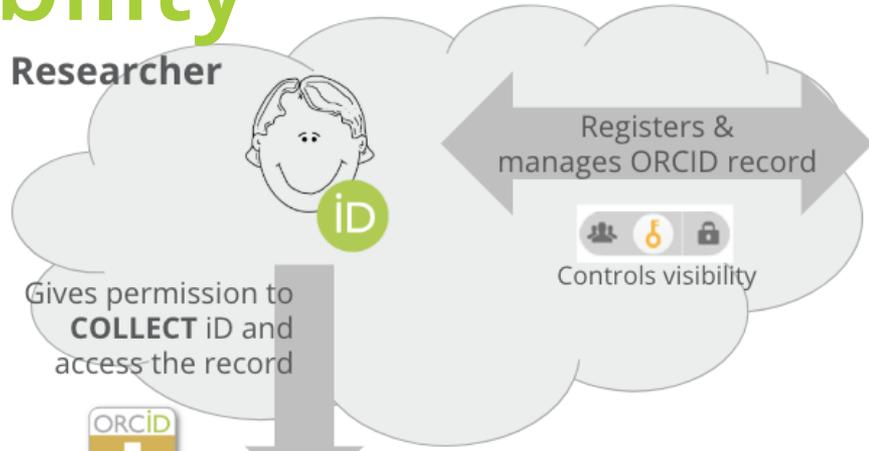
ORCID record

Researcher Name

ORCID ID

orcid.org/xxxx-xxxx-xxxx-xxxx

Basic information
- Other names
- Email addresses
- Biography

Account settings

Activities & affiliations

**Employment**:
XXX University
Source: XXX University (ID139)

Funding:
YYY Foundation, Grant #123
Source: YYY Foundation (ID45)

Works:
Journal ZZZ, vol. 45, 2016
Source: ZZZ Publishing (ID675)

Interoperability
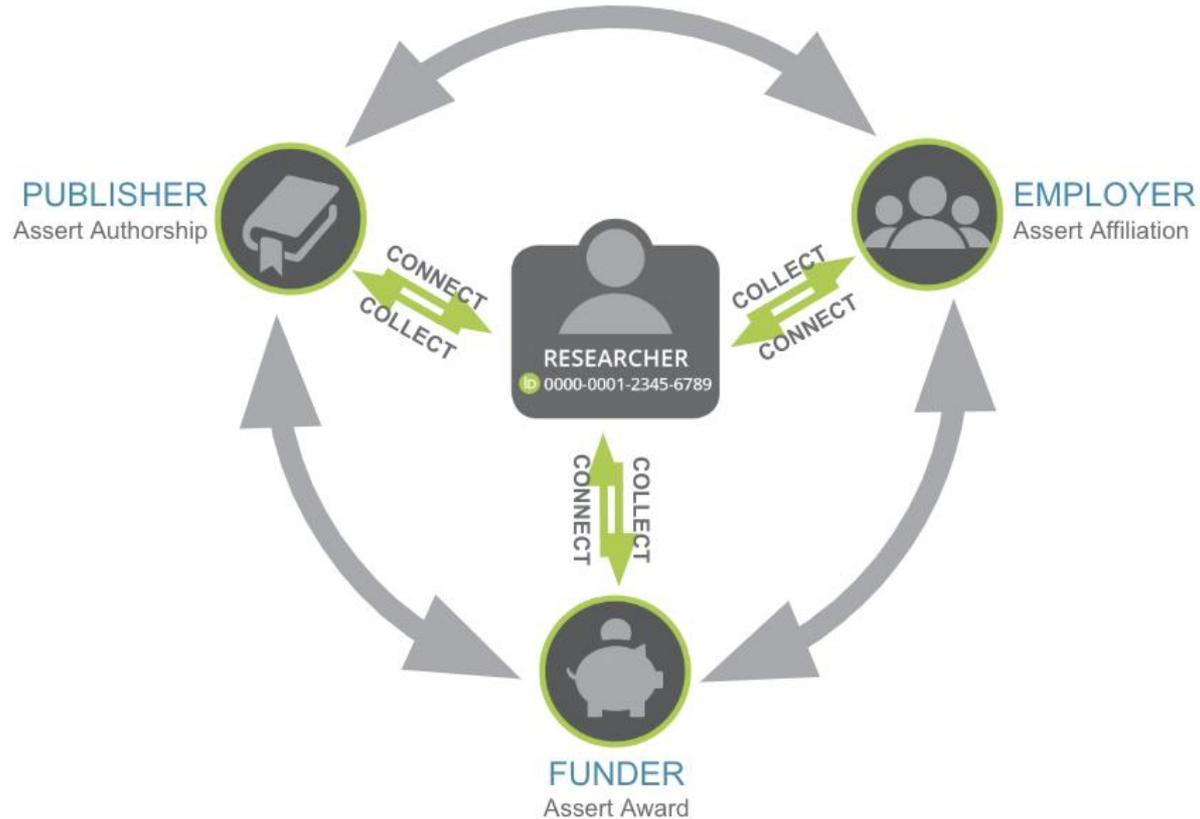
Credibility

Richard A Jefferson

ORCID iD

https://orcid.org/0000-0001-5352-4498

🖶 Print view ❓

Also known as ▾

Richard Anthony Jefferson, RA Jefferson, R.A. Jefferson

Websites ▾

LinkedIn

Cambia

Country ▾

Australia

Other IDs ▾

Scopus Author ID: 7006667478

▾ Funding (3)   ⬍ Sort

REGULATION OF GENE ACTIVITY DURING TUBER DEVELOPMENT

National Institute of General Medical Sciences (Bethesda)

1986-02-28 to 1987-01-01 | Grant

GRANT_NUMBER: F32GM010789

URL: https://app.dimensions.ai/details/grant/grant.2378616

Source: ÜberWizard   ★ Preferred source

▾ Works (50 of 118)   ⬍ Sort

Mapping the global influence of published research on industry and innovation.

Nature biotechnology

2018-01 | journal-article

PMID: 29319684

DOI: 10.1038/nbt.4049

Source: Europe PubMed Central   ★ Preferred source

Comment: Turning science into social outcomes.

Nature

2017-08 | journal-article

PMID: 28792924

DOI: 10.1038/548s8a

Source: Europe PubMed Central   ★ Preferred source

Research Vision

Benefits realisation

TO REALIZE THE OPEN RESEARCH VISION, EVERY STAKEHOLDER MUST TAKE ACTION

Evidence of Institutional Value

Examples of time/staff savings achieved by implementing ORCID from around the world
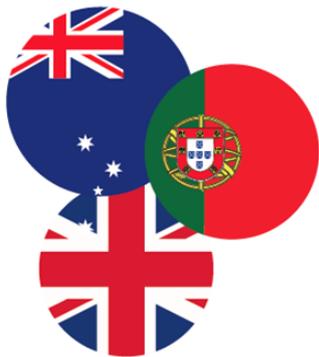
UK: 0.2 – 0.4 FTEs per institution[1]
Portugal: 100,000 researcher hours per year[2]
Australia: 15-30 minutes per grant application[3]

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

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

iD

Three Ways to Get Involved

1. Encourage and support your researchers in getting, sharing, and using their ORCID iD

2. Invest in integrating ORCID into your systems

3. Connect data to and from your researchers' ORCID records to support information use and reuse across organizations

THANK YOU...

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Manager,
Engagement EMEA

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