

Unique Identification of Researchers with ORCID

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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



Tackling Information Overload

ORCID is a non-profit organization, which provides a fully open and interoperable identifier to reliably connect researchers with their research contributions. The ORCID iD is a 16-digit identifier that researchers can register for and use for free.

Connects individuals and their professional contributions across disciplines, organizations, and time



Enables recognition of all types of research contributions and innovation

Helps research institutions, funders, publishers, and other organizations better track and support research work

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

ORCID PRINCIPLES

- Researchers own their iD and control access to their record
- ORCID is an open shop: open (CC0) data, open source code (MIT)
- We have transparent governance by our members
- We are a community organization and we work with everyone



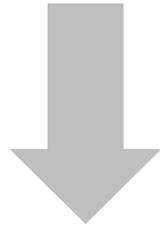
Open Science Policy Platform

Group that advises the Commission on how to develop open science policy. Meeting reports, member details and background

Ensure the scholarly infrastructure in Europe is highly interoperable to enable the simple and open sharing of metadata between systems, disciplines and countries, and that credit for research contributions is given to all participants (including citizen scientists). This will require all actors to require the use of standardised, unique persistent identifiers for researchers and outputs, and for the acknowledgement of diversity in research contributions. Components of the ecosystem (identifiers, metadata, vocabularies, data citations, repositories and other data-infrastructures) need to be developed where necessary, refined, standardized and implemented through dialogue with relevant research communities. Whatever standards/infrastructures are developed, they need to be capable of adapting to innovations in Open Knowledge practices.

HOW ORCID WORKS

Researcher
Gives permission to
COLLECT ID and
access the record



University



Funder



Publisher



ORCID record

Researcher Name

ORCID ID

iD orcid.org/xxxx-xxxx-xxxx-xxxx

Basic information

- Other names
- Email addresses
- Biography

Account settings

Affiliations, Activities, Resources

Employment:

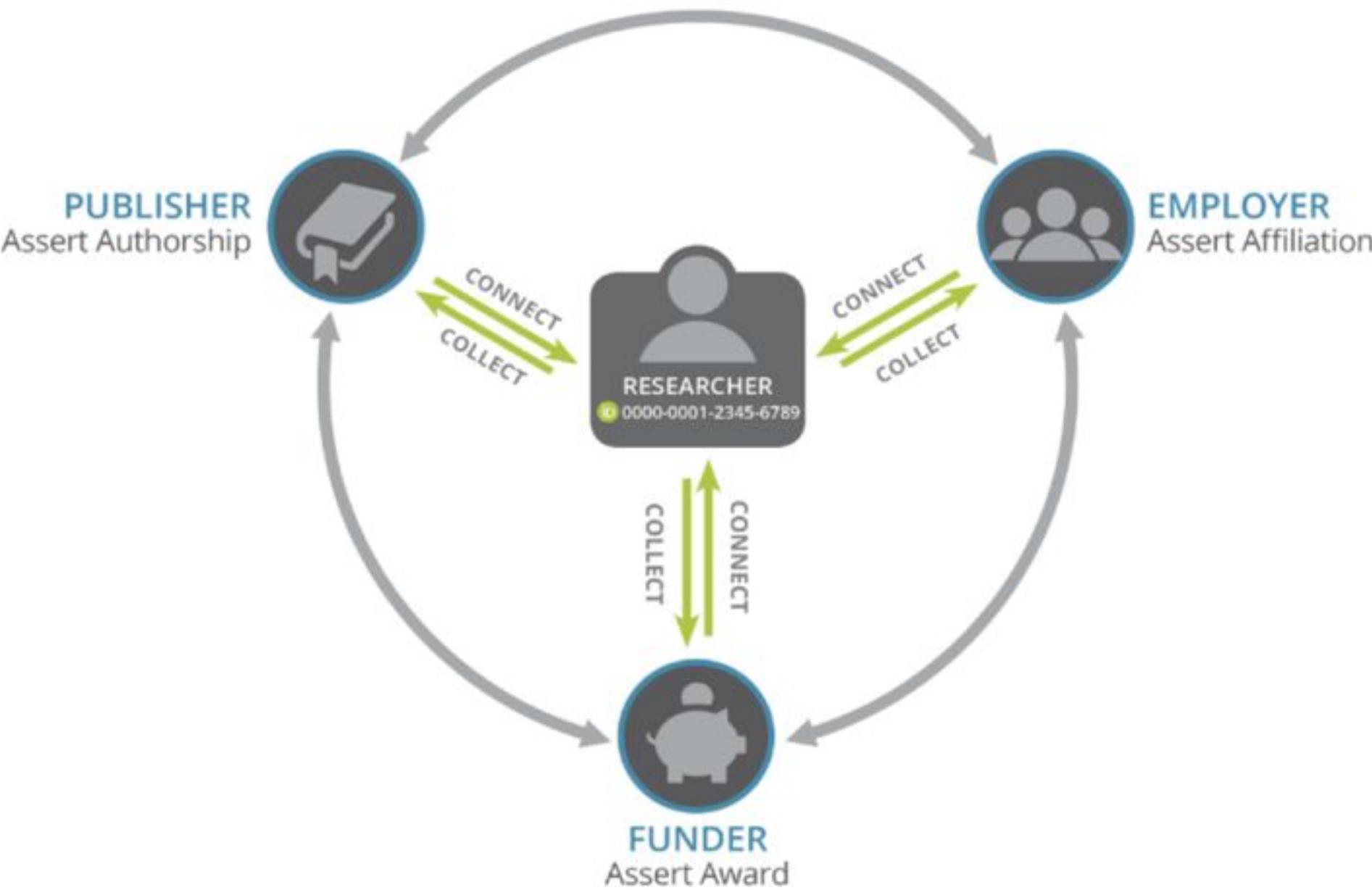
XXX University
Source: XXX University (ID139)

Funding:

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

Works:

Book, Chapter, 2016
Source: ZZZ Publisher (DOI:675)



Laurel L Haak

ORCID ID

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Print view

Also known as

L. L. Haak, L Haak, Laure Haak,
Laurela L Haka, ローレル・ハーク

Country

United States

Keywords

persistent identifiers, research policy,
science workforce, program
evaluation, neuroscience, calcium
imaging, oligodendrocytes, circadian
rhythms

Websites

[LinkedIn](#)
[ResearchGate](#)

Other IDs

Scopus Author ID: 6602258586
ResearcherID: C-4986-2008
ISNI: 0000000138352317

Biography

Laurel L. Haak, PhD, is the Executive Director of ORCID, an international and interdisciplinary non-profit organization dedicated to providing the technical infrastructure to generate and maintain unique and persistent identifiers for researchers and scholars.

▼ Employment (2)

↑↓ Sort



ORCID: Bethesda

2012-04-09 to present

Employment



Source: Laurel L Haak

Preferred source



ORCID: Bethesda

2012-04-09 to present | Executive Director

Employment



Source: ORCID

Preferred source



▼ Education and qualifications (2)

↑↓ Sort



Stanford University School of Medicine: Stanford, California

to 1997 | PhD (Neurosciences)

Education



Source: Laurel L Haak

Preferred source



Stanford University: Stanford, California

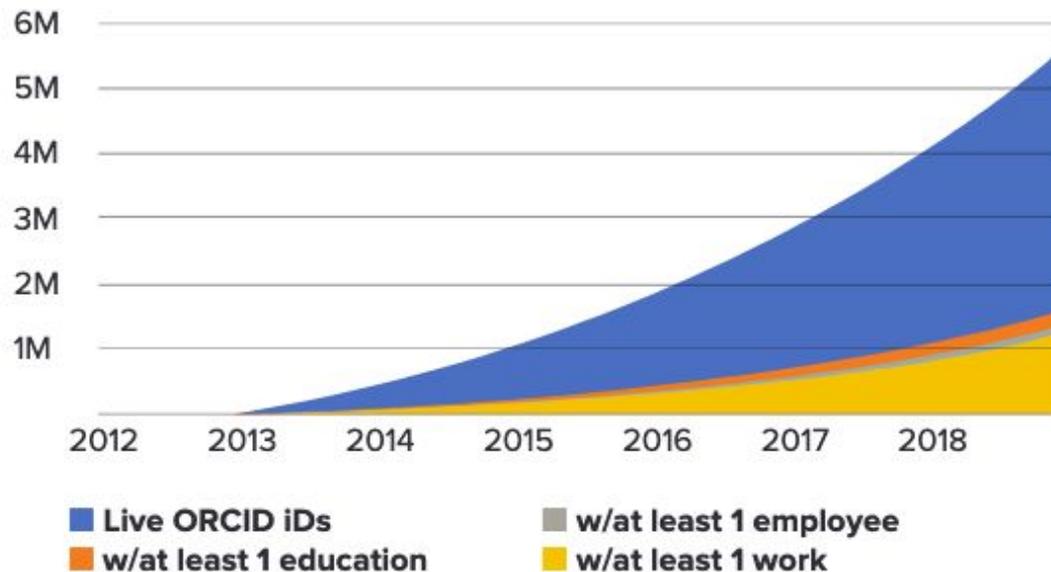


Hundreds of members and systems use ORCID globally

6.2 MILLION+

live ORCID iDs registered since its 2012 launch

Connections to ORCID records



- 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](https://orcid.org/statistics) as of November 2018



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 institution¹

Portugal: 100,000 researcher hours per year²

Australia: 15-30 minutes per grant application³

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."

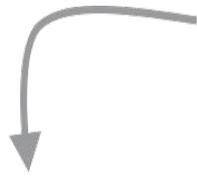
—Brooks Hanson, Executive Vice President, Science, American Geophysical Union



<http://idcdocserv.com/US44453318>

ORCID Implementation

ORCID CONNECTS IDENTIFIERS

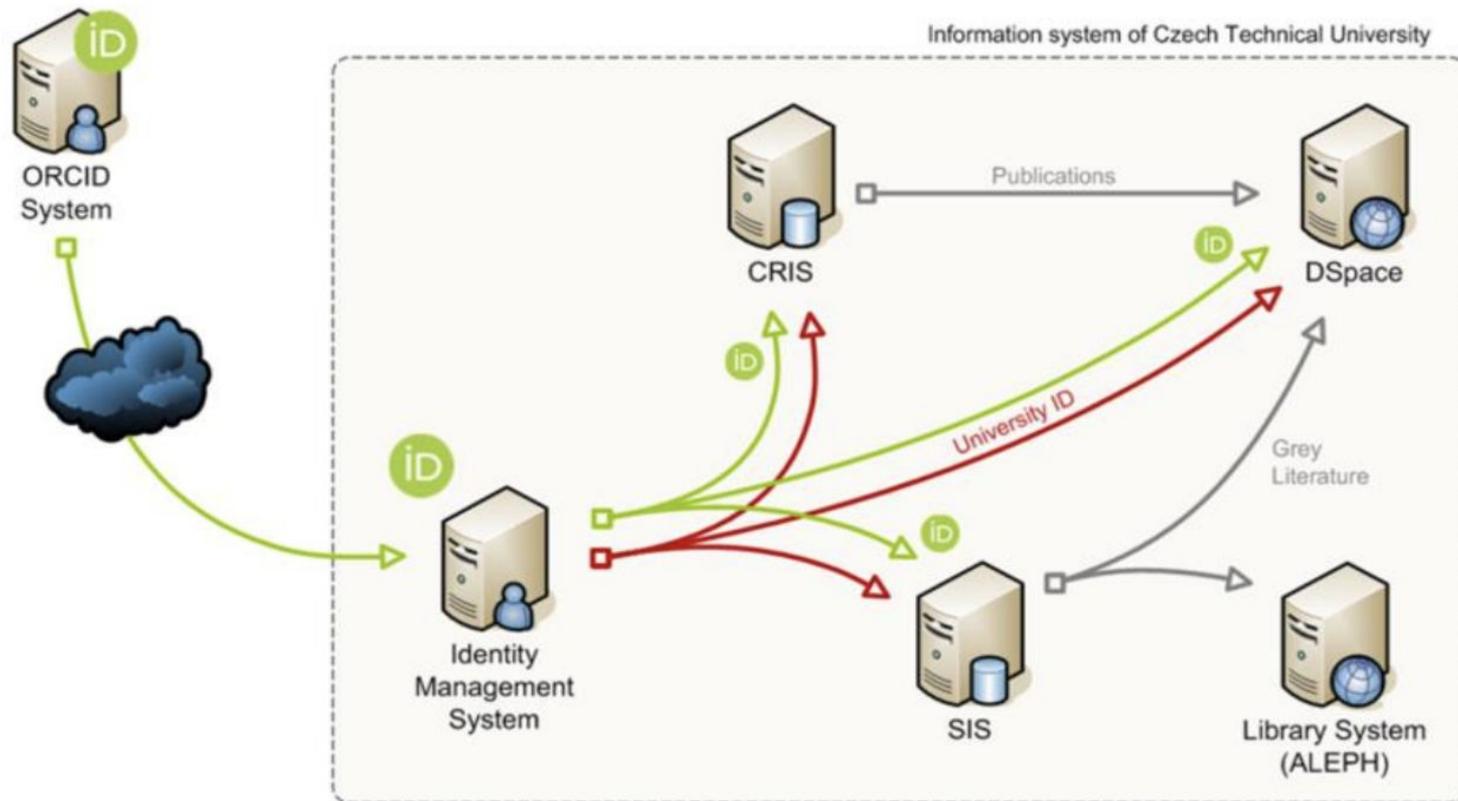


A rounded rectangular box contains several logos of identifiers connected to ORCID. The logos are: Academia.edu (dark blue background, white text), Mendeley (red and white logo), Slideshare (black background, white and blue text), ResearchGate (dark grey background, white and green text), VIAF (grey background, white text), Google Scholar (white background, blue and red text, with a search bar and "Search Authors" button), Microsoft Academic Search (white background, colorful logo, and "Beta" badge), and OCLC WorldCat (white background, colorful logo).

A rounded rectangular box contains three logos of identifiers connected to ORCID. The logos are: ISNI (blue background, white text and logo), Scopus preview (white background, blue and green text), and ResearcherID (white background, orange text and logo, with "THOMSON REUTERS" below it).



...AND CONNECTS SYSTEMS



GETTING STARTED

- Identify **relevant local or national policies** and workflows - such as annual research activities reporting, OA repository deposit, benchmarking
- Identify stakeholders and **target system at university** to store ORCID iDs - such as LDAP, personnel, CRIS, repository
- Identify **system of record for affiliation** information
- Identify **systems that will use ORCID** information
- Register for **API credentials**, plan, and test integration
- **Engage with researchers!**

BUILD IT YOURSELF OR USE A SERVICE PROVIDER

Publishing

- Editorial Manager
- Open Journal Systems PKP
- ScholarOne
- eJournalPress
- ReView

Document / data repositories

- Zenodo
- DSpace
- ePrints
- Hydra/Fedora

Research Information Systems

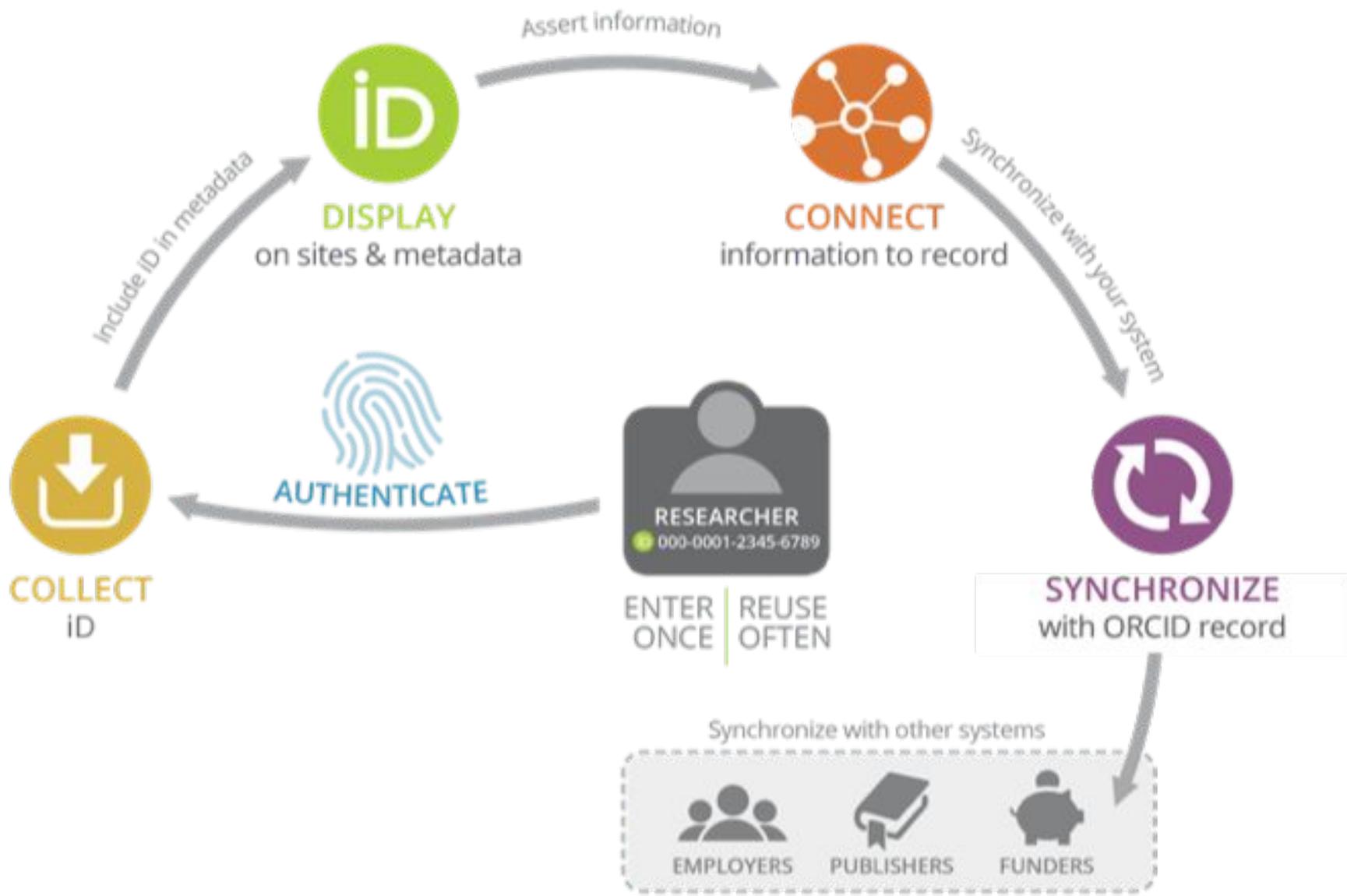
- InfoEd
- Converis
- DSpace-CRIS
- Elements
- IRMA
- Pure
- Vivo

... and more in development



RESOURCES

- Read about ORCID use cases <https://members.orcid.org>
- Learn about ORCID APIs <https://members.orcid.org/api>
- Use ORCID code <https://github.com/ORCID>
- Register for ORCID API users listserv <https://groups.google.com/forum/#!forum/orcid-api-users>
- Register for an organization ID
- Identify primary goals and create an ORCID library guide and training plan <https://orcid.org/help>
- Use ORCID outreach resources to engage researchers <https://members.orcid.org/outreach-resources>

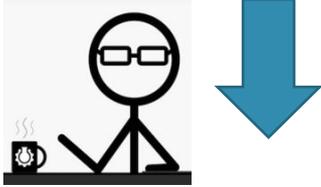


Impact & Assessment



All researchers need to be identified through an ORCID ID. Best practice for CV/biosketch evaluation should be developed and publicly showcased to encourage a broader recognition of the range of verifiable (and especially open) contributions individuals make to the knowledge system, including teaching and peer review, and the production of a broad range of output types.

Collect ORCID iDs and obtain an organization ID



Cape Peninsula University of Technology: Cape Town, Western Cape, ZA
2015-03-01 to present | Professor (Education and Social Sciences)
Employment

Timely and accurate data for benchmarking and evaluation

Organization identifiers

Ringgold: 70683

Cape Peninsula University of Technology: Cape Town, ZA

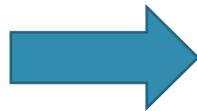
Other organization identifiers provided by Ringgold

ISNI: 000000010177134X

OFR: <http://dx.doi.org/10.13039/501100004512>



Add affiliation to an ORCID record through your university system



Publisher submission systems ingest the ORCID iD and organization ID (and funding) from the author ORCID record

Publication databases index and are searchable by ORCID and organization identifiers

A grayscale photograph of a person's hand reaching out, with the text overlaid on it. The background is a blurred indoor setting with a window on the right.

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

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

To learn more: <https://orcid.org>





**İstanbul
Bilgi University**

LAUREATE INTERNATIONAL UNIVERSITIES

MEMBERSHIP CATEGORIES

Member Benefit	Basic - NonProfit	Premium	Consortium
API Access	(1)	(5)	(5) per consortium member
Webhooks: API-based notifications	No	Yes	Yes
Implementation support (email)	Yes	Yes - priority queue	Yes - via consortium lead, escalation to ORCID
Analytics reports	2/annum (general)	Monthly (includes API usage statistics)	Monthly (includes API usage statistics and consortium summary)
Orientation webinar to kick off project	1	Up to 2 per month	Consortium lead provides orientation; ORCID trains lead, sponsors global consortium workshop, provides information sharing platform
Requirements and Pricing	<ul style="list-style-type: none"> • Consortium requirements at https://orcid.org/content/orcid-consortia • Member details and price list at https://orcid.org/about/membership 		

WHY A CONSORTIUM?

A coordinated approach to ORCID and open science:

- National policy and coordinated messaging across research sectors (funders, institutions, publishers)
- National consortium lead coordinating outreach and implementation support
- Coordinated implementation especially useful with a shared platform(s)
- Coordinated cross-sector benefits
- Learn and share practices with other consortia
- Large discount on premium membership

A graphic for the National Plan for Open Science. It features a teal background with a large, stylized funnel shape in shades of green and yellow. Inside the funnel, there are three overlapping circles: a white one on the left, a yellow one in the center, and a purple one on the right. The text "NATIONAL PLAN FOR OPEN SCIENCE" is written in white and blue. Below the circles, the date "4TH JULY 2018" is displayed.

NATIONAL PLAN
FOR OPEN SCIENCE

4TH JULY 2018

“At a national level, join ORCID, which provides unique identifiers for researchers, to make finding researchers’ scientific contributions easier and more reliable”

Frédérique Vidal, Minister of Higher Education, Research and Innovation

“ France is committed to making scientific research results open to all – researchers, companies, citizens. ”

#openscience

www.gouv.fr



<https://libereurope.eu/blog/2018/07/05/frenchopenscienceplan/>



id THANK YOU!