Implementation of ORCID & the ORCID A

South Africa Consortium Workshop | NOVEMBER 12,

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ORCID is a non-profit organization helping create a world in which all who participate in research, scholarship and innovation are uniquely identified and connected to their contributions and affiliations, across disciplines, borders, and time.

As an individual, it is free to have an ORCID iD!



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

Definition: a word or set of words by which a person or thing is known, addressed, or referred to. Lexico, Oxford.



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



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 contributing is when the entire at a composition of the entire of standardised, unique persistent identifiers for researchers and outputs, and for the the entire of the enti





HOW ORCID WORKS

Researcher

Gives permission to COLLECT iD and access the record







Controls visibility









ORCID record

Researcher Name

ORCID ID



orcid.org/xxxx-xxxx-xxxx

Basic information

- Other names
- Email addresses
- Biography

Account settings

Affiliations, Activities, Resources

Employment:

XXX University

Source: XXX University (ID139)

Funder







Funding:

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

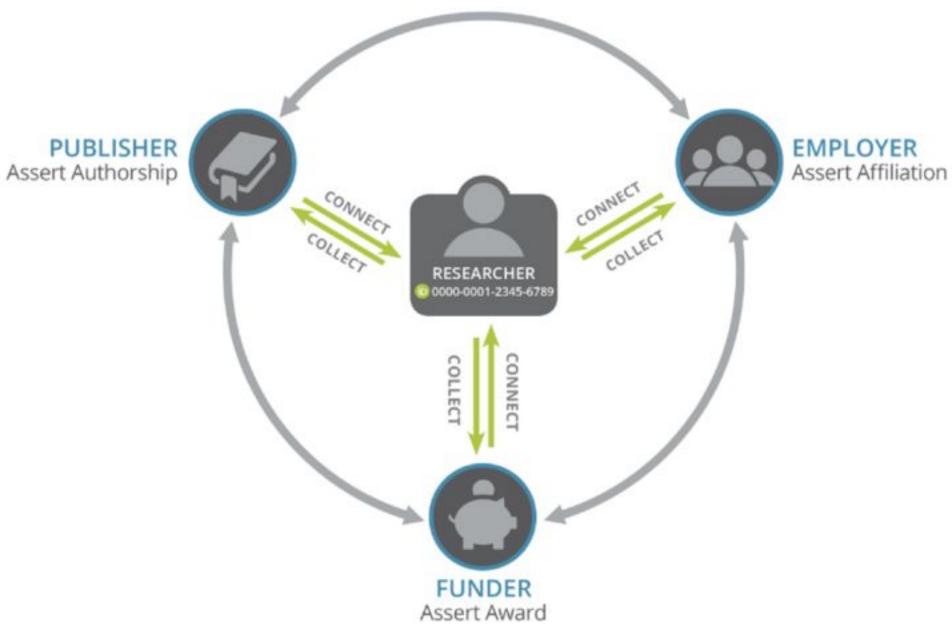
Publisher





Works:

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







TRANSPARENCY

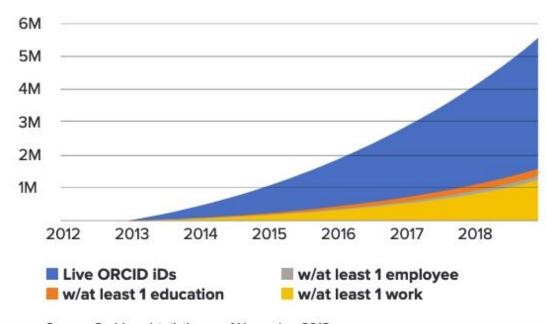
Biography Laurel L Haak ORCID ID Laurel L. Haak, PhD, is the Executive Director of ORCID, an international and interdisciplinary non-profit organization dedicated to providing the technical infrastructure to generate and maintain unique and persistent https://orcid.org/0000-0001-5109-3700 identifiers for researchers and scholars. Print view@ ✓ Employment (2) IT Sort F Also known as L. L. Haak, L Haak, Laure Haak, ORCID: Bethesda • Laurela L Hāka, ローレル・ハーク 2012-04-09 to present Employment Country (T) United States Source: Laurel L Haak ☑ Preferred source ORCID: Bethesda Keywords -2012-04-09 to present | Executive Director persistent identifiers, research policy, science workforce, program Employment evaluation, neuroscience, calcium Source: ORCID Preferred source imaging, oligodendrocytes, circadian rhythms 11 Sort ▼ Education and qualifications (2) (V) Websites LinkedIn Stanford University School of Medicine: Stanford, California ResearchGate to 1997 I PhD (Neurosciences) Education F Other IDs Scopus Author ID: 6602258586 Source: Laurel L Haak Preferred source ResearcherID: C-4986-2008 ISNI: 0000000138352317 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 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





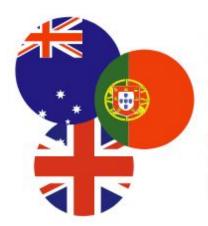
RESEARCHERS

- 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



ORCID Implementation



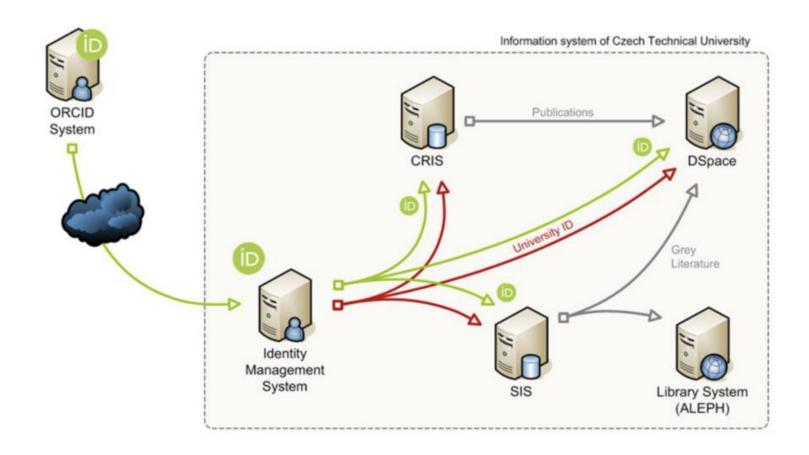
ORCID CONNECTS IDENTIFIERS







...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

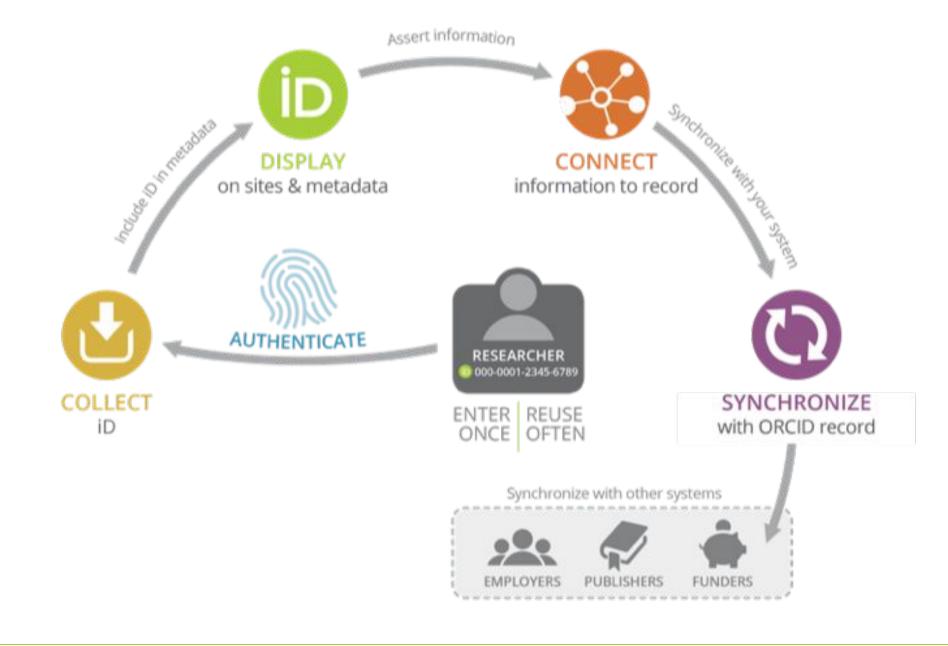
... and more in development



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 <u>https://members.orcid.org/outreach-resources</u>





Impact & Assessment





Open Science Policy Platform

All researchers need to be identified through an ORCID ID. Best practice for CV/DIOSKetch 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







2015-03-01 to present | Professor (Education and Social Sciences) Employment

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 ingests the ORCID iD and organization ID (and funding) from the author ORCID record

SCHOLARONE"



Timely and accurate data for benchmarking and evaluation







WEB OF SCIENCE

Publication databases index and are searchable by ORCID and organization identifiers



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	 Consortium requirements at https://orcid.org/content/orcid-consortia Member details and price list at https://orcid.org/about/membership 		









