

ORCID: Enter Once | Reuse Often

ORCID - BRASIL CONSORTIUM LAUNCH, BRASILIA | 22 MAY 2018

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INTERLEAVED PROBLEMS WITH RESEARCH INFORMATION

- **Duplicate data and wasted effort** – Researchers have to curate and combine data that is scattered across public and private sources and must do this multiple times in multiple systems
- **Poor tracking and measurement** – Universities and funders can't track their impacts on researcher careers
- **Inefficient research networks** – Researchers and associated groups do not use modern technology for networking and hiring (e.g., finding mentors, collaborators, employees, reviewers, etc.)
- **Bad incentives** – Current measures of research productivity do not adequately incentivize openness, rigor, and impact. Fragmentation of information and reporting make new measures difficult to implement



The ability to uniquely identify contributors is a deceptively simple concept which, if realised, could enable forms of real-time understanding of scientific research that up to now have been extremely costly (if not impossible).

--Jonathan Kram, Wellcome Trust





ORCID provides a persistent digital identifier that distinguishes researchers from each other on a global scale





Conectando Pesquisas
e Pesquisadores

- Available in Portuguese and 11 other languages
- Registration and use is free
- **Connect all of your names** — and the research you have published using those names
- **Connect all of your researcher identifiers** —

✍️ **Laurel L Haak**

ORCID ID

🌐 <https://orcid.org/0000-0001-5109-3700>

Visualizar a versão pública

Gerenciar Conta Proxy >

📄 Exiba seu ID em outros sites ⓘ

🖨️ Visualização de impressão do registro público ⓘ

📱 Obtenha um Código QR para seu ID ⓘ

✍️ **Também conhecido como**
L. L. Haak, L Haak, Laure Haak, Laurela L Häka, コーレル・ハーク

✍️ **País**
Estados Unidos

✍️ **Palavras-Chave**
persistent identifiers, research policy, science workforce, program evaluation, neuroscience, calcium imaging, oligodendrocytes, circadian rhythms

✍️ **Websites**
[LinkedIn](#)
[ResearchGate](#)

✍️ **E-mails**
l.haak@orcid.org
laurelh@discoverylogic.com
laurelhaak@gmail.com

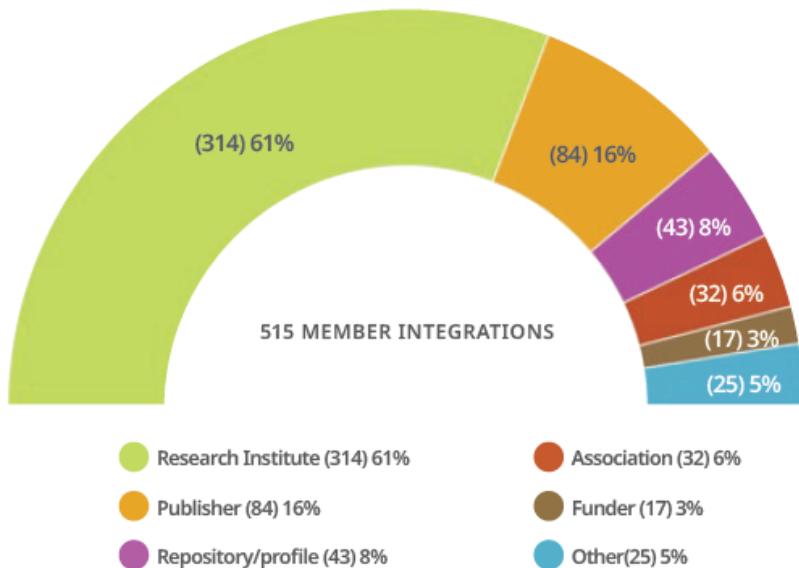
✍️ **Outras IDs**
Scopus Author ID: 6602258586
ResearcherID: C-4986-2008
ISNI: 0000000138352317



<https://orcid.org/register>

THE ORCID COMMUNITY

- Of our 878 members, 78% are research institutions
- Of 500+ information system connections, 61% are built by research institutions



Target Workflows

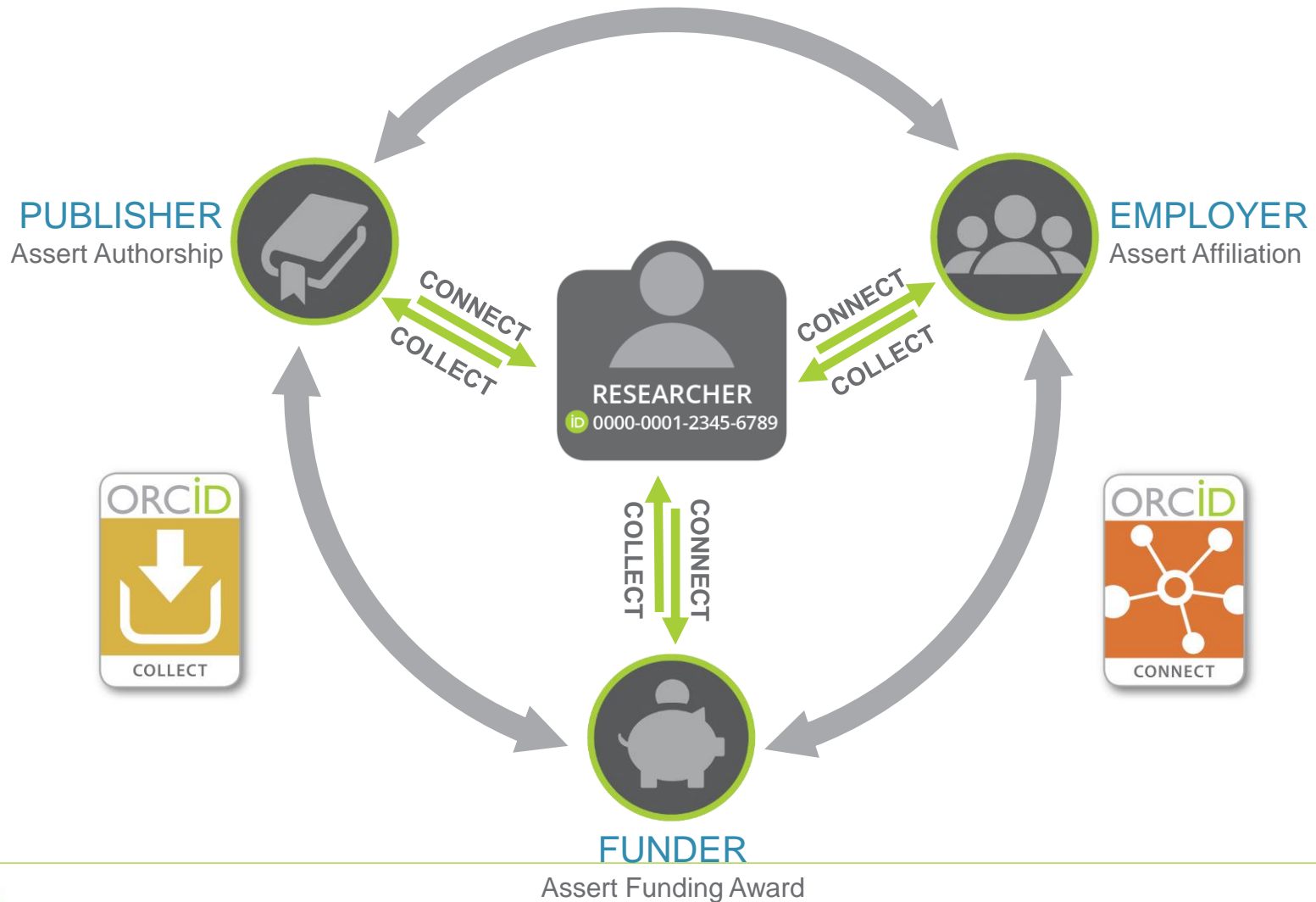
- Federated identity management
- Personnel management
- Grant management
- Publication management
- Research reporting and evaluation



Connecting with ORCID

Goal: Collecting an ORCID iD and sharing information with a users ORCID record.

EACH SECTOR HAS A PRIMARY ACTION AND BENEFIT



TARGET WORKFLOWS

- Federated identity management
- Personnel management
- Grant management
- Publication management
- Research reporting and evaluation

We engage with our community to build ORCID collection into these workflows

RELIABLE CONNECTIONS

Connections are made with permission of the researcher and include:

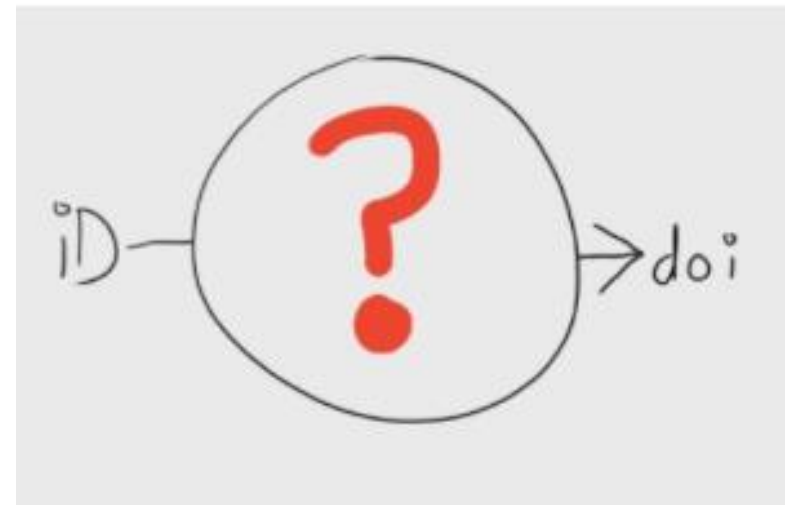
- Name + ID of the source making the connection with the ORCID iD
- Name + ID of the item (grant, affiliation, publication, resource, peer review, etc.) being connected to the ORCID iD
- Name + ID of the member putting the information into the ORCID record



WHAT'S SO SPECIAL ABOUT SIGNING IN?



vs.



Why are researchers asked to sign in to their ORCID account to make a connection? Why can't users just copy and paste their ORCID iD?

RESEARCHER CONTROL AND THE ORCID RECORD

The ORCID record lists information that the researcher has **chosen** to connect to their iD. The researcher **owns** the record, and **decides** how (or if) it is shared.

Researchers **add** their iD using an electronic “handshake”, as they interact with research systems, for example during manuscript submission, or during grant application.

The iD is **embedded** in the research information by the integrated system, creating a **transparent and traceable connection** between the information and the researcher.



THE ELECTRONIC HANDSHAKE

Authentication – the electronic handshake - is quick, easy, and accurate.

It all starts with sign in.

When I sign in to a record, you can be sure that I control that record.

You can ask for permission to:

- Get my iD
- Read my record
- Add to my record
- Update my record

When I sign in and authorize, the ORCID API pushes my iD to your system. You can also check my ORCID record for additional info, and monitor it for updates.

ORCID

Crossref ?

has asked for the following access to your ORCID Record



Read items in your ORCID record
Create or update your activities

- Allow this permission until I revoke it.
You may revoke permissions on your account settings page. Unchecking this box will grant permission this time only.

This application will not be able to see your ORCID password, or other private info in your ORCID Record. [Privacy Policy](#).

Sign into ORCID or [Register now](#)



Personal Account



Institutional Account

Sign in with your ORCID account

Email or iD *

0000-0002-8689-4935



ORCID Password

••••••••••



[Forgotten password?](#)

Deny

Authorize



ORCID Roadmap

Working with our Board and community, we have created a plan for the next 3 years. Our roadmap is centered on core strategies, and each year we focus on a specific sector.

During 2018 our goal is to make ORCID record information richer and more secure, focusing on the funding community.



Researcher: Position researchers at the center of all that we do

Infrastructure: Invest in developing a robust information infrastructure

Trusted Assertions: Enable a wide range of iD-ID connections

Strategic Relationships: Develop sustainability through strategic relationships

Researcher: Use ORCID to share information

- **Sharing information** - Establishing pathways for researchers to share affiliation, funding, and resource information when publishing
- **Collecting evidence** - Demonstrating benefit of implementing ORCID

AFFILIATIONS

Type	Subtypes	Definition	Examples
Employment		A formal employment affiliation with an organization - paid or unpaid	Formal positions including faculty, postgraduate researchers, internships, society employee, other staff and contractors
Education and Qualifications	Education	Participation in an academic higher education program. May be designated as in progress or unfinished	Undergraduate, graduate, masters, doctorate
	Qualification	Professional or vocational accreditation, certification or training undertaken by an individual. May be designated as in progress or unfinished	Professional and continuing education qualifications, training and other certification
Invited Positions and Distinctions	Invited Position	An invited non-employment affiliation. The individual may be based at a different organization This category includes formal acknowledgements of an individual's academic efforts through honorary titles and/or positions which require no specific service May be paid or unpaid	Honorary fellow, guest researcher, emeritus professor, visiting lecturer
	Distinction	This category is for honorary and other awards, distinctions, and prizes made by an organization in recognition of an individual's academic or other achievements	Trophies, cash prizes, non-cash prizes, medals, honorary degrees
Membership and Service	Membership	Paid or gratis membership of a society or association (i.e. does not include honorary memberships and fellowships as defined under Invited Position and Distinctions)	Member of an association or society
	Service	Significant donations of time, money, or other resources to an organization or community Includes volunteer work such as society officer positions, agricultural extension work, other voluntary work	Standards body, expert panel, editorial board, study group, conference organizer, conference panel chair, committee work, project work, volunteer society officer, elected board position

New affiliation categories!

- Qualifications
- Invited positions and Distinctions
- Membership and Service

Available mid-year in ORCID Sandbox (API 3.0 rc1)

Research Resources - available mid-year (API3.0 rc2)

Resource Type	Definition	Examples
Infrastructure	A facility, building, or other physical space used to perform research.	Neutron spallation source, animal facility, data enclave, archaeological site, telescope array. ships, planes, farms, laboratories
Collection	An object or group of objects used for research purposes; can be tangible or digital.	Ocean mission, field campaign, collaborative data sets or resources, rare book collection; museum collection, biological specimen collection
Equipment	Hardware used for research purposes	Microscope, computers, glassware, samples, materials
Service	Services used for research purposes	Proteomics analysis, computing services, data analysis, logistical support, legal services, copyediting, expert or staff advisement

Sharing information - Establishing pathways for researchers to share funding and resource information

Research resources (2) Sort

Neutron Beam Award at High Flux Isotope Reactor (HFIR) and Spallation Neutron Source (SNS) 📄

Oak Ridge National Laboratory (Oak Ridge, TN, United States)

2017-01 to 2017-06 | Award

Award: 2017-A: PTAX, TOPAZ

Alternate URL: neutrons.ornl.gov

Source: Oak Ridge National Laboratory ☑ Preferred source

- New “**Research Resources**” section on ORCID record
- Working with funders and resources to capture iDs during application or registration process
- Working with publishers to capture information from author’s ORCID record in article submission process

Collecting evidence - Demonstrating benefit of ORCID



Naz
@NazTorabi

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ORCID

Hi Naz Torabi,

You have 1 new notification in your ORCID inbox - see summary below. Please visit your [ORCID inbox](#) to take action or see more details.

 Crossref. Add your published work(s) to your ORCID record (2018-04-02)

 Works (1)

Identifying Research Support Needs of Members of the Canadian Health Lib...
<https://doi.org/10.29173/jchla29354> (doi: 10.29173/jchla29354)

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9:45 AM - 2 Apr 2018



Infrastructure: ORCID as a trusted neutral actor in sharing research information

- **ORBIT Project:** establish what information is essential for funding applications and post-award reporting, and demonstrate how funders can engage with researchers to use ORCID record information to populate funder forms

ORBIT funder working group includes 13 funding bodies from 11 countries, including CAPES, CNPq, Fapesp, CONCYTEC, JST, ARC, MBIE, NIH, Wellcome, NSERC.

Trusted Assertions: ORCID as a hub for asserting and re-using information

- **ORCID policy and trust** - Clarifying policies and processes for assertions, organization identifiers, GDPR
- **Research affiliation hub** - Working with platform providers to standardize and certify ORCID integration

Strategic Relationships: Increase engagement with our global community

- **Regional strategies** - enhance our internal infrastructure for managing relationships with members and partners
- **Long tail** - analyze member models
- **Friends of ORCID** - build strategic relationships through [Partners program](#)

BRAZIL IS A KEY ORCID PARTNER

- You can demonstrate the power of a funder-led approach on ORCID adoption
- You can demonstrate the value of open identifier infrastructure
- You can be a positive example in Brazil and around the world for coordinated action on open research