



Connecting Research
and Researchers

ORCID in Publishing Workflows: An Update

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ORCID's vision is 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.

What is ORCID?

- ✓ ORCID is an open, not-for-profit organization that serves the research community by collaborating and innovating with organizations like yours.
- ✓ We provide unique ORCID identifiers free of charge to individuals, which they can reliably and clearly connect with their contributions across time, disciplines, and borders.

- ✓ Plumbing for research information
- ✓ Tools to build trust in digital information



Persistent digital identifiers to distinguish researchers from each other

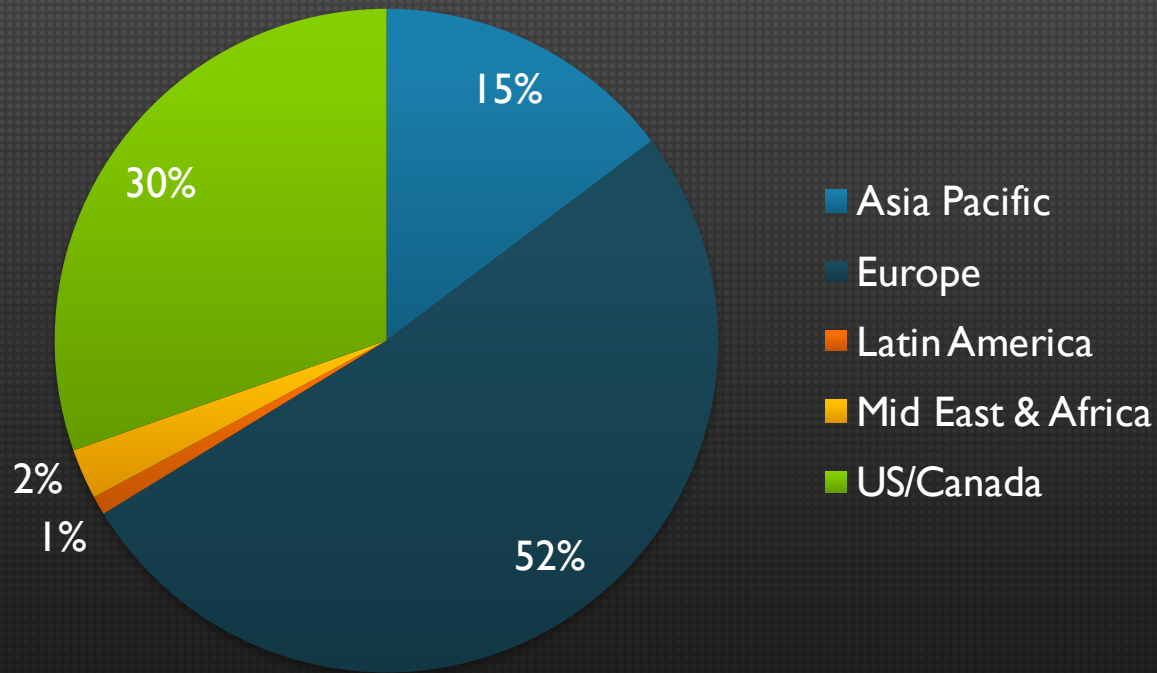


Member-built integrations for automated links between researchers and their activities/affiliations

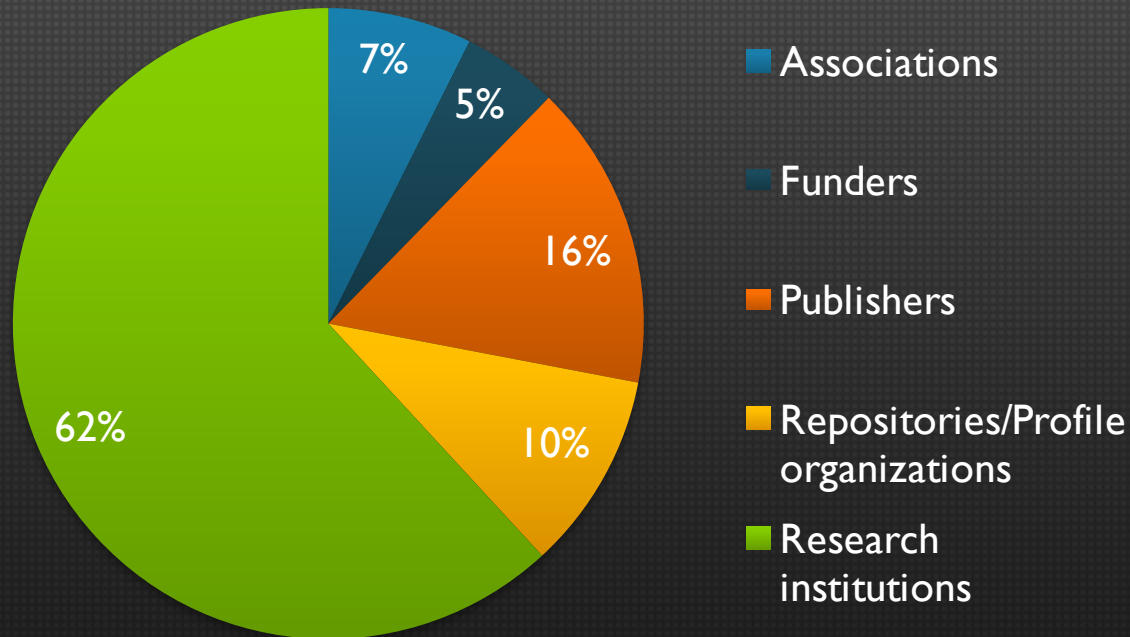


A hub for machine-readable connections between identifiers for organizations, funding, outputs, and people

Integrations by region



Integrations by sector









Collect & Connect goals

- Clarify goals and expectations across sectors
- Standardize and improve the user experience
- Improve understanding and trust in connections made between ORCID and other identifiers
- Increase efficiency and quality of integrations
- Help achieve the ORCID vision through a community approach

Display



Connect



Collect



Synch



Authenticate!



Collect *validated* ORCID iDs for authors,
reviewers

To *assert* the connection with their works AND with your
organization

This can be done via Editorial Manager



Display iDs with publications on your website/platform and include in metadata

To signal to your members and the wider community that you have plumbed your systems to support their use of ORCID iDs

<http://orcid.org/trademark-and-id-display-guidelines>



Connect information about their publications and reviews to your authors'/reviewers' records

To enable them to easily provide validated information about their works to other systems and profiles they use

<https://orcid.org/blog/2015/10/26/auto-update-has-arrived-orcid-records-move-next-level>



Synchronize with your own systems

To save your authors and reviewers time, enable better reporting and analysis, and improve information flow with other systems

<https://members.orcid.org/api/tutorial-webhooks>

<https://orcid.org/blog/2015/10/26/auto-update-has-arrived-orcid-records-move-next-level>
next-level
orcid.org



PUBLISHERS



- Open letter signatories
 - AGU (Mar 2016)
 - eLife (Jan 2016)
 - EMBO (Feb 2016)
 - Hindawi
 - IEEE
 - PLOS
 - Science (Mar 2016)
 - The Royal Society (Jan 2016)
 - + 10 more since launch including JMIR & ScienceOpen which required starting 2014

Requiring ORCID in Publication Workflows: Open Letter

Major publishers have committed to requiring ORCID iDs in the publishing process for their journals and invite other publishers to do the same.

In November, 2015, a group of publishers asked ORCID to help facilitate communications about their plans to require authors to use an ORCID iD, including hosting this open letter explaining their rationale, developing best practices for using iDs in publishing, and maintaining the signatory list. The publishers' goal is to encourage others to join them in supporting the adoption of ORCID. Publishers signing this open letter are committing to requiring ORCID iDs during 2016 following specific implementation standards.

Why Require ORCID?

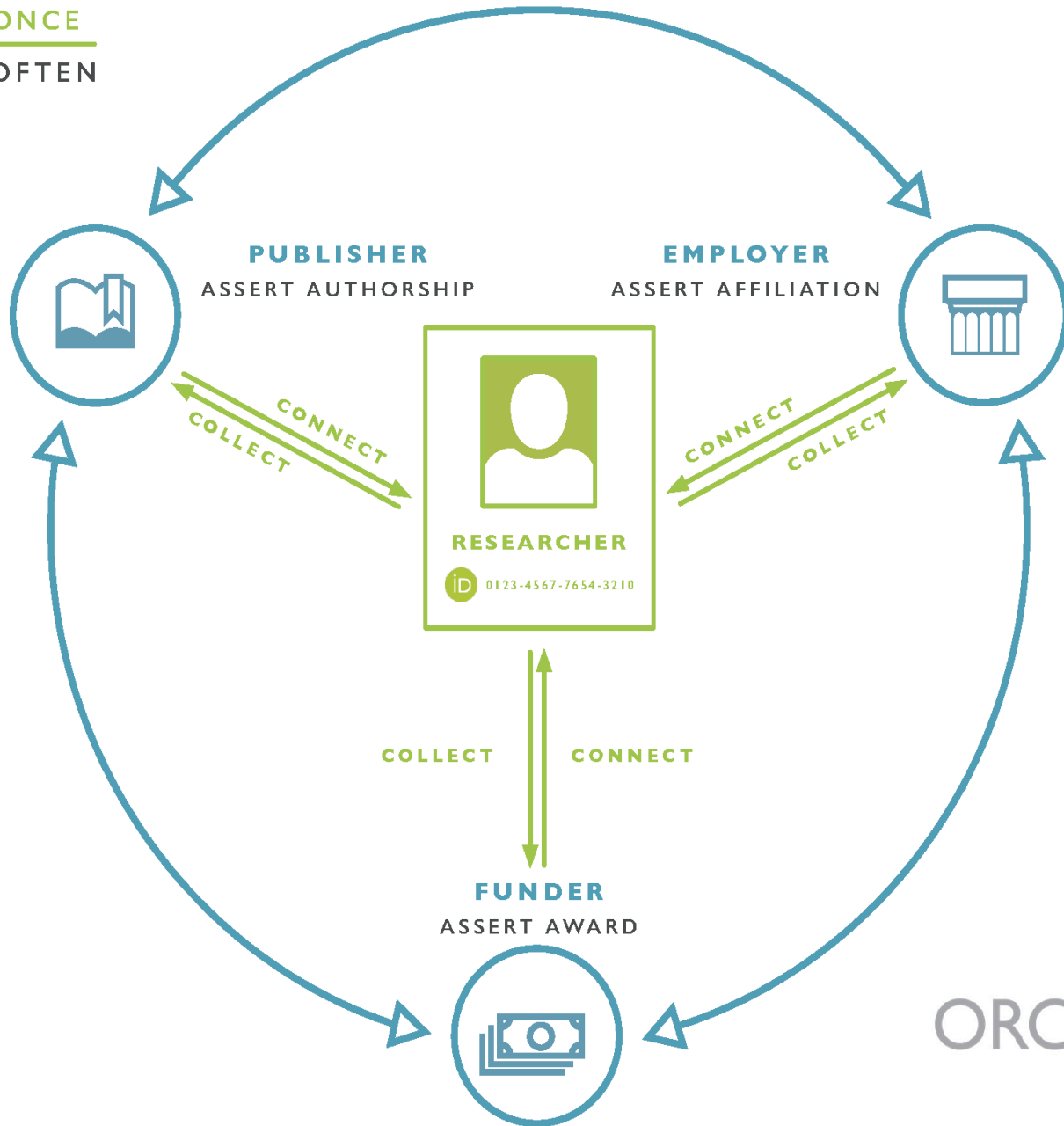
ORCID provides a digital name – or iD – that uniquely and persistently identifies researchers and contributors. By connecting this iD to different research activities and affiliations across multiple research information platforms, ORCID helps enable recognition and reduce reporting burdens for researchers. It also enhances the discovery process and lays the foundation for trust in a digital research environment. Crossref's recently launched Auto-Update functionality – which (with researcher permission) updates an author's ORCID record when the author uses their iD during the publishing process – further benefits researchers by alleviating the need to re-enter publication data in multiple systems. Importantly, it also provides an independent assertion of the connection between the author and their work.

With more than 3,000 journals already collecting ORCID iDs from corresponding authors, through all major manuscript submission systems, publishers are in a unique position to facilitate widespread adoption of ORCID. Indeed, researchers are most likely to encounter ORCID in publishing systems: about 75% of registrations occur because journals are asking authors to include their ORCID in new submissions. Researchers are also increasingly encountering ORCID in their university systems, and funders including the Wellcome Trust and EMBO have begun to require the use of ORCID in grant application systems.

In a recent survey of ~6,000 people (mostly researchers) carried out by ORCID, more than 70% said they would welcome compulsory use of ORCID iDs in publishing workflows. From January 2016, several publishers will be requiring the use of ORCID iDs by corresponding authors during the publication process and are inviting other publishers to do the same. This initiative will further speed the implementation of ORCID, support its use by researchers, and illustrate to

INTEROPERABILITY

ENTER ONCE
REUSE OFTEN



Funder mandates

- Autism Speaks (USA) 2014
- FCT (Portugal) 2014
- Swedish RC 2014
- Wellcome (UK) 2015
- NIHR (UK) 2015
- DOT (USA) 2015
- SF Ireland 2016
- FWF (Austria) 2016
- NRF (S Africa) 2016
- USGS (USA) 2016

NIHR begins roll out of mandatory ORCID iD requirement

23 September 2015

From today (Wednesday 23 September 2015), a digital identifier that distinguishes researchers - an ORCID iD - will become mandatory for all new NIHR personal award applications.

1. RCUK should become a member of ORCID. [RCUK \(2015\)](#)
2. RCUK should, as soon as practicable, enable *optional* capture of ORCID iDs on grant applications and, from a date to be announced, should *require* ORCID iDs for all staff listed in grant applications. This requirement should be subject to advanced public notice of at least 12 months and should ideally be introduced 1 year after optional capture of ORCID is enabled on grant applications.
3. Capture of ORCID identifiers by any RCUK system should by default make use of the ORCID API to ensure the integrity of the data captured.
4. RCUK should support integration of ORCID in the outcome collection process so that records linked to individuals identified in RO systems can be unambiguously matched to records linked to those same individuals in e.g. the Researchfish system.

Why is the use of ORCID being encouraged by NHMRC & ARC?

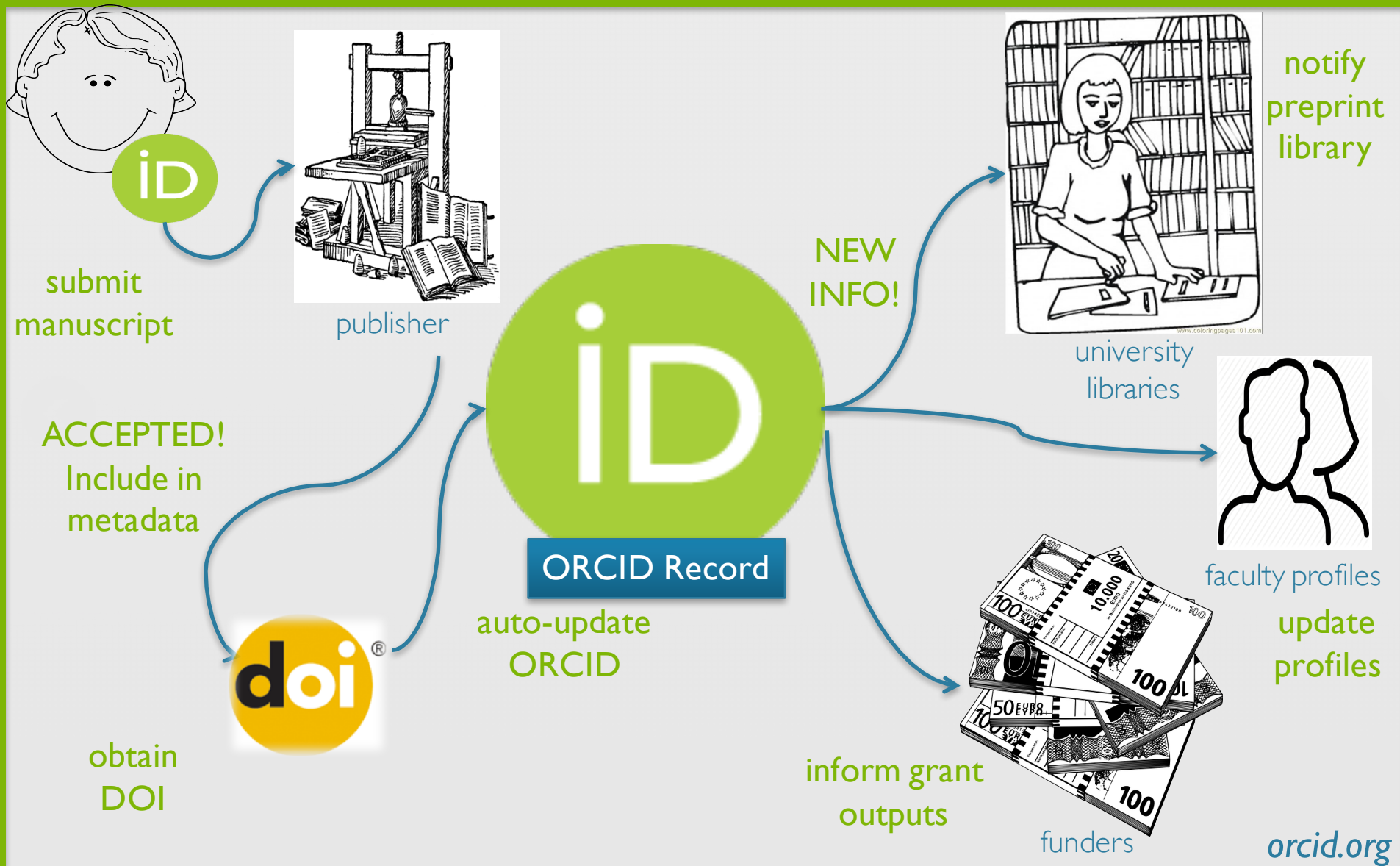
The use of ORCID may help streamline research administration and reporting for researchers and administering institutions through:

- Facilitating disambiguation of researchers and research outputs.
- Enabling the linking and reuse of high quality, persistent data (e.g. publications, grants).

- National consortia
 - Live: Australia, Italy, UK
 - In progress: Denmark, Finland, Taiwan
- Regional consortia (all US)
 - CIC, NERL, GWLA

More in the pipeline!

Auto-Update



Peer Review

- Adding recognition for peer review service to ORCID records
 - New standard citation (CASRAI)
 - Appropriate for all forms of peer review
 - Live: F1000, AGU/eJournal Press, Publons
 - In progress: Editorial Manager, Peerage of Science

<https://members.orcid.org/api/peer-review-getting-started>

▼ Peer review (10) + Add peer review ↕ Sort

▼ review activity for [Journal of Neuroscience\(4\)](#) 👤 🔗 🔒

journal, The Journal of Neuroscience is the official journal of the Society for Neuroscience. The Journal of Neuroscience publishes papers on a broad range of topics of general interest to those working on the nervous system. <http://www.jneurosci.org>

Review date	Type	Role	Actions
1996	review	reviewer	<input checked="" type="checkbox"/> show details view
2002	review	reviewer	<input checked="" type="checkbox"/> show details view
2009	review	reviewer	<input checked="" type="checkbox"/> show details view
2015-07	review	editor	<input checked="" type="checkbox"/> show details view

orcid.org 22

Simplifying sign in

The screenshot shows the ORCID sign-in interface. At the top, there is a navigation bar with links for 'FOR RESEARCHERS', 'FOR ORGANIZATIONS', 'ABOUT', 'HELP', and 'SIGN IN'. Below this, there are links for 'SIGN IN', 'REGISTER FOR AN ORCID ID', and 'LEARN MORE'. The main heading is 'Sign in using your', with two options: 'Personal Account' and 'Institutional Account'. The 'Institutional Account' option is selected. Below this, there is a section for 'Sign in with your ORCID account' with fields for 'Email or ID' (containing 'a.meadows@orcid.org') and 'ORCID Password' (masked with dots). There is a link for 'Forgotten password?' and a 'Sign into ORCID' button. At the bottom, there is a link for 'Sign in with a social media account'.

ORCID
Connecting Research
and Researchers

FOR RESEARCHERS FOR ORGANIZATIONS ABOUT HELP SIGN IN

SIGN IN REGISTER FOR AN ORCID ID LEARN MORE

2,260,396 ORCID IDs and counting. See more...

Sign in using your

Personal Account Institutional Account

Sign in with your ORCID account

Email or ID
a.meadows@orcid.org

ORCID Password

Forgotten password?

Sign into ORCID

Sign in with a social media account ?

Institutional and social media sign in