Using Identifiers in research workflows: I know this stuff is important, but tell me why

Crossref

Crossref lets organizations that publisher research register identifiers and metadata for their content. This metadata can contain ORCID iDs, funding and licence information and more. This information is made freely available so that it can be integrated into their research information systems to track research outputs.

ORCID

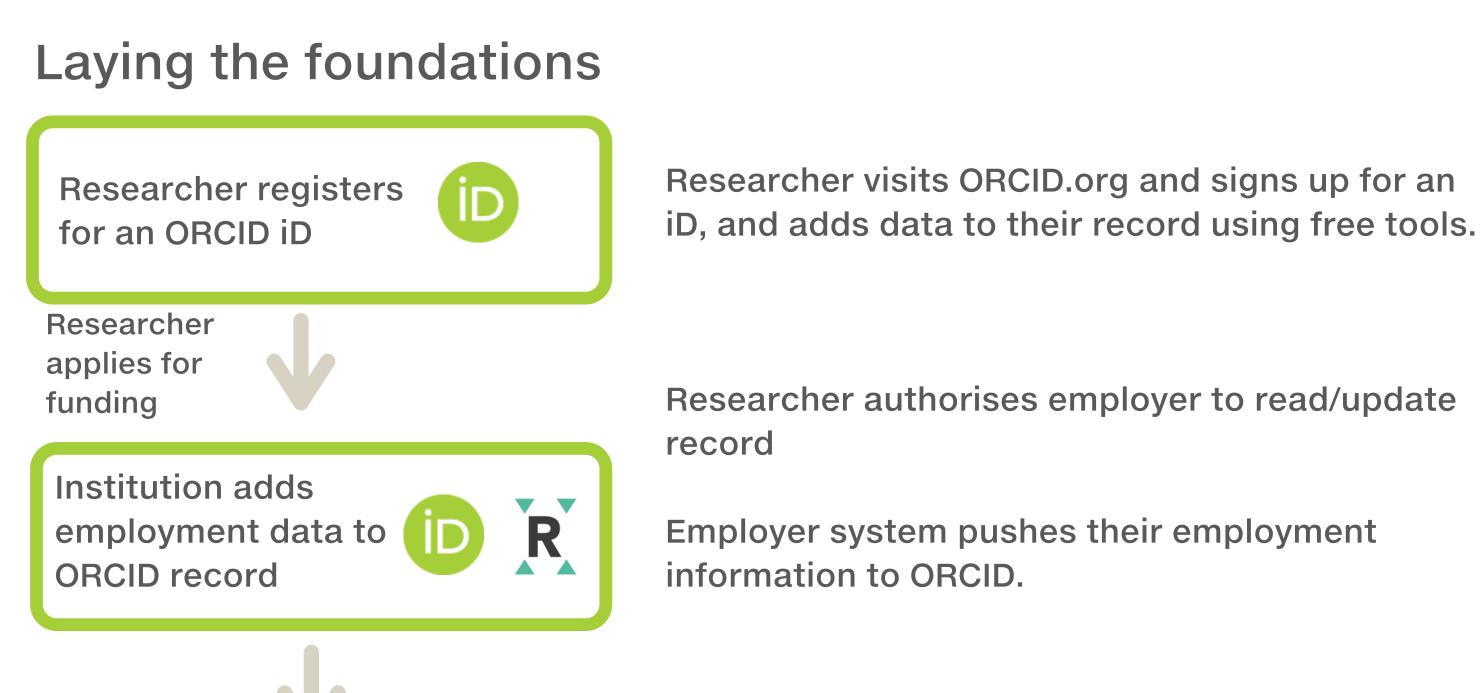
ORCID provides a persistent digital identifier that distinguishes each researcher from other researchers and, through integration in key workflows such as manuscript and grant submission, supports automated linkages between them and their professional activities ensuring that their work is recognised.

Heard about ROR? **R**

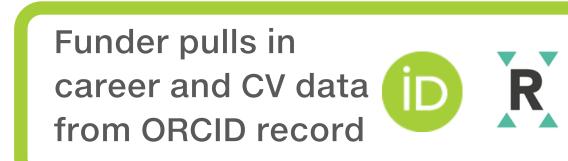
Research Organizations Registry ROR is a community-led project to develop an open, sustainable, usable, and unique identifier for every research organization in the world. We'd love your input! https://ror.org

Imagine a world where your researchers can spend more time making research contributions, and be less frustrated managing and sharing those contributions; and where you can more easily follow their professional activities throughout their career.

ORCID and DOIs are vital components of the toolkit that can make this vision a reality. DOIs allow the community to distinguish unique professional activities such as research outputs and funding. ORCID iDs can distinguish your researchers and with APIs can significantly improve the flow of research information within and between organizations at every stage of the research lifecycle, from grant application and publication to research information management reporting. Connecting identifiers for people, place and things enables interoperability across sectors, borders and time.



Supporting research



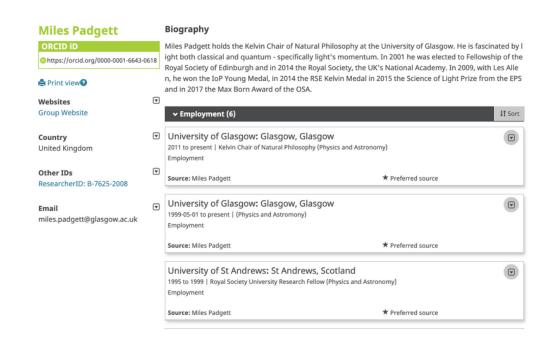
Researcher authorises funder to read/update record.

Funder system pulls in grantee information by entering their ORCID and having their system pull back the rest of the information.

How & why

ORCID ID	name	name	names	Affiliations
https://orcid.org/0000-0001-6643-0618	Miles	Padgett		University of Glasgow, University of St Andrews, PA Consulting Group Melbourn, University of Cambridge, The University of York
https://orcid.org/0000-0003-3093-3832	Miles			
https://orcid.org/0000-0003-0192-7783	Miles			
https://orcid.org/0000-0002-1728-5714	Miles			
https://orcid.org/0000-0003-2622-3635	Miles			
https://orcid.org/0000-0002-6951-7855	Jennifer	Padgett		
https://orcid.org/0000-0001-6189-2979	Michael	Padgett		
		- •		

Many researchers have the same or similar names. Signing up for a free ORCID iD gives them a unique identifier to distinguish them.



Employment details change over time. ORCID records this so their activities are kept together in one place.



Research information systems enable researchers to connect

funding, works and more,

This enables this trusted

information to be added and

updated automatically across

information about their affiliation,

seamlessly to their ORCID record.

Funding application succeeds

Funder registers a **DOI for the grant**

correctly identified

credentials

Publishing research

Funder adds award and review citations to ORCID record

Funder system sends data to ORCID when reward is granted

Ensures researcher (and their co-authors) are

Single sign-in to submission systems using ORCID

Publisher collects and (D) authenticates author ORCID iDs during submission

Publisher queries

Funders will soon start registering DOIs for grants with Crossref. A researcher can then enter their grant number and have the full grant information pulled in. Crossref will push this information to ORCID if an ORCID iD is included in the metadata funders provide.

MYGLASGOW RESEARCH

Create or Connect your ORCID ID with Enlighten

My Publications > Connect to ORCID for Manage ORCID Permissions

For Research and Teaching staff your ORCID will also be displayed on your University staff profile page

Hide link funding LINK FUNDING

ORCID works with our member organizations to make it easy to connect you nformation in their records. Choose one of the link wizards to get started.

ÜberWizard for ORCID

Import your awarded grants from funders around the world, all in one easy-to-use wizard

GasSight Engineering and Physical Sciences Research Council (Swindon) 2017-03-01 to 2018-02-28 Grant GRANT_NUMBER: EP/R002630/1 URL: https://grants.uberresearch.com/501100000266/4395F9D9-09E5-46A6-AC7A-75EB8.. ★ Preferred source

> The Wellcome Trust (WT) requires applicants to provide an ORCID ID via their WT Grant Tracker, allowing them to access the ORCID profile information during grant/manuscript submission. Next, they'll capture research information from researchers simplifying and speeding up grant application and reporting processes.

systems.

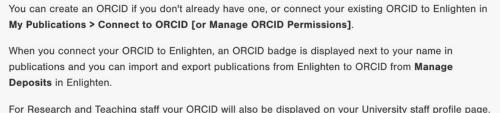
Single-sign on in manuscript

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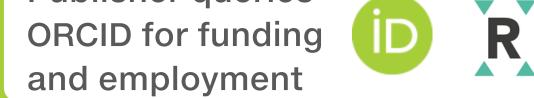
Funding (1)

Create An Account





Source: ÜberWizard



Information tied to ORCID records can be pulled into systems by ORCID members to increase accuracy

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The Journal Of Orchid Care	Log In	
	D Log In With ORCID ID	

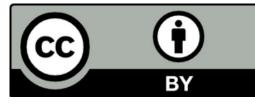
submission systems mean fewer account details to remember.

Funding information collected and disseminated Publisher matches funder against funder publication policy so that they can publish in line with funder policies.

Reporting

R nstitutions and funders harvest publication data

Auto-update automatically adds publications to the researcher's ORCID record. They can then be found, reported on and pulled into research information systems or reported directly to funders.



http://eprints.gla.ac.uk/187933/





 Works (50 of 375) A compact acoustic spanner to rotate macroscopic objects cientific Reports 019-12 | journal-article OI: 10.1038/s41598-019-43046-4 * Preferred source Source: Crossref

When a publisher registers content with Crossref or DataCite that has an ORCID iD, they'll push that publication information to the author's ORCID record, making it simple to keep it up-todate.

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