Infrastructure to Connect People, Places and Things

Webinar co-hosted with DataCite and Japan Link Center
9 June 2020

Chieh-chih Estelle Cheng 鄭潔之
Engagement Manager APAC

https://orcid.org/0000-0002-3207-0527
AGENDA

Open Research Infrastructure
  • ORCID

ORCID Community

ORCID Use Cases
ORCID’S VISION IS A WORLD WHERE ALL WHO PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND INNOVATION ARE UNIQUELY IDENTIFIED AND CONNECTED TO THEIR CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME, DISCIPLINES, AND BORDERS.
The Value of Identifiers

Persistent identifiers for people, places, and things are a foundational element in anchoring and referencing research information in a trusted and interoperable way.
WHAT IS ORCID?

A globally unique and open identifier for researchers

Researchers share their iD with organizations during regular research workflows

A place to store and share the resulting connections between iDs and research activities and affiliations

https://orcid.org
Interoperability

PUBLISHER
Assert Authorship

CONNECT
COLLECT

RESEARCHER
000-0001-2345-6789

CONNECT
COLLECT

FUNDER
Assert AWARD

CONNECT
COLLECT

EMPLOYER
Assert Affiliation
ORCID Community

Collaborating to build open research infrastructure
The ORCID Team
ASIA PACIFIC ENGAGEMENT TEAM

Estelle Cheng
Engagement Manager, APAC

Camillia Lu
Engagement Lead, APAC

Brian Minihan
Engagement Lead, Oceania & Hong Kong

Languages spoken:
Chinese, English, Japanese

https://orcid.org/about/membership/engagement-regions
The ORCID Community

- ORCID is a **non-profit, membership, and platform-neutral** organization. ORCID is sustained by members from publishers, funders, research institutes and others.
- ORCID is governed by representatives from a Board.
- Over 8 million researchers have registered for an iD
- Over 1000 member organizations in 43 countries, including 24 consortia
- 600+ research systems using ORCID in all sectors
ORCID in the APAC

- 155 members
- 128 integrations - connections between ORCID members’ systems with ORCID Registry
- Work with 3 DOI Registration agencies in Asia
  - Airiti
  - Japan Link Center
  - Korea Institute of Science and Technology
Global Trends

Publishers

- Publishers and repositories around the world use DOIs and ISBNs to persistently identify journals, datasets, and books
- Over 2,561 publisher and journal systems currently collect ORCID iDs during manuscript submission [video]. Many are also using ORCID for peer review.

Publishing Systems

- Supported ORCID features and configuration steps vary by system

  - Editorial Manager/ProduXion Manager
  - Open Journal Systems
  - ScholarOne Manuscripts
  - eJournalPress
  - ReView

Source: https://orcid.org/content/requiring-orcid-publication-workflows-open-letter
Global Trends

Funders

- Over 20 funders have issued a policy or statement relating to the use of ORCID iD, and has implemented ORCID into the workflow, including Wellcome Trust, US National Institutes of Health, and the Australian Research Council.

Source: https://orcid.org/content/requiring-orcid-publication-workflows-open-letter
Global Trends: National Adoption

- **Australia**: issued a joint statement of principle to strongly support use of ORCID on a national scale.
- **Italy**: launch the Italian Researcher Identifier for Evaluation (IRIDE) project. By the end of 2016 more than 80% of Italian researchers (including PhD students and post-docs) had registered for an ORCID iD and linked it to their publications back to 2006.
- **New Zealand**: Develop the New Zealand ORCID Hub, a national platform to enable use of ORCID by all organizations.
- **UK**: Universities see key benefits for improving efficiency and integrity of research reporting.
Working with ORCID: Use Cases

How researchers and organizations can benefit from ORCID
Credibility

Researcher

ORCID record

Researcher Name

ORCID ID

orcid.org/xxxx-xxxx-xxxx-xxxx

Basic information
- Other names
- Email addresses
- Biography

Account settings

Activities & affiliations

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)
Connecting affiliations to the researcher’s ORCID account – New Zealand, Royal Society Te Apārangi
Connecting grants to the researcher’s ORCID account – Chang Gung University

<table>
<thead>
<tr>
<th>Grant</th>
<th>Grant_NUMBER: NSC98-2221-E182-019</th>
</tr>
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<tbody>
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<td>URL</td>
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</tr>
<tr>
<td>Source</td>
<td>Chang Gung University</td>
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Connecting different identifiers to the researcher’s ORCID account – Researcher Name Resolver ID (Japan)
Connecting professional activities to the researcher’s ORCID account – Singapore Management University
Connecting professional activities to the researcher’s ORCID account – Yonsei University Medical Library
Identifying which resources were used to create research findings

- Make your resource(s) citable
- Share information about the research at your facility
- Improves transparency between users and resources
Use case: DataCite and ORCID

- **Researcher** connects ORCID iD to DataCite Profile, enabling auto-update.

- **Data Center** embeds ORCID iDs in dataset metadata, noting if iD is authenticated.

- **DataCite** checks metadata for authenticated ORCID iDs when assigning DOIs to new works.

- **ORCID** receives new work info from DataCite, sending it to users’ ORCID records.
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

Analysis of time/staff savings achieved by implementing ORCID from around the world

UK: 0.2 – 0.4 FTEs per institution\(^1\)
Portugal: 100,000 researcher hours per year\(^2\)
Australia: 15-30 minutes per grant application\(^3\)

2. Cátia Laranjeira, FCT - Fundação para a Ciência e a Tecnologia
3. Australian Research Council governance meeting, September 2018

"Having ORCIDs 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
We Each Play a Role

For the vision to become a reality, each part of the community must participate in building information infrastructure that enables sharing of information about research outputs and evaluation of their impact.
Find out more at https://orcid.org
Register at https://orcid.org/register
Email e.cheng@orcid.org
All about ORCID
https://orcid.org/about
ORCID Membership
https://orcid.org/about/membership
ORCID for Research Organizations
https://orcid.org/organizations/research-orgs
Support Center: Structured Workflows
https://members.orcid.org
ORCID Blog: Keep posted about ORCID
https://orcid.org/blog