研究人員和機構運用ORCID的助益

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Presentations

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Data and Scholarly Communication Librarian

Mr. Jesse Xiao

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.

Imagine a world where

- research information is openly available
- researchers are accurately credited for their contributions
- research institutions are accurately cited
- funders can track impact of funding and resources
- publishers can streamline submission and review processes
- accurate search and discovery tools are available
- researchers can easily share electronic information about their contributions and affiliations
- evaluators have access to open data to study knowledge flows

Building Research Infrastructure

- A well-implemented strategy requires suitable research infrastructures and support.
- Open information infrastructure is needed for creation of trusted linkages between researchers, research institutions, publishers, and funding organizations

The Value of Identifiers

Persistent identifiers for

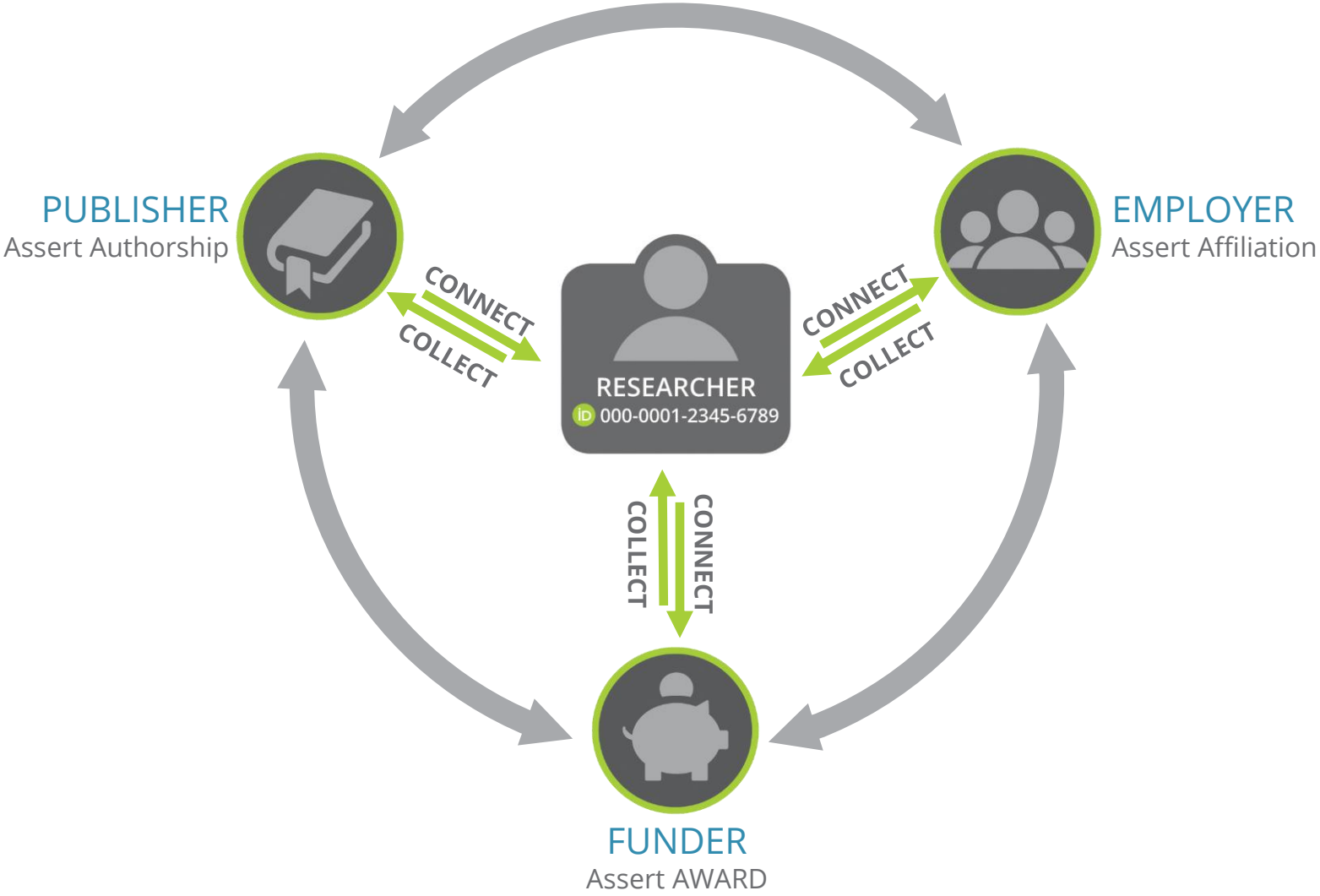
people

places and

things

are a foundational element in anchoring and referencing research information in a trusted and interoperable way.

Interoperability



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

Connections: Funding

Funding (10) Sort

二維剛性圓柱體與彈性平面吸引接觸之數值分析

長庚大學機械工程學系(所) (Taoyuan)

Grant

GRANT_NUMBER: NSC98-2221-E182-019

URL: http://grbsearch.stpi.narl.org.tw/search/planDetail2?projkey=PB9807-2064

Source: Chang Gung University

★ Preferred source

Connecting grants to the researcher's ORCID account – Chang Gung University

Connections: Works

Works (7 of 7)

Sort

Exploiting Latent Social Listening Representations for Music Recommendations

Poster Proceedings of the 9th ACM Conference on Recommender Systems (RecSys '15)

2015-09 | conference-paper

URI: http://nccur.lib.nccu.edu.tw/handle/140.119/98248

Source: National Chengchi University 國立政治大學

★ Preferred source

Connecting works to the researcher's ORCID account – National Chengchi University

Connections: professional profile

Connecting a professional profile (eScientist) to the researcher's ORCID account - 农业科学家在线系统

ORCID Community

Open collaboration, global scale, local teams

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 9 million researchers have registered for an iD
- Over 1000 member organizations in 48 countries, including 24 national consortia
- 600+ research systems using ORCID in all sectors

https://orcid.org/statistics

Global Trends

Publishers

- Publishers and repositories around the world use DOIs and ISBNs to persistently identify journals, datasets, and books
- Nearly 6000 publisher and journal systems currently collect ORCID iDs during manuscript submission [video]. Many are also using ORCID for peer review.

Funders

- Over 20 funders have issued a policy or statement relating to the use of ORCID iD, several collect ORCID during grant application, and some are requiring ORCID, including Wellcome Trust, US National Institutes of Health, and the Australian Research Council.

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

ASIA PACIFIC ENGAGEMENT TEAM

Estelle Cheng
Engagement Manager, APAC

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Engagement Lead, APAC

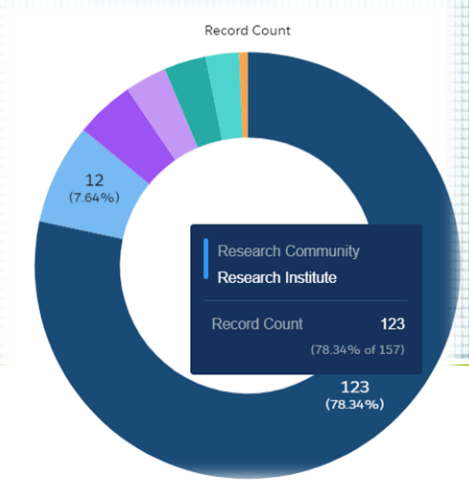
Brian Minihan
Engagement Lead, Oceania & Hong Kong

Languages spoken:
Chinese, English, Japanese

https://orcid.org/about/membership/engagement-regions

ORCID Members in the APAC

- 158 members in total
- 129 integrations - connections between ORCID members' systems with ORCID Registry
- 4 Consortia (Australia, Japan, New Zealand and Taiwan)
- Research institutes account for most members

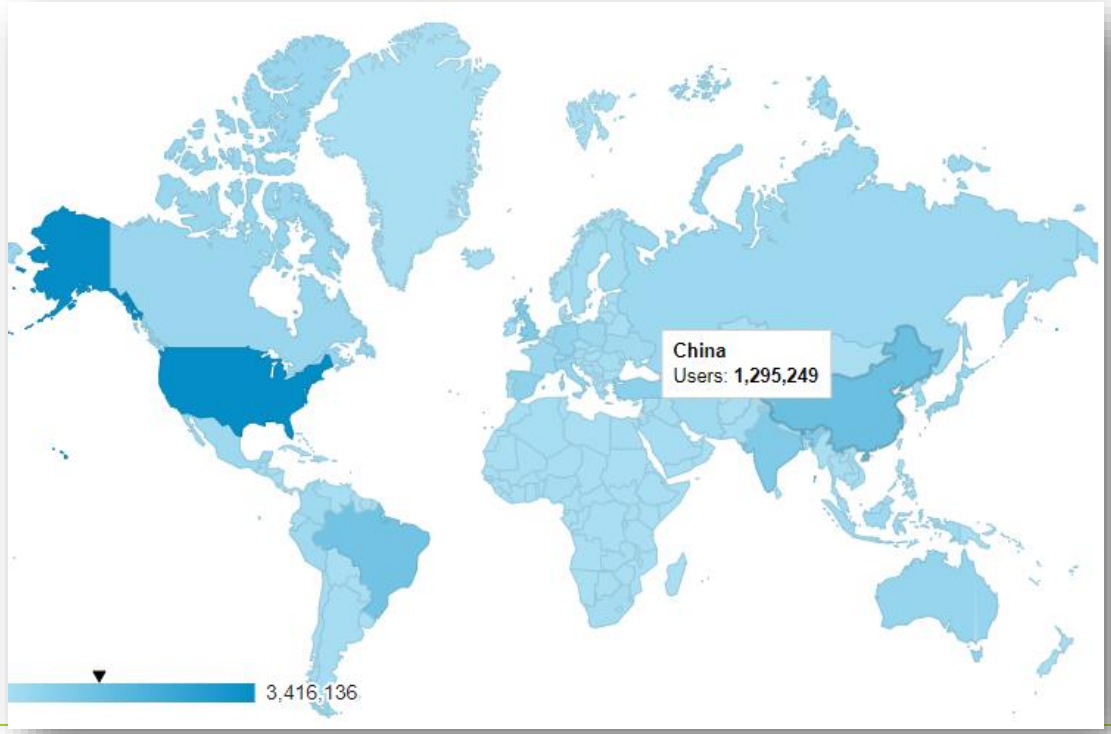


ORCID Members in Greater China

- **ORCID in Mainland China – 4 members**
  - Social Science and Academic Press (China) (SSAP)
  - The Institute of High Energy Physics (IHEP), Chinese Academy of Sciences
  - Agricultural Information Institute of the Chinese Academy of Agricultural Sciences (CAAS AII)
  - TsingHua University Library
- **ORCID in Taiwan – 9 members**
  - Taiwan Consortium (5 members)
  - Airiti
  - Taiwan Association for Aerosol Research
  - National Cheng Kung University
  - Tamkang University
- **ORCID in Hong Kong – 9 members**
  - Chinese University of Hong Kong (CUHK)
  - City University of Hong Kong
  - GigaScience
  - Hong Kong Baptist University
  - Hong Kong Polytechnic University
  - Hong Kong University of Science and Technology
  - Lingnan University
  - The Education University of Hong Kong
  - University of Hong Kong

ORCID in the APAC - Users

China accounts for the second largest source of traffic to the ORCID Registry, with over 1.2m unique users this year.



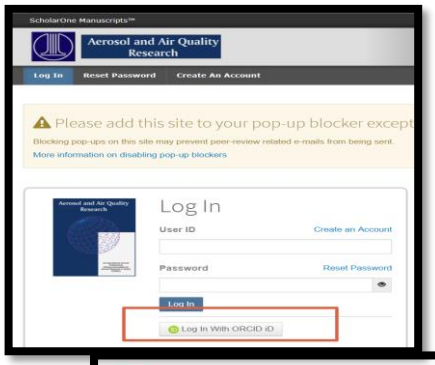
How researchers and organizations can benefit from ORCID

Working with ORCID

Researchers need to

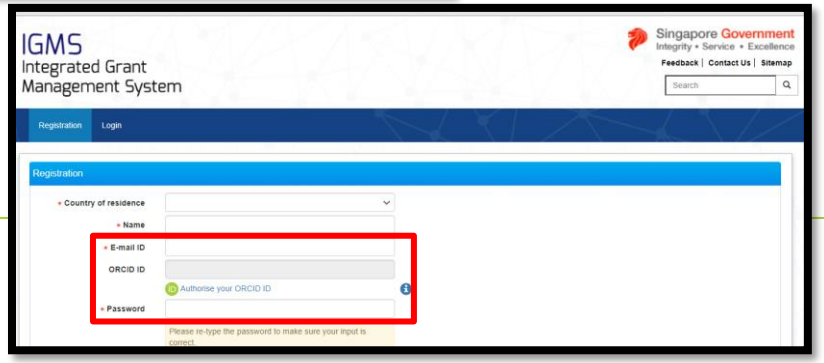
- Create an ORCID ID First
- Connect your ORCID ID with systems you interact with during any research workflow

In Publishing

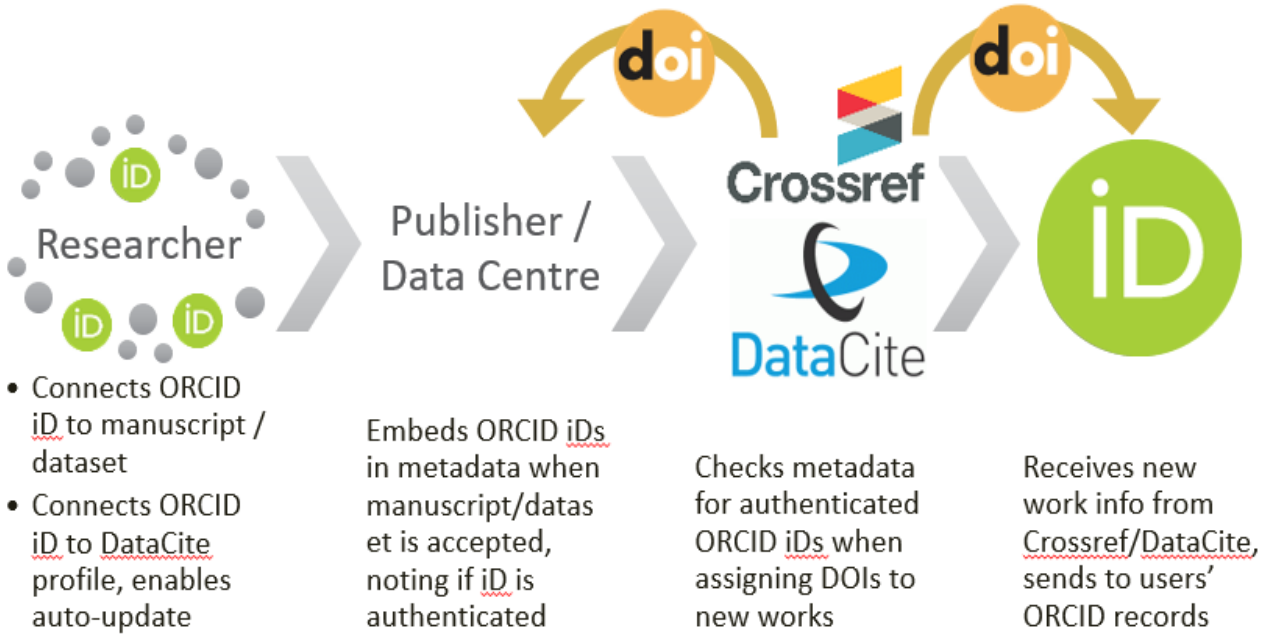


In OA-archiving

In Funding



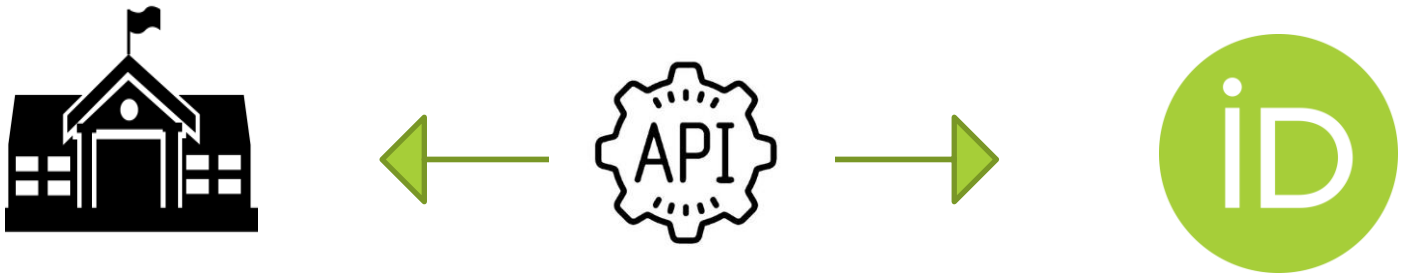
Benefits for Researchers: auto-updates



Enable time-savings for researchers, preserve metadata quality, and support transparency and trust in research information

Organizations need to

- Build an infrastructure to support the use of persistent identifiers like ORCID first
- Connect your system with ORCID Registry through ORCID API
  - From HR system, research management system, publishing system, repository system, Profile system or customized ones all appropriate



Benefits for Organizations

- Collect research information from various sources
- Connect validated information from your system to ORCID and to be circulated worldwide
- Enjoy automated information-sharing and cross-system interoperability

DOI providers

Funders

Service Providers

Publishers

Benefits for Organizations

- Manage your organization name and your researchers' connections with it to improve data quality, which influences visibility, research impact and evaluation

Affiliation added to the individual(s) ORCID iD(s) by the university system

OJS OPEN JOURNAL SYSTEMS

eJournal Press

SCHOLARONE™

Publisher Submission systems

PubMed

Scopus

WEB OF SCIENCE

Indexes & Databases

QS WORLD UNIVERSITY RANKINGS

THE TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS

Data and rankings

Summary

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

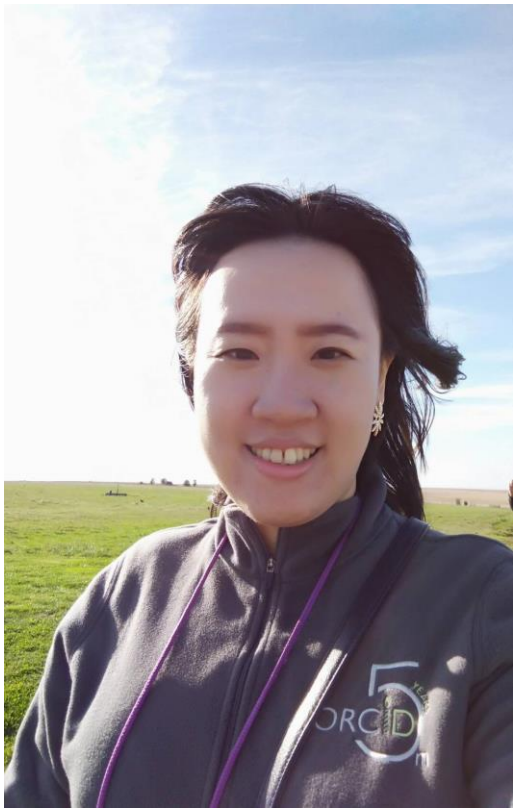
Start today!

- Read 30-sec ORCID infographic (here)
- Become an ORCID member (here)
- Join ORCID events (here)
- Register a client application: Sandbox Member API (here) (free to anyone)
- Read the material about ORCID API in Mandarin compiled by TsingHua University Library

ORCID

Connecting Research and Researchers

THANK YOU



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