



Connecting Research  
and Researchers

# Hands on with the ORCID API – What is ORCID?

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# Names are messy

ORCID provides persistent digital identifiers to distinguish researchers



ORCID iD	First name	Last name
0000-0002-8898-4520	Koichi	Tanaka
0000-0001-9115-2015	Koichi	Tanaka
0000-0001-8666-6396	Koichi	Tanaka
0000-0002-3180-7881	Koichi	Tanaka

# ORCID iDs and researchers

## ORCID iDs

- over 2.6 million registered
- used by individuals their entire career
- connected: > 7 million unique DOIs with iDs (papers & data)
- connected: > 300 thousand unique organization iDs
- easy to use!

Register for an iD. Use it!



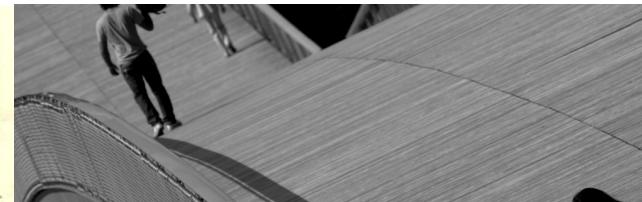
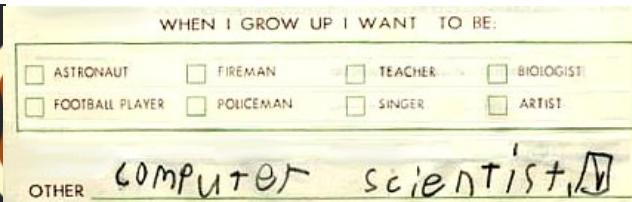
PHOTO: Job Meeting

[www.flickr.com/photos/jobmeeting/14375164286](https://www.flickr.com/photos/jobmeeting/14375164286)

[orcid.org](http://orcid.org)

# ORCID's vision

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.

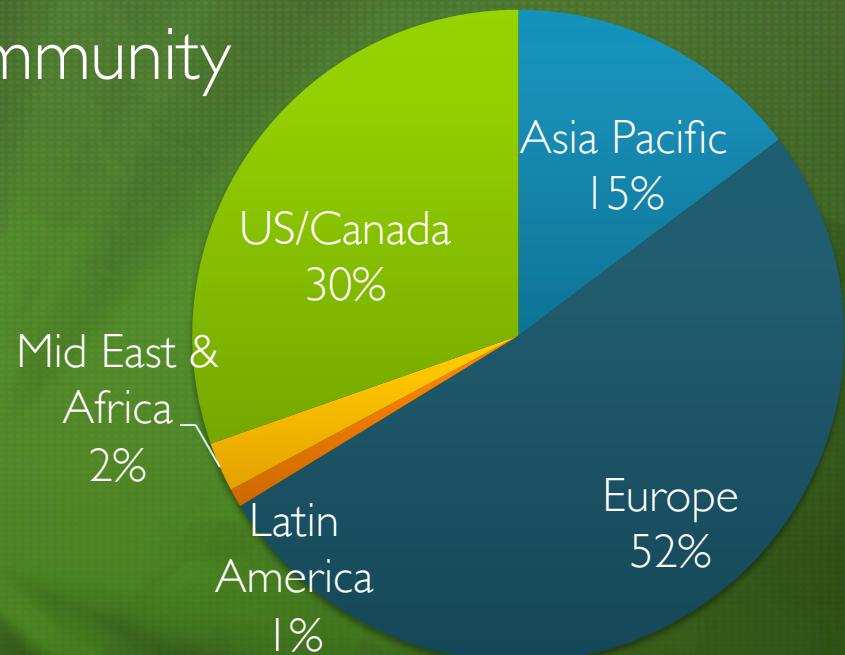
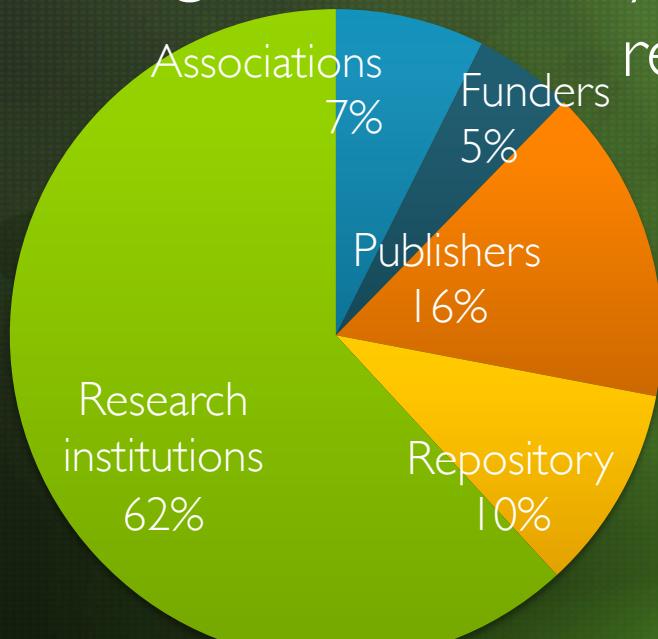


# O in ORCID is for open

- Independent non-profit membership organization
- International service - integrates with other identifiers
- Free for individuals
- Non-proprietary, platform-neutral
- Open data, software, APIs, & documentation

# Integration in research systems

Over 500 members, 7 national consortia, and nearing 300 integrations in every region and sector of the international research community



# Plumbing connections

- ✓ plumbing for research information
- ✓ tools to build trust in digital information



persistent digital identifier distinguishing researchers from each other



member-built integrations for automated linkages between researchers and activities/affiliations



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

# Plumbing connections



COLLECT

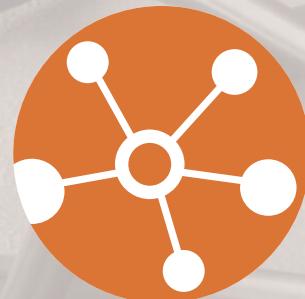


AUTHENTICATE

Organizations use ORCID APIs to authenticate, collect, display, and connect persistent identifiers for people, places, and things



DISPLAY



CONNECT

# Plumbing connections

## DISPLAY

- In metadata
- On sites
- In publications



## CONNECT

- Affiliations (employers)
- Works (publishers)
- Awards (funders)

# Plumbing connections

## INTEROPERABILITY

- Enter once, Reuse often
- Funding
  - NIH Video: <https://goo.gl/mAhDH5>
- Publisher
  - Wiley instructions: <http://goo.gl/Cm5irQ>
  - Publisher requirement page: <http://goo.gl/loJ8qv>
  - SSO: <http://goo.gl/P5oH6i>
- Employer
  - UC Davis LibGuide: <http://goo.gl/GdIWCE>
  - Oxford LibGuide: <http://goo.gl/EpP3XT>



# Universities

*"We want to use ORCIDs to simplify the life of Oxford's researchers for working with institutional systems and publishers' systems by re-using already available information for publication data management and reporting.*

*The motto is: **Input once – re-use often.**"*

Wolfram Horstmann, Assoc. Director, Bodleian Libraries, University of Oxford

<http://orcid.org/0000-0001-8673-6104>



**Alex Smith** @Alex\_Smith\_Ants

12m

Hour number 2 of entering and updating my publications to indicate that they were "published" and refereed. #CanadianCommonCV #wasteoftime

[Details](#)



**Terry Wheeler**

@ta\_wheeler

@Alex\_Smith\_Ants Meanwhile, in an alternate universe, another You just typed his Orcid, linked it all up & went for a run.

9:07am · 29 Jul 2014 · Twitter for iPhone

# Universities: eduGAIN-enabled SP

- Individuals sign-in with university SSO
- Registered via SURFconext
- Research & Scholarship (R&S) entity
- Requires persistent, inherently non-reassigned ID:
  - Persistent NameID, eduPersonUniqueId OR eduPersonTargeted ID (not ePPN)
- Also of interest:
  - Social sign in supported
  - ORCID in eduPerson schema

Sign in using your

 Personal Account     Institutional Account

Sign in with your ORCID account

Email or iD

ORCID Password

[Forgotten password?](#)

[Sign into ORCID](#)

Sign in with a social media account 



PHOTO: Job Meeting

[www.flickr.com/photos/jobmeeting/14375164286](https://www.flickr.com/photos/jobmeeting/14375164286)

[orcid.org](http://orcid.org)

# Universities: eduGAIN-enabled SP

## Phase II:

- Member universities can request ORCID permissions
  - User signs in triggers permission request
- Permission-based assertion of affiliation
- Target release: Fall 2016
- Workshop during 2016 TechEx (Sept)

Sample images. Actual interface will vary.

The image contains two side-by-side screenshots of a web-based application interface for managing ORCID permissions.

**Top Screenshot (Left):** A "LINKED" status message. It states: "You have linked your Penn State account. You now may sign in using this account." Below it, a link says "You may unlink your accounts at any time on the [Account Settings](#) page." A "Close" button is located in the top right corner.

**Bottom Screenshot (Right):** A "SHARE YOUR iD WITH YOUR INSTITUTION" section. It shows "Awesome University" requesting permission. The request details: "Awesome University" has asked to become a trusted organization with the following permissions: "Get your ORCID ID", "Read your ORCID record", and "Update items in your ORCID Record". There is a checked checkbox for "Allow this permission until I revoke it." A note below explains: "(You may revoke permissions on your account settings; unchecking this box will grant the permission this time)." The Penn State logo is visible in the top left of this window.

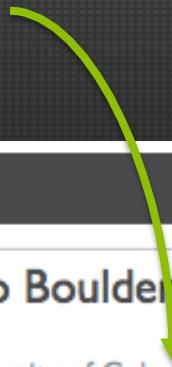
**Bottom Right Content:** The ORCID logo with the tagline "Connecting Research and Researchers" and "Member Organization". A large red checkmark is displayed next to the text "CONNECTION COMPLETE! We have stored your ORCID ID, and will automatically update your ORCID record with information about your affiliation to Penn State." Below this, a link says "You can revoke this permission at any time at <https://orcid.org/account>". A "close window" button is in the bottom right corner.

**Buttons at the Bottom:** "Deny" and "Authorize" buttons are located at the bottom of the permission dialog.



# building trust

- tools for adding IDs of people, places and things
- engage the community to embed, authenticate and assert



ORCID ID  
ID orcid.org/0000-0001-8472-7079

▼ Employment (1)      Sort ↑↓

University of Colorado Boulder: Boulder, CO, United States

Source: Faculty Affairs at the University of Colorado Boulder      Created: 2014-07-15

thank you



Jo McEntyre  
@jomcentyre



Time for coffee! @ORCID\_Org  
[pic.twitter.com/RKDGlIuaB](http://pic.twitter.com/RKDGlIuaAB)

Reply Retweeted Favored More



Dale Askey @daskey

40s

@RrrichardZach yes. many uses, not least name disambiguation. painless to get one. [orcid.org](http://orcid.org)

View

- <http://orcid.org>
- BLOG: <http://orcid.org/about/news>
- TWITTER: @ORCID\_Org