ORCID

Connecting Research and Researchers

ORCID Adoption and Use by the Research Community

ORCID meets Mozart, Wien, 24 August 2015

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Digital scholarly communications require information that is machine readable

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Names are not digital

- Different versions (full name vs. initials)
- Shared names
- Transliteration
- Accents and other ALT characters
- Name changes
- Multiple family names

Ted Hart @DistribEcology 31s
An easy case for just using an ORCID as my name is T. Hart, E. Hart and E. M. Hart on publications I've discovered.

J. Å. S. Sørensen

J. Aa. S. Sørensen

J. Åge S. Sørensen

J. Aage S. Sørensen

J. Åge Smærup Sørensen

J. Aage Smaerup Sørensen

Julie Banfield @42jkb 2h
I've started my @ORCID_Org ID. My publications are in different names so this is a perfect solution. Well done and thanks!

One Wei or Another

Earning a name for yourself in science can be a struggle. Imagine how much harder it would be if your name was routinely confused with several others. That often happens to researchers with Asian names, many of which may share the same English transliteration.

王伟
王薇
王维
王蔚
汪卫
汪玮
汪威
汪巍

To address the issue, the American Physical Society (APS) will let authors with Chinese, Japanese, or Korean names include the Asian spellings (in parentheses after the English equivalent) on papers in the society's journals, including *Physical Review Letters*. An editorial announcing the policy in December noted that at least eight different Chinese names (shown at left) are transcribed as Wei Wang. "I think this is a great way to show that science is an international matter," says Wei Wang (王为), a particle physicist at the University of Wisconsin, Madison. Adds Wei Wang (王薇), a biophysicist at the University of California, San Diego, "All the journals should do the same thing."

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What is ORCID?

ORCID provides a persistent digital identifier – a machine-readable name – that distinguishes researchers from each other

Member-built integrations in key research workflows such as manuscript and grant submission support automated linkages between researchers and their professional activities and affiliations, ensuring that works are appropriately attributed and discoverable

ORCID serves as a hub enabling machine-readable connections between identifiers for organizations, works, and person IDs

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Leveraging existing standards

ORCID works collaboratively with the research community to ensure adoption and use of research information standards

ORCID provides plumbing for research information – and the tools to build trust in digital information

TRUST

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O is for Open

- Data marked public by record holder is available under Creative Commons CC0 license
- Open APIs and documentation
- Developer Sandbox
- Software code published under MIT Open Access license on GitHub repository

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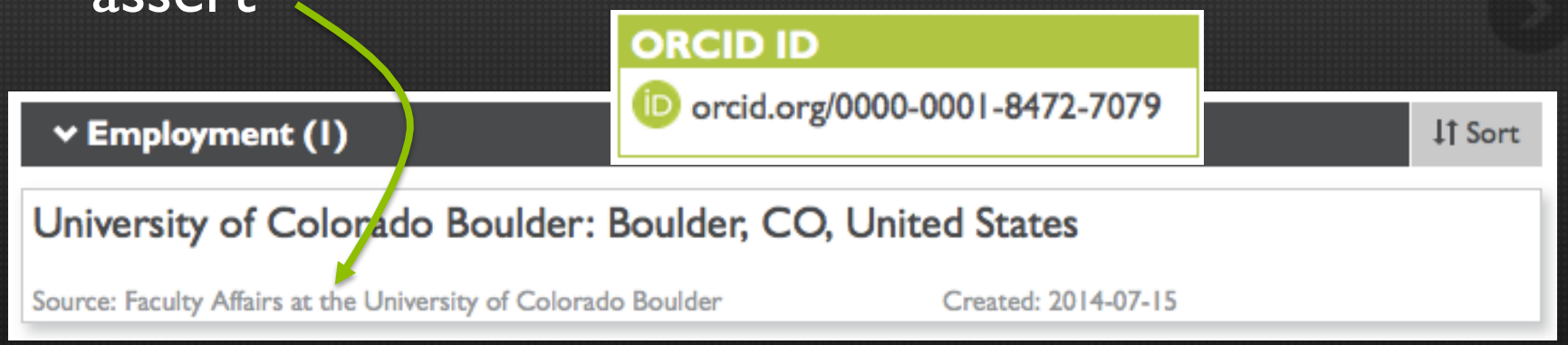
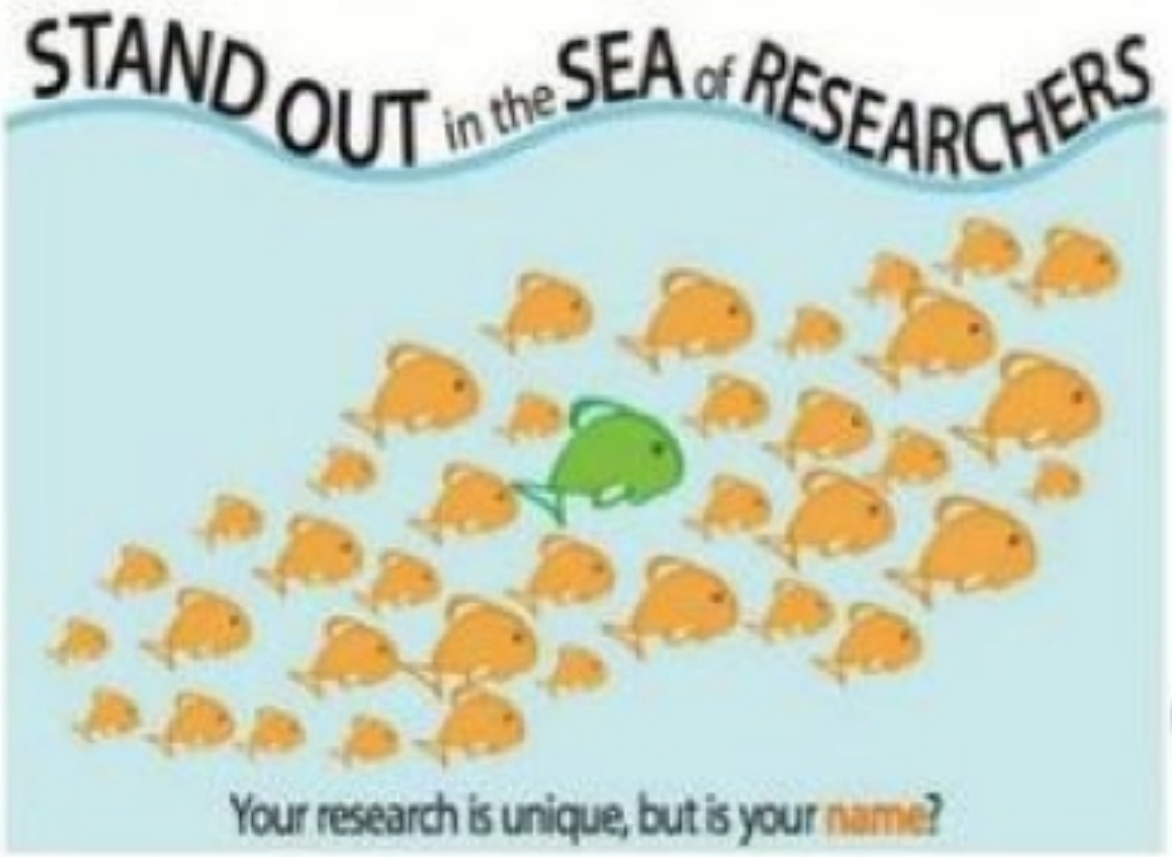
Building trust

- Tools to allow for easy addition of identifiers (for people, places, and things) during publishing, grant application, thesis deposit, etc.
- Engage the community to embed, authenticate, and assert



ORCID

Distinguish yourself and your research



Graphic: Erin Morris

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Researcher responsibility

To benefit from ORCID, researchers need only do two things:

① Register
② Use iD

No membership or fee is needed for the individual or by their employer.

ORCID identifiers are associated with:

- Over 4 million unique DOIs
- Over 25 thousand unique affiliations

ORCID responsibility

Build the infrastructure:

- Engage the community to collect identifiers
- Provide tools to ensure that the iD is embedded in and published with the paper / dataset / grant / thesis, etc.
- Encourage the community to push metadata back to update individual's record

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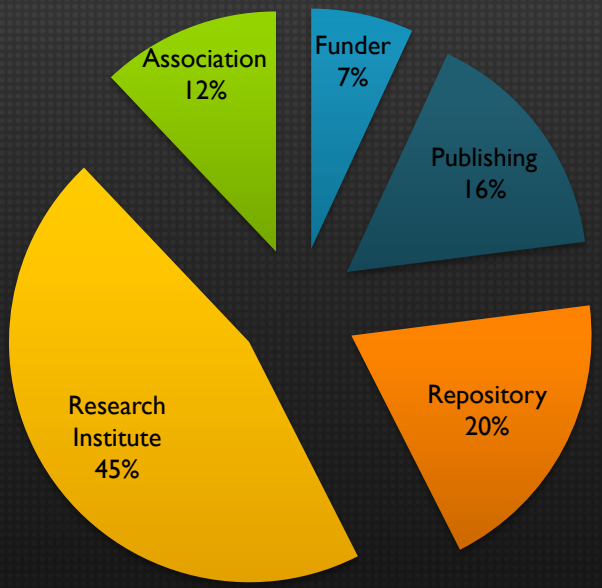
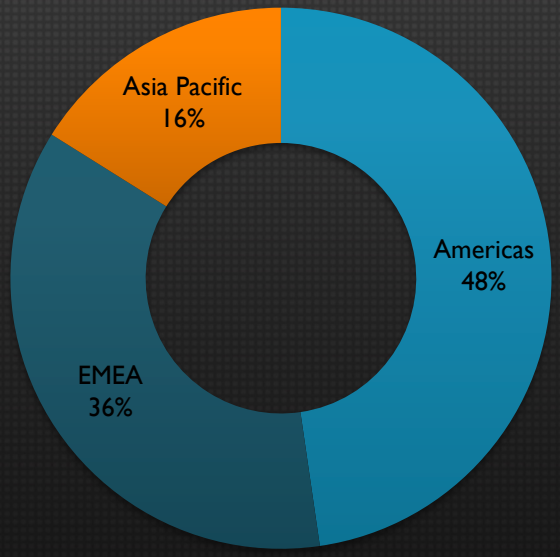
Integration in research systems

Over 300 members with 200+ iD collection points in every region and sector of the international research community.





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Consortium membership

For groups of 5 or more organizations, we provide a substantial discount on premium membership. Larger groups get larger discounts.

- The group must identify a lead organization to coordinate invoicing and technical support.
- ORCID provides technical workshops, level 2 help desk, and a web interface to support coordination of implementation.

Group Size	Member Fee	Per
5-9	US$ 6000	member
10-19	US$ 5000	member
20-29	US$ 4000	member
30-99	US$ 135 000	group
100-250	US$ 200 000	group

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Regional & national approach

- *Austria:* Funder requirement 2016
- *Italy:* National consortium 2015
- *Finland:* National recommendation 2015
- *Australia:* National recommendation 2015
- *Denmark:* University launch 2014
- *Spain:* Launched 2 consortia in 2014
- *Portugal:* Funder requirement 2013
- *Sweden:* National recommendation 2013
- *UK:* National recommendation 2013, pilot 2014, consortium 2015

Australia

Joint Statement of Principle (14 April 2015)

Use of ORCID has many tangible benefits, for our researchers, research institutions, funding agencies and the nation overall. It is proposed that Australia's research sector broadly embrace the use of ORCID as a common researcher identifier. A small working group from the Council of Australian University Librarians (CAUL), the Australasian Research Management Society (ARMS), Universities Australia (UA) and the Australian National Data Service (ANDS) has drafted the following Joint Statement of Principle:

As a matter of principle we:

1. recognise the value of unique researcher identifiers in reducing red tape, increasing efficiency, improving data quality, integrating disparate data, promoting the reuse of data, and enhancing the online presence of Australian research to the global market; and
2. commit to support the use of ORCID as a common researcher identifier.

ORCID Working Group: Joint Statement of Principle: ORCID - Connecting Researchers and Research. Canberra; 2015 doi:10.4225/14/552b16efae74b

Australian Government

National Health and Medical Research Council

Australian Research Council

NHMRC and ARC Statement on Open Researcher and Contributor ID (ORCID)

April 2015

The National Health and Medical Research Council (NHMRC) and Australian Research Council (ARC) encourage all researchers applying for funding to have an ORCID identifier.

The applicant profile section of NHMRC's Research Grants Management System (RGMS) was changed in 2014 to allow researchers to include their unique identifier (such as ORCID) when updating their CV and Profile, whilst the ARC is currently considering options for the development of a similar capacity within its Research Management System (RMS 2.0). Universities Australia, the Australasian Research Management Society, and the Council of Australian University Librarians have also endorsed a Joint Statement of Principle to adopt (ORCID), and will continue their collaboration with Australian National Data Service, ARC and NHMRC to progress this work.

https://www.nhmrc.gov.au/_files_nhmrc/file/grants/policy/nhmrc_arc_orcid_statement_april_2015.pdf

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).

Finland

(13 April 2015)

- ORCID will be promoted by integrating it with a variety of services and processes, starting with integration into national federated identity management system
- National coordination managed by the Ministry of Education
- Utilize opt-in process: the researcher creates ORCID identifier
- Implement a national connection service between ORCID and institution identifiers
- Obtain national ORCID group membership

https://confluence.csc.fi/display/tutki/Tutkijan+identifiointi

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Integrator responsibility

① **Integrate data fields** for persistent identifiers for people, places, and things into your systems

② **Collect** persistent identifiers during transactions (using authenticated login, not typing!) AND use APIs to help autofill forms

③ **Incorporate** identifiers into published metadata

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Implementation continuum

Synch integration across organizations

Consortium

Synchronize ORCID Registry with local data

Premium member fee, local DB, IT resources

Connect ORCID to many university systems

Basic or premium member fee, local DB and IT resources

Connect ORCID to one university system

Basic member fee, Member API, requires local DB and IT resources

Capture ORCID using authentication

No fee, Public API, requires local database and IT resources

Researchers register as individuals

No fee, requires internet connection

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ORCID iDs are being embedded in articles

COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING: IMAGING & VISUALIZATION
2015, VOL. 26, NO. 5, 1685-1755
http://dx.doi.org/10.1080/02602938.2015.870530

Taylor & Francis
Taylor & Francis Group

RESEARCH ARTICLE
Part of the forthcoming Special Issue on Taiwan State

OPEN ACCESS

Ab initio intermolecular potential energy surface of Ne···NCCN van derWaals complex: effect of the place of midbond function on the interaction

Mohammad Solimannejad[a], Hamidreza Jouypazadeh[a] and Hossein Farrokhpour[b]

[a]Department of Chemistry, Faculty of Sciences, Arak University, Arak, Iran; [b]Chemistry Department, Isfahan University of Technology, Isfahan, Iran

ABSTRACT

The intermolecular potential energy surface of Ne···NCC
the framework of the counterpoise-corrected supermo
aug-cc-pVDZ basis set extended with a set of midbon
place of midbond function on the accuracy of the calcula

ARTICLE HISTORY

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Journal List > J Korean Med Sci > v.29(2); Feb 2014

Special Article

Open Access

ABSTRACT | ARTICLE | PUBREADER | PDF | FIGURES+TABLES | REFERENCES

J Korean Med Sci. 2014 Feb;29(2):164-171. English.
Published online Jan 28, 2014. http://dx.doi.org/10.3346/jkms.2014.29.2.164

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Prevention of Venous Thromboembolism, 2nd Edition: Korean Society of Thrombosis and Hemostasis Evidence-Based Clinical Practice Guidelines

Soo-Mee Bang,[1,*] Moon Ju Jang,[2,*] Kyoung Ha Kim,[3] Ho-Young Yhim,[4] Yeo-Kyeoung Kim,[5] Seung-Hyun Nam,[6] Hun Gyu Hwang,[7] Sung Hwa Bae,[8] Sung-Hyun Kim,[9] Yeung-Chul Mun,[10] Yang-Ki Kim,[3] Inho Kim,[11] Won-Il Choi,[12] Chul Won Jung,[13] Nan Hee Park,[14] Nam-Kyong Choi,[14] Byung-Joo Park,[15] and Doyeun Oh[2]

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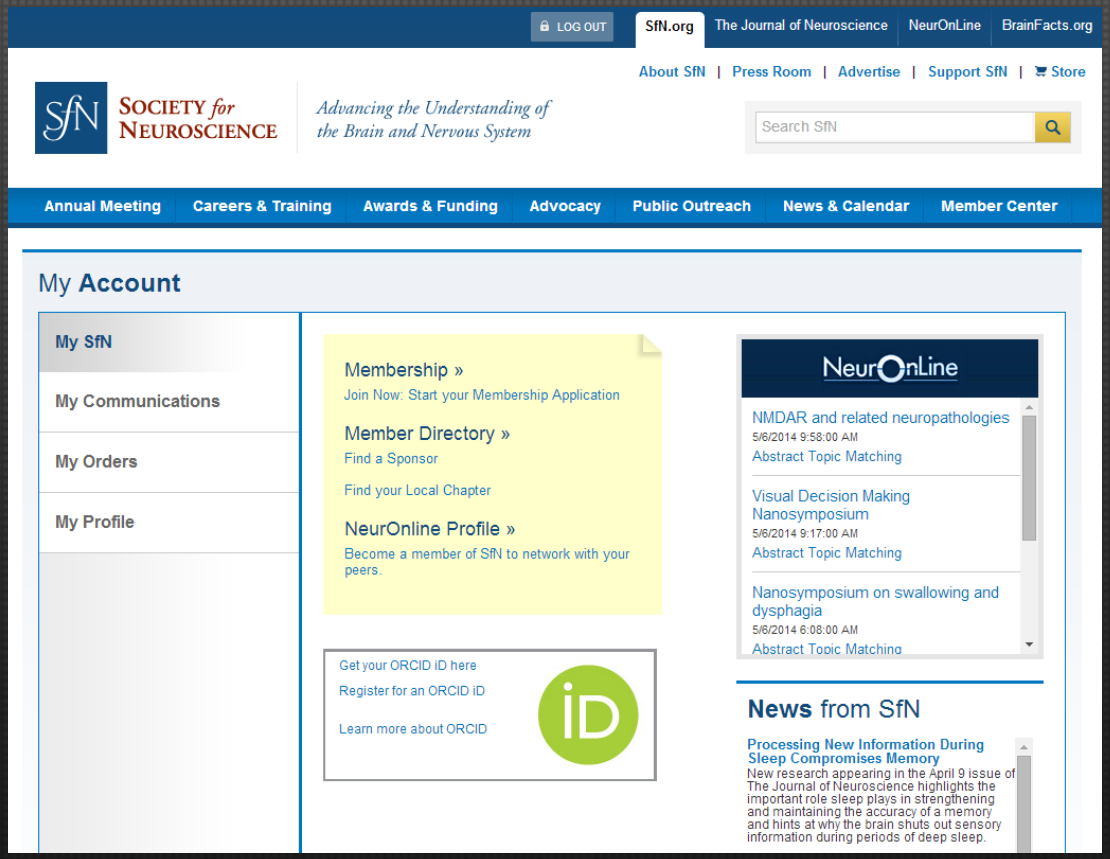
Formats:
- Abstract
- Article
- PubReader
- PDF
- Figures + Tables
- References

Tables:

… and publication search engines …

… association membership systems …

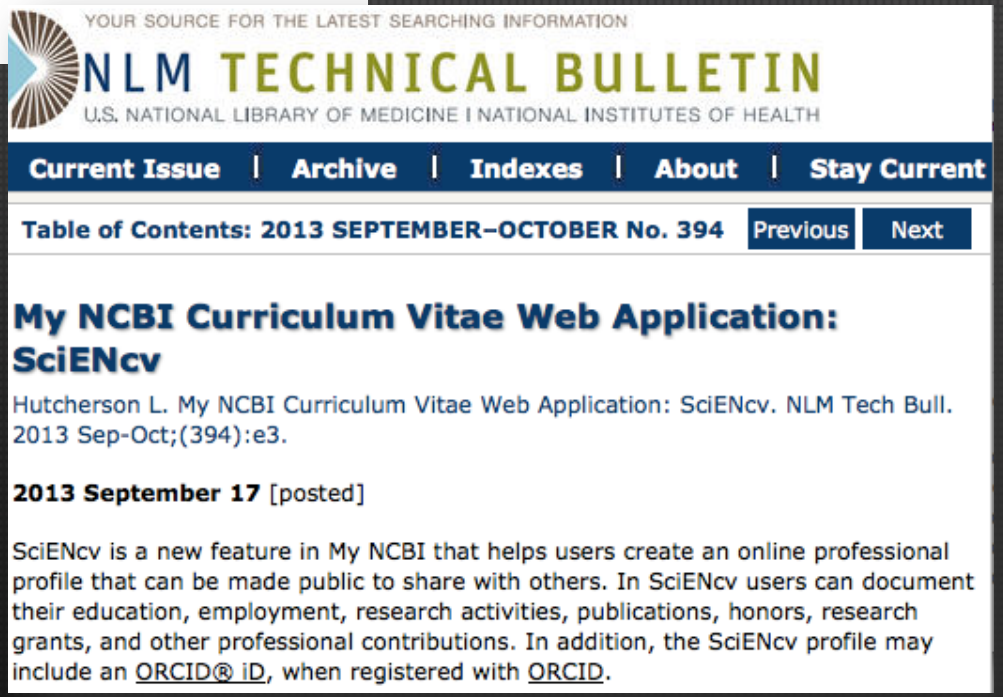


How do I register my ORCID id with the Wellcome Trust?

If you are an existing user of the Wellcome Trusts online application system eGrants, you can verify your existing ORCID id via the 'Your Details' page of your eGrants account.

If you do not have an eGrants account or an ORCID id, you can register for both during the eGrants registration process. Further information can be found in the eGrants User Guide or by contacting eGrants Support.

… and grants…



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NLM TECHNICAL BULLETIN

U.S. NATIONAL LIBRARY OF MEDICINE | NATIONAL INSTITUTES OF HEALTH

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Table of Contents: 2013 SEPTEMBER–OCTOBER No. 394 Previous Next

My NCBI Curriculum Vitae Web Application: SciENcv

Hutcherson L. My NCBI Curriculum Vitae Web Application: SciENcv. NLM Tech Bull. 2013 Sep-Oct;(394):e3.

2013 September 17 [posted]

SciENcv is a new feature in My NCBI that helps users create an online professional profile that can be made public to share with others. In SciENcv users can document their education, employment, research activities, publications, honors, research grants, and other professional contributions. In addition, the SciENcv profile may include an ORCID® iD, when registered with ORCID.

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… datasets …

figshare

your content that is publically available on figshare and can be synced with ORCID is listed below

<< SYNC ALL >>

Send all >>

<< Get all

or select individually below...

ORCID

your content that is publically available on ORCID and can be synced with figshare is listed bellow

Data from Figure 7 from: Measurements of Higgs boson production and couplings in diboson final states with the ATLAS detector at the LHC

2013-09 | data-set

DOI: 10.7484/INSPIREHEP.DATA.A78C.HK44

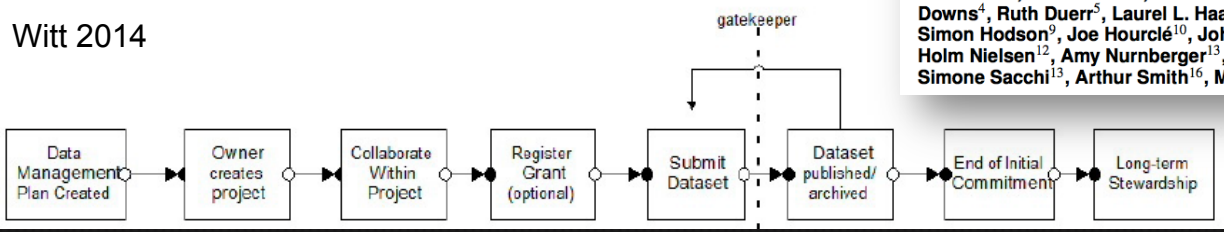
URL: http://dx.doi.org/10.7484/INSPIREHEP.DATA.A78C.HK44

SOURCE: Kyle Cranmer CREATED: 2013-09-11 Preferred source

DataCite

…and data management

Witt 2014



Achieving human and machine accessibility of cited data in scholarly publications

Joan Starr[1], Eleni Castro[2], Mercè Crosas[2], Michel Dumontier[3], Robert R. Downs[4], Ruth Duerr[5], Laurel L. Haak[6], Melissa Haendel[7], Ivan Herman[8], Simon Hodson[9], Joe Hourclé[10], John Ernest Kratz[1], Jennifer Lin[11], Lars Holm Nielsen[12], Amy Nurnberger[13], Stefan Proell[14], Andreas Rauber[15], Simone Sacchi[13], Arthur Smith[16], Mike Taylor[17], and Tim Clark[18]

PeerJ 2015

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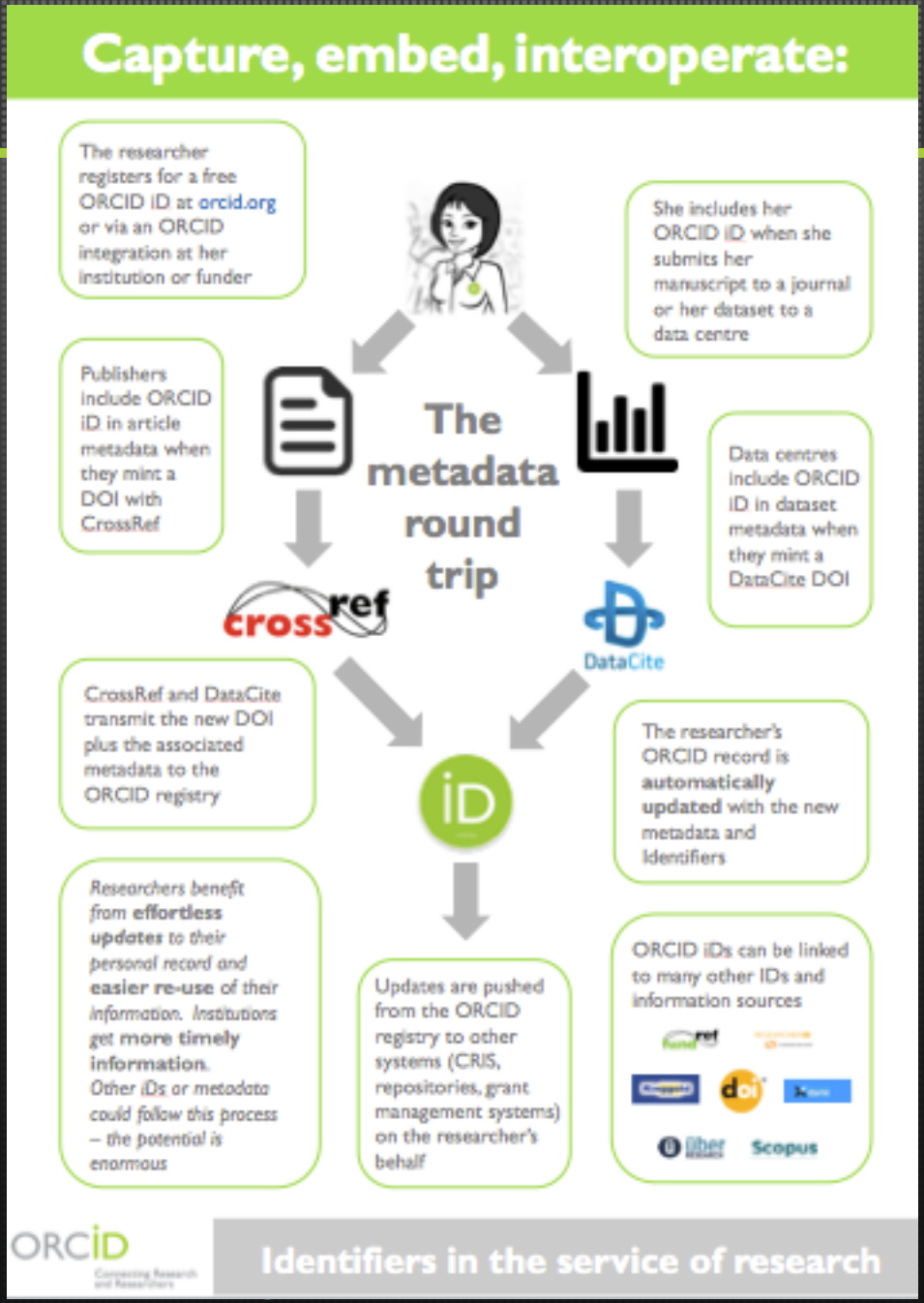
Coming in 2015:

The author can pre-populate submission form fields: preferred name, affiliation, funding

The authenticated iD becomes a part of the paper

Upon publication, the iD is indexed by CrossRef, Scopus, Web of Science, and other services.

Information flows to ORCID and on to linked platforms



Researchers who use their ORCID iD when they publish will not need to manually update their record in ORCID or in connected systems

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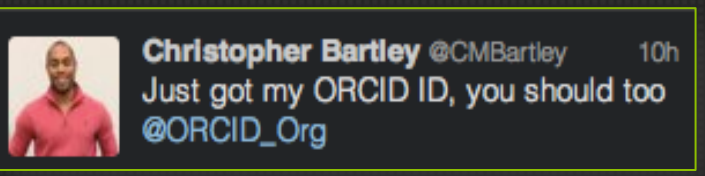
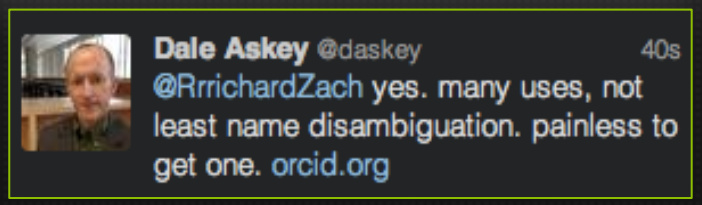
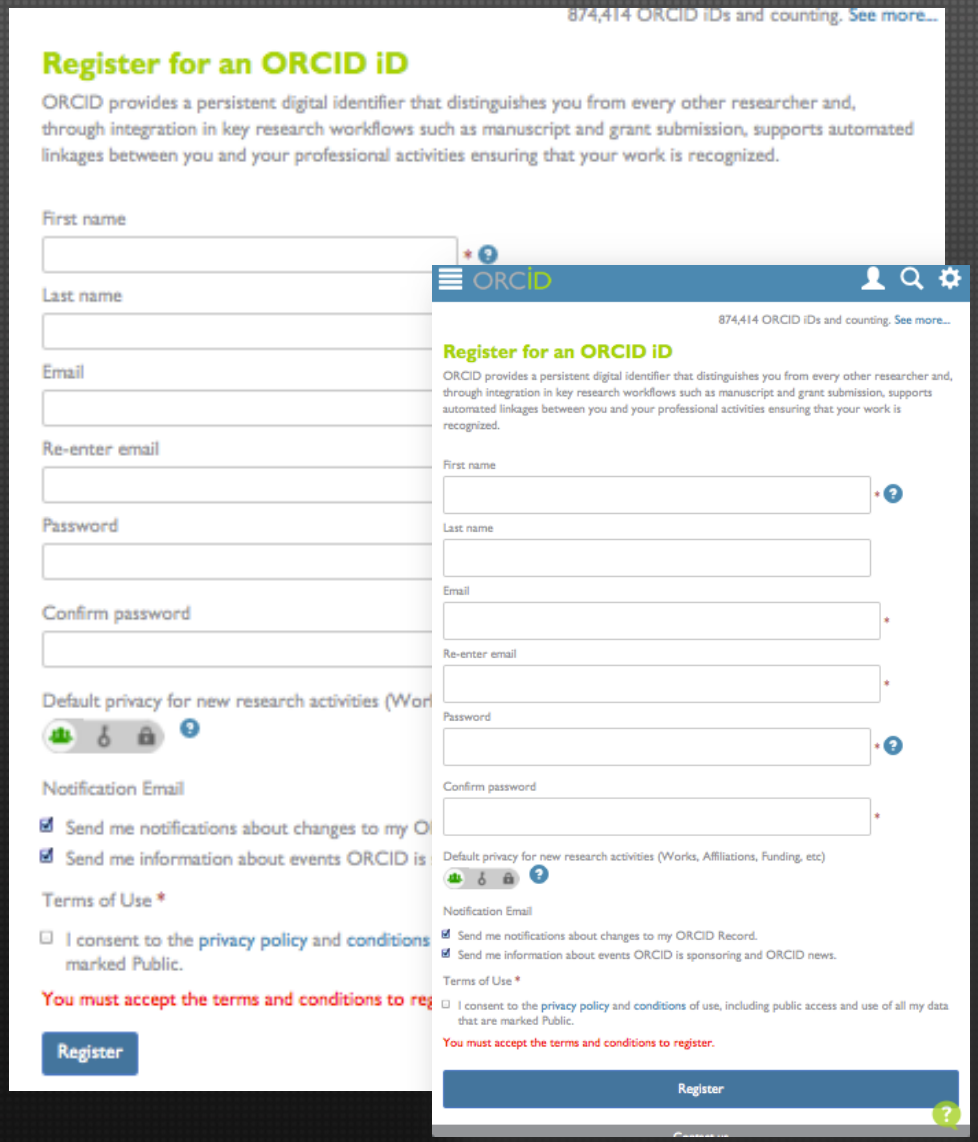
Register for your iD

- Take 30 seconds to register at http://orcid.org/register
- Free to researchers
- Individual owns the record and controls privacy settings
- Works on laptops, tablets, and phones







More information

- Find out more at http://orcid.org
- Subscribe to our blog at http://orcid.org/about/news
- Follow @ORCID_Org on Twitter
- Contact the ORCID Executive Director at l.haak@orcid.org

Appendix

- Governance
- Privacy
- How does ORCID work

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ORCID Governance

- **Data Governance:** ORCID is committed to maintaining persistence of the ORCID identifier Registry and data in its charge.
- **Organization Governance:** ORCID is governed by an elected Board of Directors, majority non-profit, drawn from and representative of ORCID member organizations. Governance documents are posted online.
- **Community Involvement:** ORCID has Steering and Working Groups and an Ambassador program open to the research community.
- **Staff:** ORCID operations are managed by a full time staff.

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Privacy

- Individual creates and modifies record using opt-in process
- Individual can grant access to record (read/write/update privileges) to other trusted individuals or organizations, and can also revoke privileges
- Only ORCID members can serve as trusted organizations
- Privacy policy and practices reviewed by an external organization
- Certified compliance with Safe Harbor guidelines

How does ORCID work?

- Registry allows researchers to connect to existing works and affiliations
- Members build integrations to connect researchers to new works and affiliations

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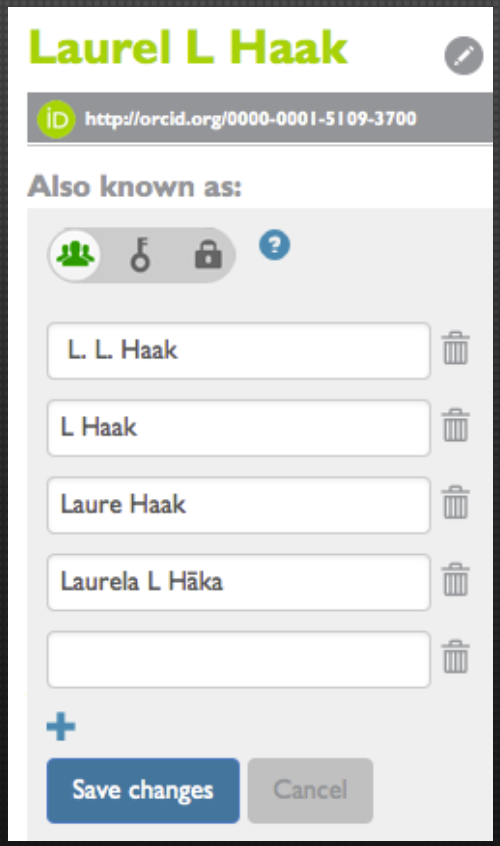
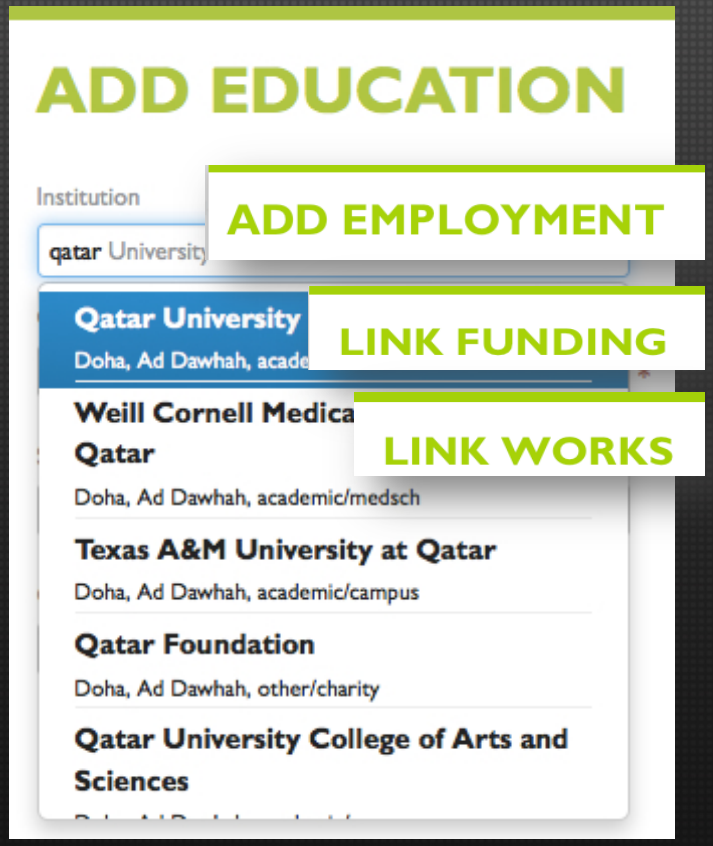
Getting started

Use free tools to connect your ORCID identifier to your name variations, other IDs, affiliations, and existing works and funding





Link to existing works

ORCID has been working with many member organizations to make it easy to connect your ORCID iD, and link information from their records. Choose one of the links wizards to get started.

Airiti
Enables user to import metadata from Airiti, including journal papers, proceedings, dissertations and books. Scholars can easily collect and calculate all the research works that have been published. 研究者可匯入華藝所收錄的學術資源，包括兩岸三地的期刊論文、學位論文、會議論文集等內容，迅速蒐羅學術生涯中所有的書寫姓名及完整作品，讓研究活動及成果獲得正確地引用，且更快速梳理並展現個人的研究影響力，將華文地區優秀學者及高品質研究推廣至國際。

Australian National Data Service (ANDS) Registry
Import your research datasets into ORCID from Australian National Data Service (ANDS) and Research Data Australia (RDA). ANDS is partnering with Australian research institutions and data producing agencies to improve discovery and reusability of research data across many research domains from earth science to technology and engineering.

CrossRef Metadata Search
Search CrossRef's comprehensive metadata on journal articles, conference proceedings and monographs. Easily add s

DataCite search and link
Search the DataCite Metadata Store to find your research datasets, images and other works. Then claim them by adding the

Europe PubMed Central
Europe PubMed Central (Europe PMC) allows you to link everything in Europe PMC to your ORCID. Europe PMC contains all of PubMed, 500K records from Agricola that cannot be found in PubMed, 4 mill share with PMC in the USA.

ISNI2ORCID search and link
Enables user to search the ISNI registry by name and link ISNI records to his ORCID profile as an external identifier.

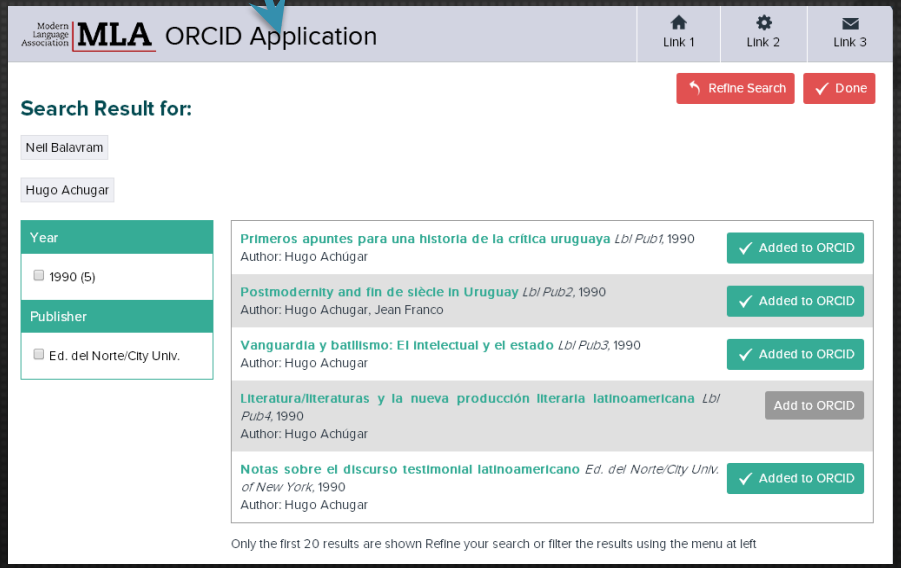
ResearcherID
ResearcherID is a global, multi-disciplinary scholarly research community where members can register for unique identifier, build a profile of their scholarly works, view citation metrics,and search for like-minded researchers.

Scopus to ORCID
Import your Identifier, profile and publications. The wizard helps you find the correct Scopus profile and to confirm your publications. You can then import the identifier and list of publications into ORCID. Any changes you make will be submitted to the Feedback team to update your Scopus profile.

Don't see what you are looking for? You can connect your ORCID iD to many other organizations and sites. See our Member Integration Page to find more connections.

Researchers can connect to existing works and push ORCID iD into indexes including Web of Science, Scopus, and Europe PubMedCentral

Connect your ORCID iD to existing works by using tools in ORCID interface or in external platforms



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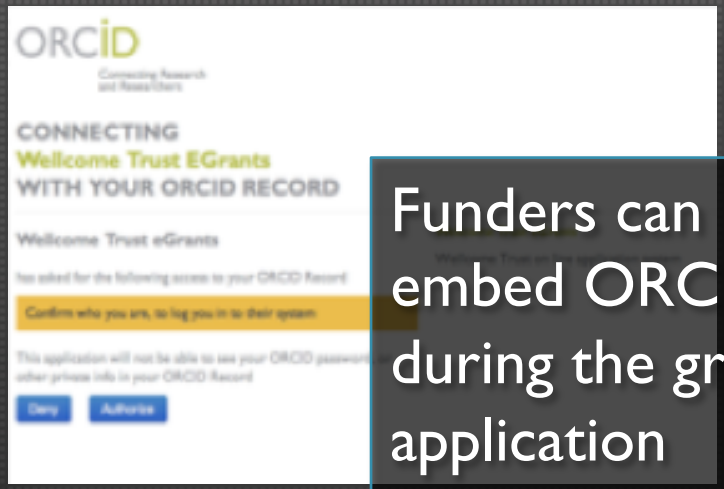
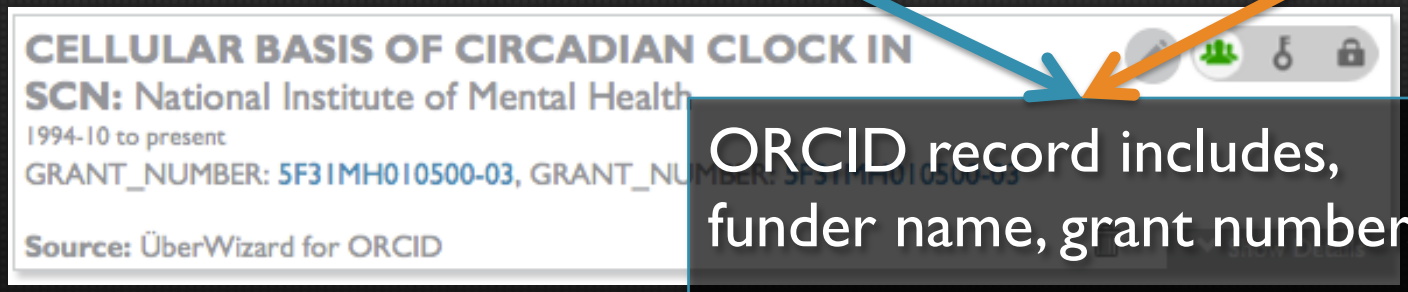
Updating award information



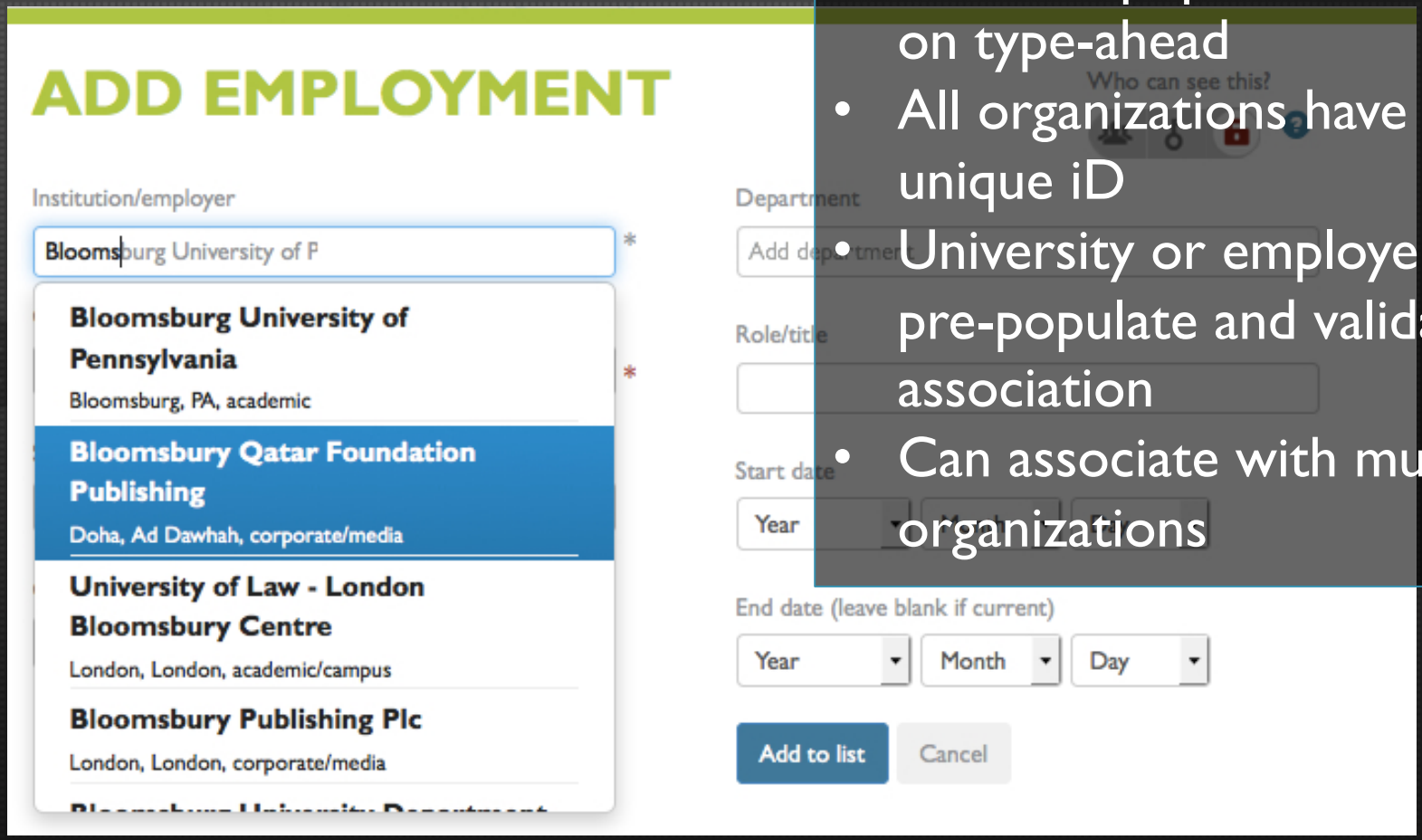
Funders can embed ORCID iD during the grant application workflow

Researchers can connect to existing projects AND can receive updates when grant awarded



ORCID record includes, funder name, grant number, source, source provenance

Link to organization



- List auto-populates based on type-ahead
- All organizations have unique iD
- University or employer can pre-populate and validate association
- Can associate with multiple organizations