



Connecting Research
and Researchers

ORCID: supporting research, communication, administration and evaluation

CRUI, Roma, May 7 2015

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What are standard identifiers?

- Numeric or alpha-numeric **persistent** designations associated with a single entity
- Entities can be an **institution, person**, or piece of **content**

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OPEN ACCESS
PERSPECTIVE

Home Blood Pressure Monitoring: New Evidence for an Expanded Role

Mark Caulfield 

Published: January 21, 2014 • DOI: 10.1371/journal.pmed.1001592

Toshihiro Tanaka

 <http://orcid.org/0000-0001-6201-9784>

Other IDs:
Scopus Author ID: 55531687900

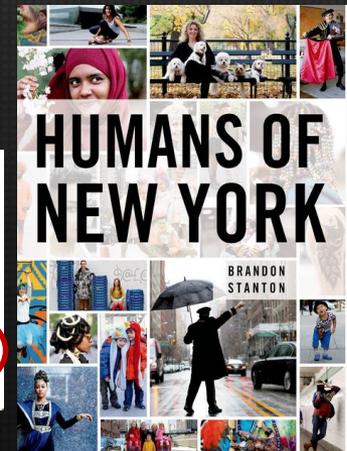


ISNI: 0000 0000 9203 8970
Name: Saint Martin's Press (For Profit Corporation)
St. Martin's Press
Creation class: Language material
Creation role: originator

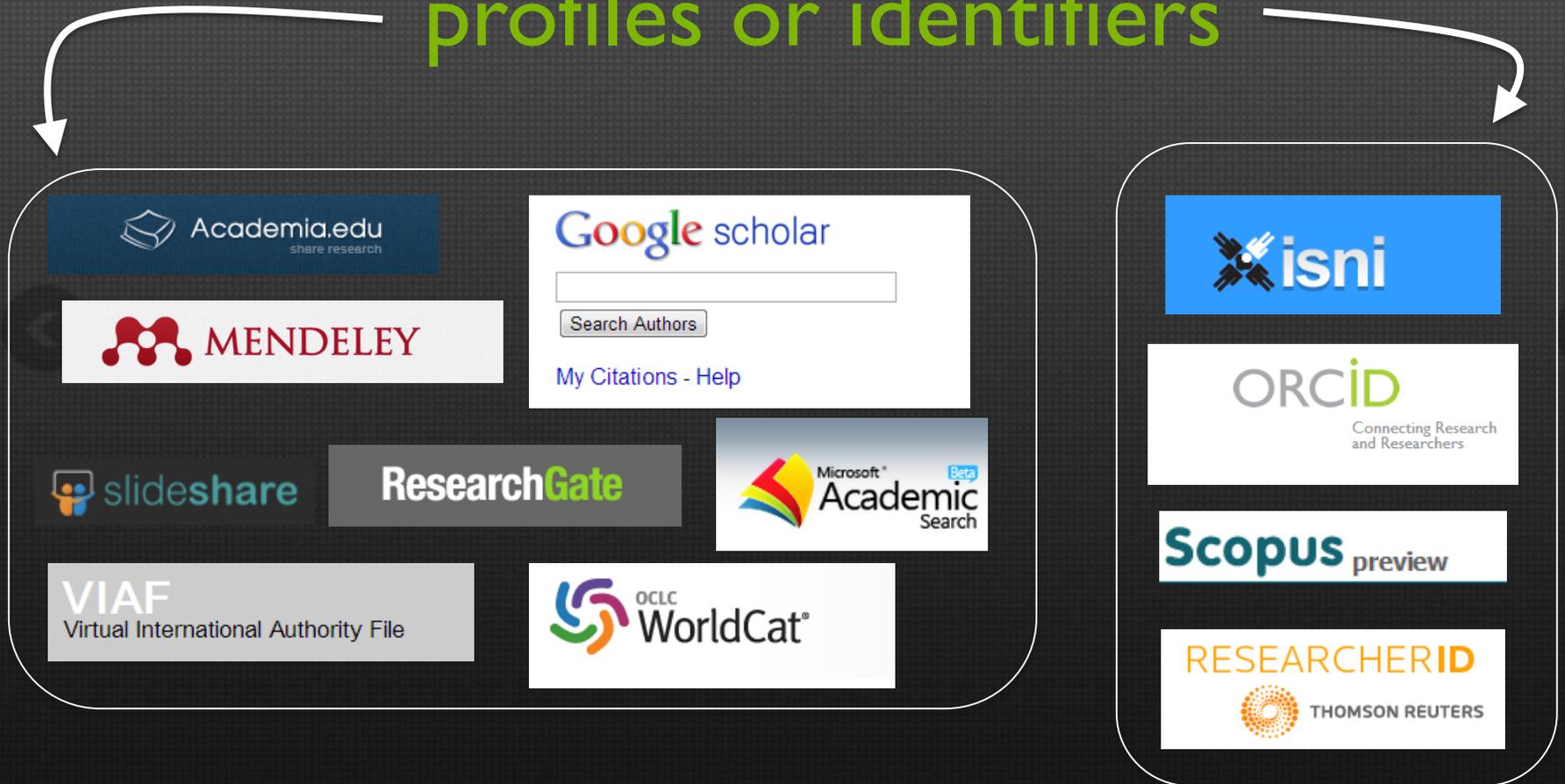


Product Details

Hardcover: 304 pages
Publisher: St. Martin's Press;
Language: English
ISBN-10: 1250038820
ISBN-13: 978-1250038821



One researcher may have many profiles or identifiers



What do IDs do, exactly?

- ① Enable machine readability
- ② Disambiguate and enforce uniqueness
- ③ Enable linking and data integration

Persistent identifiers provide a
simple basis for digital data governance

Name Ambiguity Is a Problem

- Shared names
- Different versions (full name vs. initials)
- Transliteration
- Name changes
- Accents



Ted Hart @DistribEcology

31s

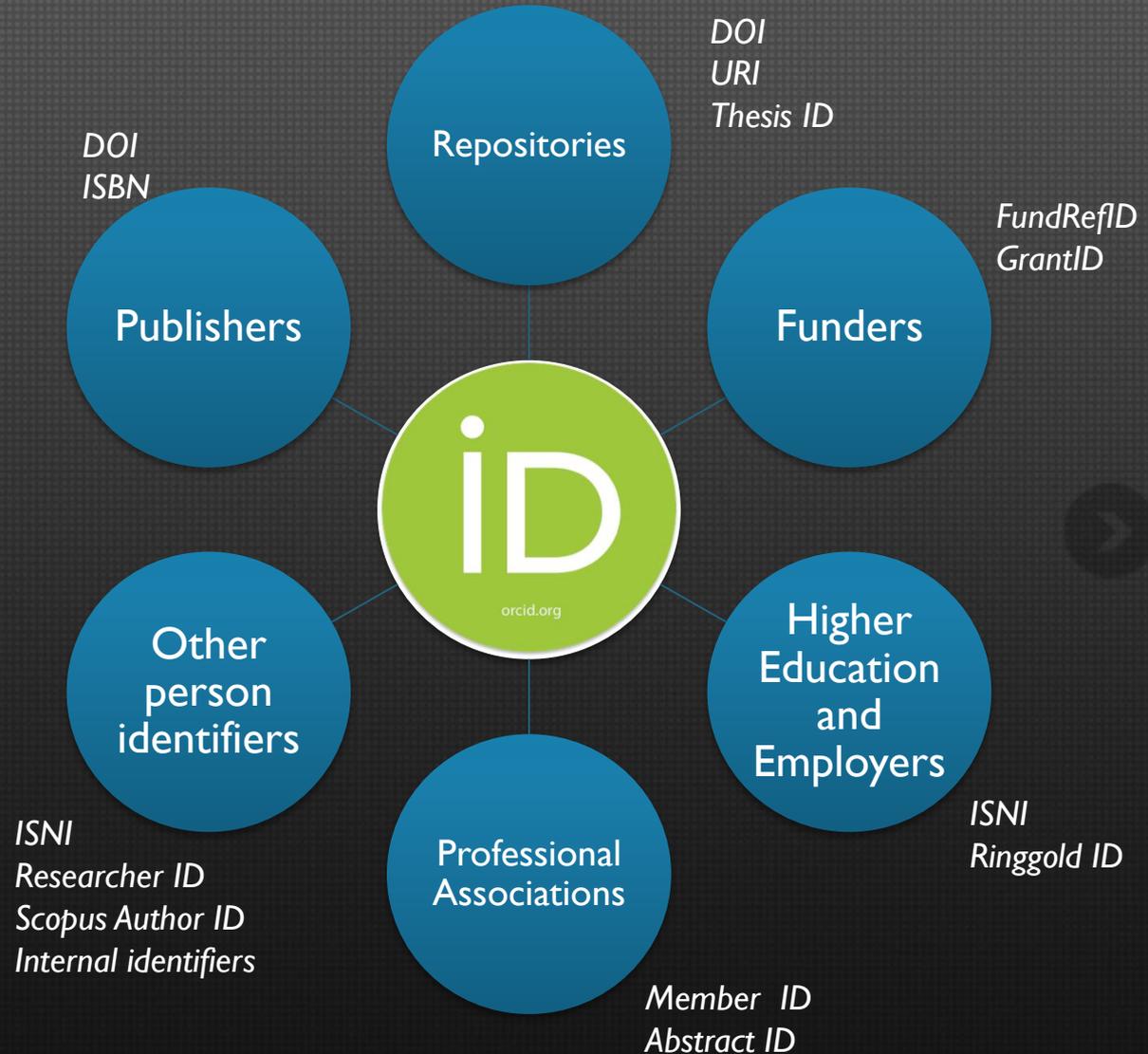
An easy case for just using an ORCID as my name is T. Hart, E. Hart and E. M. Hart on publications I've discovered.

王伟
王薇
王维
王蔚
汪卫
汪玮
汪威
汪巍

- ORCID is an interdisciplinary effort
- We have an international scope
- ORCID provides a foundation for services that improve scholarly communications for *all researchers*

APIs enable connections between:

- works
- researchers
- organizations
- other IDs



- Free, non-proprietary registry of persistent unique public identifiers for researchers
- Supported by member fees

Laurel L Haak

 <http://orcid.org/0000-0001-5109-3700>

Also known as:

L Haak, Laure Haak, L. L. Haak, Laur

Country:

US

Keywords:

persistent identifiers, research polic
oligodendrocytes, circadian rhythms

Websites:

[LinkedIn](#)

Other IDs:

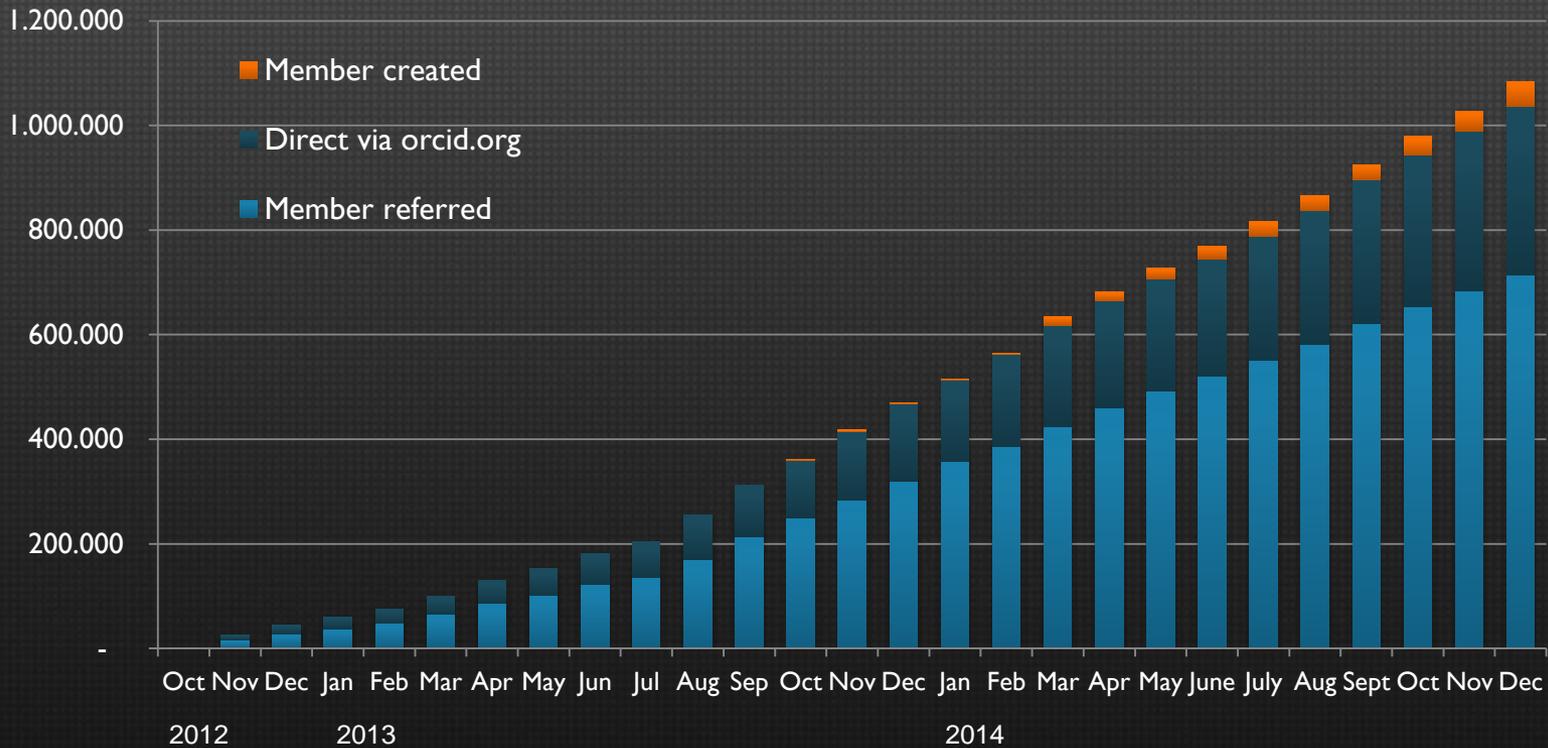
ISNI 0000000138352317 

ResearcherID C-4986-2008 

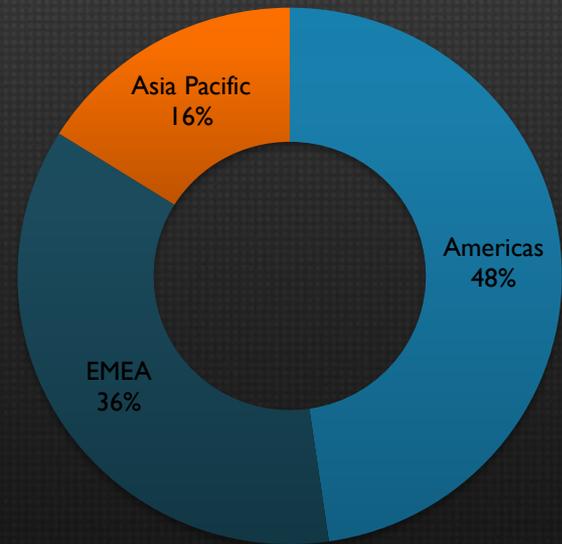
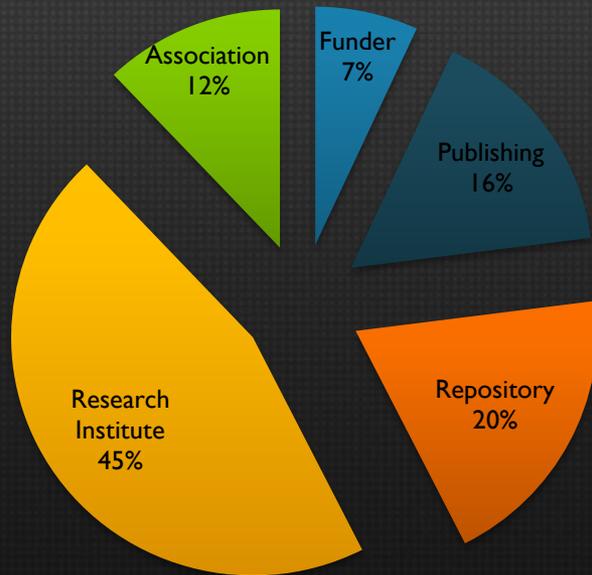
Scopus Author ID 6602258586 

Adoption by researchers

Over 1.3 million researchers have registered for an ORCID identifier.



Over 195 members and 100 integrations in every region and sector of the international research community.



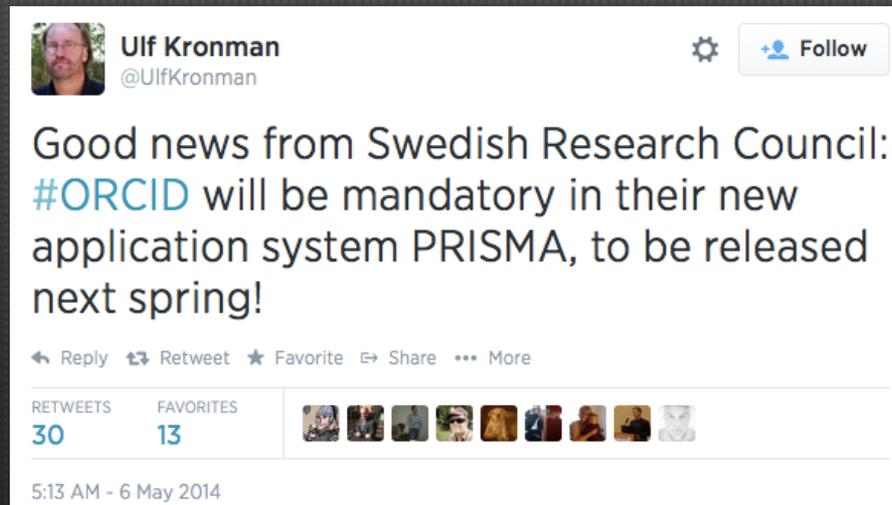
There are 33,123 ORCID records with an Italian affiliation.

There are more than 500 universities, schools, departments and research institutes linked to these records.

Italian visits to ORCID registry



- Sweden



Projektets sammanfattning och rekommendationer

- ORCID ska vara den standard som används för hantering av författaridentifikatorer i SwePub och publiceringsdatabaser.



<http://openaccess.blogg.kb.se/2013/01/30/slutrapport-fran-projekt-forfattaridentifikatorer/>

- **Denmark**

- Consortial agreement
- Implementing in PURE
- Goal of 80% registration



ORCID
Connecting Research
and Researchers

Member
Organization

Hvad er ORCID? Fordele ved ORCID Få et ORCID forsker ID Support i Danmark Implementering af ORCID i Danmark

ORCID kæder forskere og forskning
sammen

English
Dansk

- **Australia**

- Released a “Joint Statement of Principle” endorsing national adoption of ORCID
- Supported by universities, research administrators, libraries and research data
- Cites **reduced red tape**, improved **data quality** and **increased global visibility**

<http://www.andis.org.au/discovery/orcid-discussion-paper20150306.pdf>

• UK

- Jisc and ARMA funded 8 projects to test the benefits of ORCID implementation (Report due soon!)
- Research Councils UK recommended ORCID iDs for grant applications
- Valuable for Open Access
- Consulting on setting up a national consortium

<http://www.jisc-collections.ac.uk/ORCID-consultation/>

- **Finland**



- Linking ORCID iDs to the national federated identity management system
- **Improving re-use** of data (reduce re-keying)
- **Enhancing visibility** of researchers

- **Others**

- **Spain** – four large consortia
- **Austria** – Linked to FWF grant management system
- **Norway** – exploring integration with national CRIS
- **Portugal** – Nationwide call for researchers to register with ORCID

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

Interoperability requires international collaboration

- **CASRAI:** ORCID metadata reflects the standard terms and record formats advanced in the CASRAI dictionary. In addition to a Research Personnel Profile specification CASRAI is also advancing additional person-related profiles (CVs, Funding Applications, Impact Reports, etc.) that can be associated with an ORCID identifier.
- **DataCite:** ORCID (through the ODIN Project) has implemented a search and link tool to associate data in DataCite with ORCID records; DataCite has updated their metadata standard to include ORCID for contributors.
- **euroCRIS:** ORCID metadata structure is consistent with EuroCRIS CERIF ontologies, and CERIF includes an ORCID identifier.
- **Force 11:** ORCID supports the Force 11 Resource Identification initiative to create a data exchange standard identifiers for research resources.
- **Global Alliance for Genomics and Health:** ORCID supports the GARD project for the ethical use, exchange, and citation of clinical and genomics data.
- **ISNI:** ORCID supports interoperability with ISNI, uses ISNI organization identifiers. Cooperation and dialog between the organizations is essential.
- **Research Data Alliance:** ORCID is participating as a member of the Research Data Alliance Persistent Identifier Interest Group, and on the Federated Identity Initiative.

crossref & orcid

CrossRef is pleased to announce that it is participating in the recently launched Open Researcher and Contributor ID (ORCID Inc.) initiative to create an unambiguous identifier for scholarly and professional researchers.

Our members will be aware that CrossRef has been exploring the possibility of creating an "author DOI" or "contributor ID" system. In doing so, it has become clear that the issues and use-cases involved in identifying researchers span a broad collection of stakeholders including libraries, institutions, funders, publishers and, of course researchers themselves. In short, this is not primarily "a publisher problem." As such, we believe that the ORCID approach to creating an inclusive and open organization representing all the stakeholders in the scholarly communications process represents the best chance of creating a successful contributor identification system.

For ten years the CrossRef DOI has allowed researchers, librarians and publishers to unambiguously identify published scholarly literature. We believe that the next step toward creating a robust and persistent scholarly record is to develop a similar mechanism for unambiguously crediting researchers for their scholarly contributions. We look forward to working with the ORCID members to make this happen.

The screenshot shows the ISNI website header with navigation links: Home, News, ISNI Community, ISNI Registration Agencies, Search ISNI, and Do you... Below the header is a breadcrumb trail: You are here: Home » News » Admin's blog / ORCID to begin using Ringgold as Registration Agency. The main headline reads: **ORCID to begin using Ringgold as Registration Agency**. Below the headline is a sub-headline: *ORCID is to begin using Ringgold as Registration Agency for ISNI Institutional Identifiers to support the accurate and persistent identification of researcher institutional affiliations.*



Home » About » Announcements »

ORCID & CASRAI Kick-off New Standards Project on 'Peer Review Services'

Further, we are pleased that CHORUS and SHARE have included ORCID identifiers as a key component of their systems to facilitate public access to research funded by US government research agencies. ORCID actively supports organizations that promote integration of ORCID IDs. Some ORCID Board members are independently involved in both projects in a variety of capacities. For more on ORCID integration into these systems, see the [CHORUS](#) and [SHARE](#) Websites.

- 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



Christopher Bartley @CMBartley 10h
Just got my ORCID ID, you should too
@ORCID_Org



Dale Askey @daskey 40s
@RrichardZach yes. many uses, not
least name disambiguation. painless to
get one. orcid.org

874,414 ORCID IDs and counting. [See more...](#)

Register for an ORCID ID

ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized.

First name

Last name

Email

Re-enter email

Password

Confirm password

Default privacy for new research activities (Works, Affiliations, Funding, etc)

Notification Email

Send me notifications about changes to my ORCID Record.

Send me information about events ORCID is sponsoring and ORCID news.

Terms of Use *

I consent to the [privacy policy](#) and [conditions of use](#), including public access and use of all my data that are marked Public.

You must accept the terms and conditions to register.

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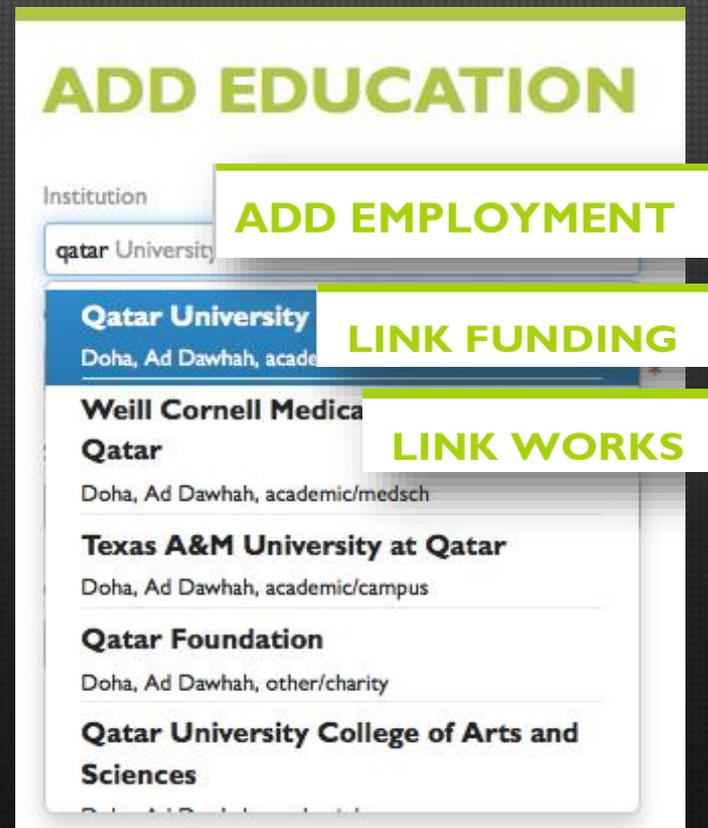
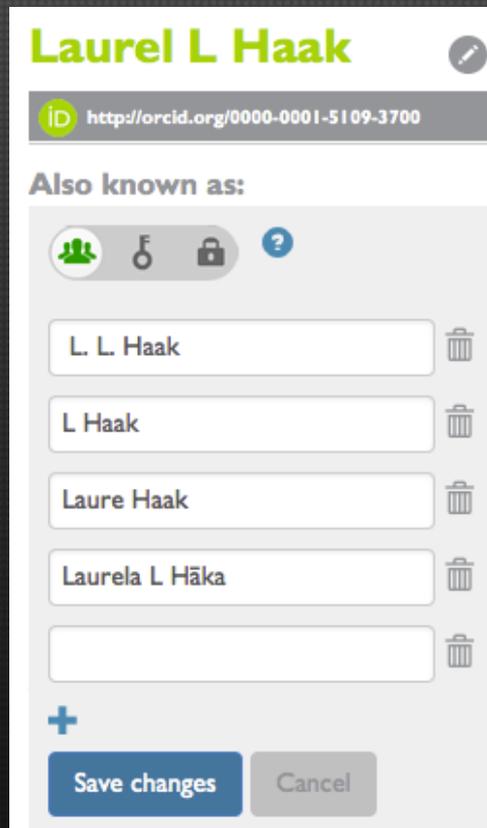
Send me information about events ORCID is sponsoring and ORCID news.

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You must accept the terms and conditions to register.

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



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 database of journal articles, proceedings and monographs. Easily add search results to your ORCID profile.

DataCite search and link

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

Europe PubMed Central

Europe PubMed Central (Europe PMC) contains all of PubMed's 500K records from Agricola that cannot be found in PubMed, 4 million records from Europe PMC. It is a free share with PMC in the USA.

ISNI2ORCID search and link

Enables user to search the ISNI records 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

Link to existing works

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

Modern Language Association **MLA** ORCID Application

Home Link 1 Settings Link 2 Email Link 3

Refine Search Done

Search Result for:

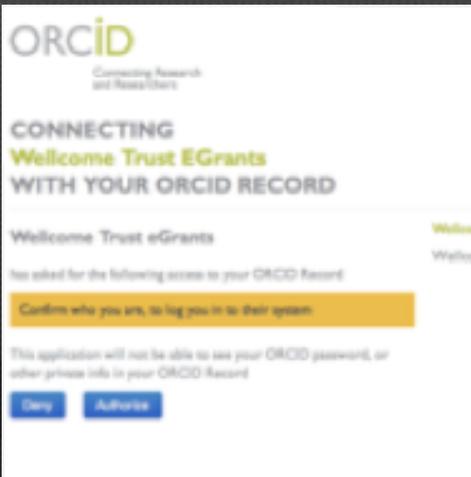
Neil Balavram

Hugo Achugar

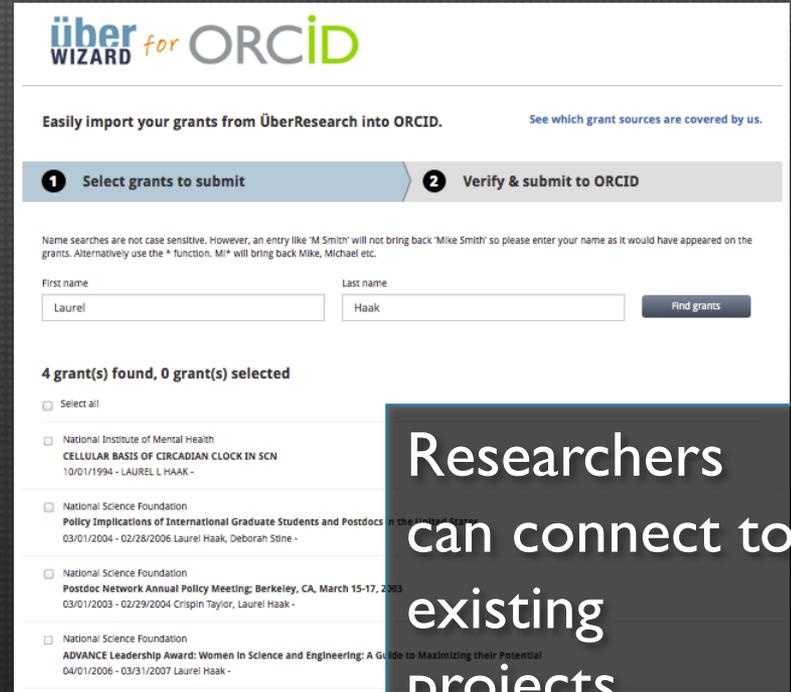
Year	Publisher	Search Results
1990 (5)	Ed. del Norte/City Univ.	<p>Primeros apuntes para una historia de la crítica uruguaya <i>Lb1 Pub1</i>, 1990 Author: Hugo Achugar <input checked="" type="checkbox"/> Added to ORCID</p> <p>Postmodernity and fin de siècle in Uruguay <i>Lb1 Pub2</i>, 1990 Author: Hugo Achugar, Jean Franco <input checked="" type="checkbox"/> Added to ORCID</p> <p>Vanguardia y batllismo: El intelectual y el estado <i>Lb1 Pub3</i>, 1990 Author: Hugo Achugar <input checked="" type="checkbox"/> Added to ORCID</p> <p>Literatura/literaturas y la nueva producción literaria latinoamericana <i>Lb1 Pub4</i>, 1990 Author: Hugo Achugar <input type="checkbox"/> Add to ORCID</p> <p>Notas sobre el discurso testimonial latinoamericano <i>Ed. del Norte/City Univ. of New York</i>, 1990 Author: Hugo Achugar <input checked="" type="checkbox"/> Added to ORCID</p>

Only the first 20 results are shown Refine your search or filter the results using the menu at left

Link to awarded projects



Funders can embed ORCID during the grant application workflow



Researchers can connect to existing projects

CELLULAR BASIS OF CIRCADIAN CLOCK IN SCN: National Institute of Mental Health

1994-10 to present

GRANT_NUMBER: 5F31MH010500-03, GRANT_NUMBER: 5F31MH010500-03

Source: ÜberWizard for ORCID

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

ADD EMPLOYMENT

Institution/employer *

Bloomsburg University of P

**Bloomsburg University of
Pennsylvania**

Bloomsburg, PA, academic

**Bloomsbury Qatar Foundation
Publishing**

Doha, Ad Dawhah, corporate/media

**University of Law - London
Bloomsbury Centre**

London, London, academic/campus

Bloomsbury Publishing Plc

London, London, corporate/media

Bloomsburg University Department

Department

Add department

Role/title

Start date

Year

End date (leave blank if current)

Year

Month

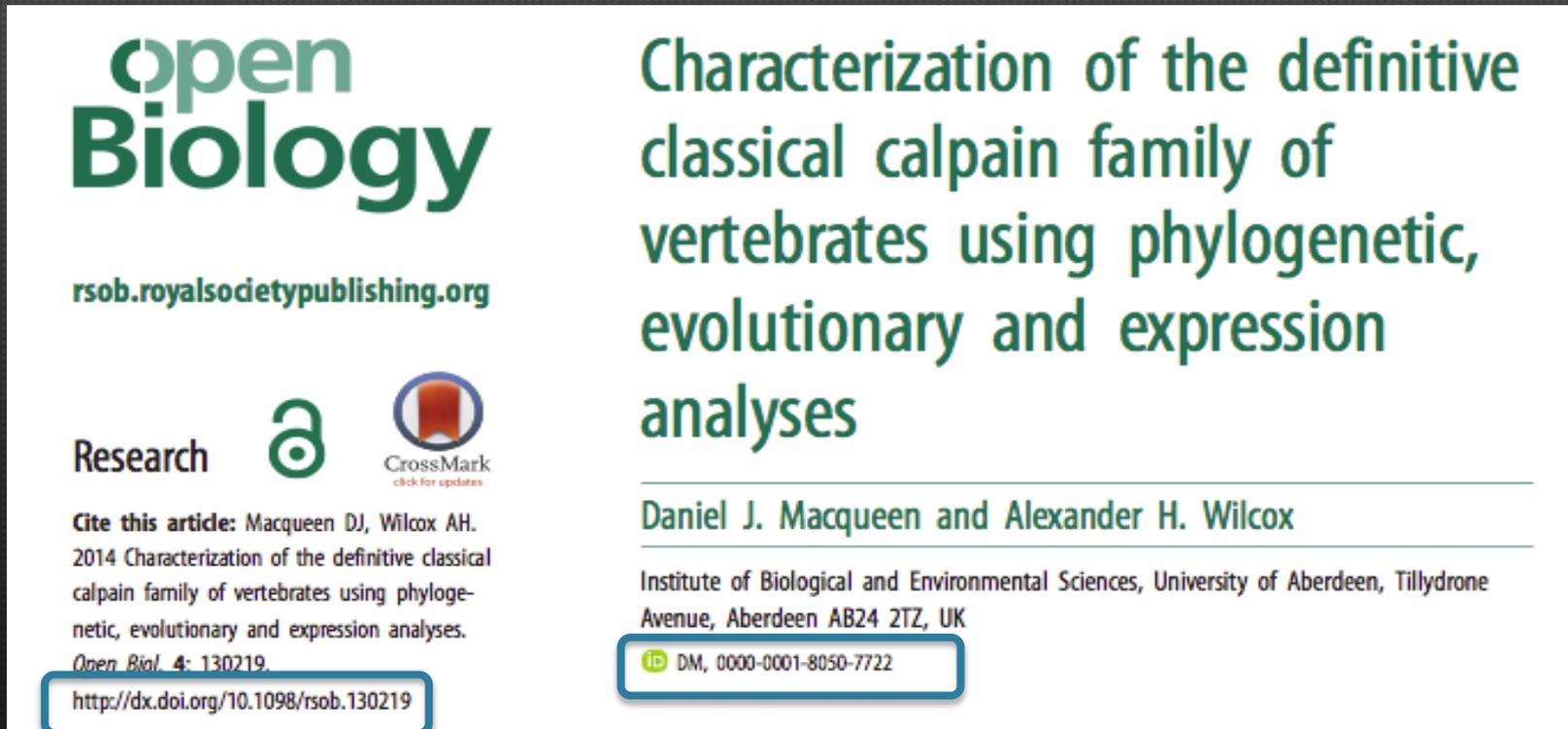
Day

Add to list

Cancel

- 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

Identifiers are being embedded in articles



The image shows a screenshot of an article page from Open Biology. The page layout includes the journal logo, title, authors, and citation information. Two blue boxes highlight specific identifiers: a DOI and an ORCID iD. Blue arrows point from the labels 'DOI' and 'ORCID' at the bottom of the slide to these highlighted boxes.

**open
Biology**
rsob.royalsocietypublishing.org

Research   CrossMark
click for updates

Cite this article: Macqueen DJ, Wilcox AH.
2014 Characterization of the definitive classical
calpain family of vertebrates using phyloge-
netic, evolutionary and expression analyses.
Open Biol. 4: 130219.

<http://dx.doi.org/10.1098/rsob.130219>

**Characterization of the definitive
classical calpain family of
vertebrates using phylogenetic,
evolutionary and expression
analyses**

Daniel J. Macqueen and Alexander H. Wilcox

Institute of Biological and Environmental Sciences, University of Aberdeen, Tillydrone
Avenue, Aberdeen AB24 2TZ, UK

 DM, 0000-0001-8050-7722

DOI

ORCID

- DataCite
- DSpace (UMissouri)
- DSpace-CRIS (CINECA)
- ePrints (UBern)
- EThOS (British Library)
- HUBzero (U Notre Dame)
- Hydra/Fedora (Purdue)
- InSPIRE (CERN)
- Vireo (Texas A&M)
- Reactome

More at
<http://orcid.org/blog/2014/03/10/orcid-repositories-and-researchers>

Got an ORCID? Import your publications

Good luck to all those who responded to the JISC call for ORCID pilot projects.

Looking for inspiration and/or code examples? EPrints Services developer Peter West has created an 'Import from ORCID' plugin which is now available from the EPrints Bazaar.

<http://wiki.eprints.org/w/ImportFromORCID>



Table 3: Expanded DataCite Mandatory Properties

ID	DataCite-Property			
1	Identifier			
1.1	identifierType			
2	Creator			
2.1	creatorName			
2.2	nameidentifier	0-1	Uniquely identifies an individual or legal entity, according to various schemes.	The format is dependent upon scheme.
2.2.1	nameidentifierScheme	1	The name of the name identifier scheme.	If nameidentifier is used, nameidentifierScheme is mandatory. Examples: ORCID ¹² , ISNI ¹³ ,

Jon Tennant
@Protohedgehog

Science win! You can now integrate your thesis/dissertation with @ORCID_Org #PhDchat orcid.org/blog/2014/03/2... #openscience #openaccess

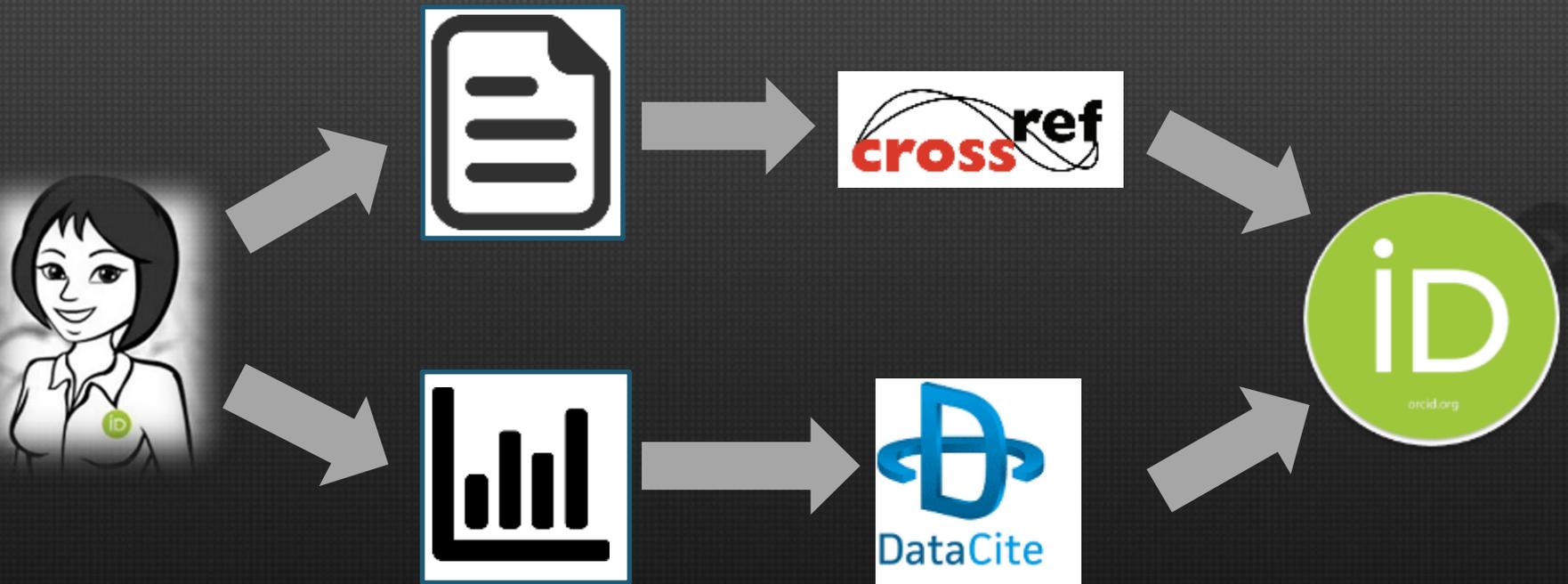
01:41 PM - 27 Mar 14

Follow

PLOS Biology @PLOSbiology 23d

We want public archiving of all data, but how can we encourage this? @datadryad @figshare @orcid #PLOSbiology Persp plos.io/1iKAIXk

The metadata “round trip” enables auto-updates for systems linked to the ORCID registry



- Over 180,000 articles have been submitted to CrossRef with an associated ORCID iD
- These will start to flow into the ORCID registry before the end of the year
- ***Researchers who use their ORCID iD when they publish will not need to manually update their record in ORCID or in connected systems***

- ❖ **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.
- ❖ In addition to the Board of Directors, 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.

If you have questions, now or in the future:

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<http://orcid.org>

<http://orcid.org/0000-0002-8689-4935>