ORCID

Connecting Research and Researchers

Your Work is Distinctive. What about your Name?

University of Pretoria
28 October 2015

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What is the problem?

The research community has lacked the ability to link researchers and scholars with their professional activities.

- Discoverability within and across databases
- Author, grantee, and faculty record management
- Output tracking
- Research reporting and impact assessment

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Algorithms not enough

- Different versions (full name vs. initials)
- Shared names
- Transliteration
- 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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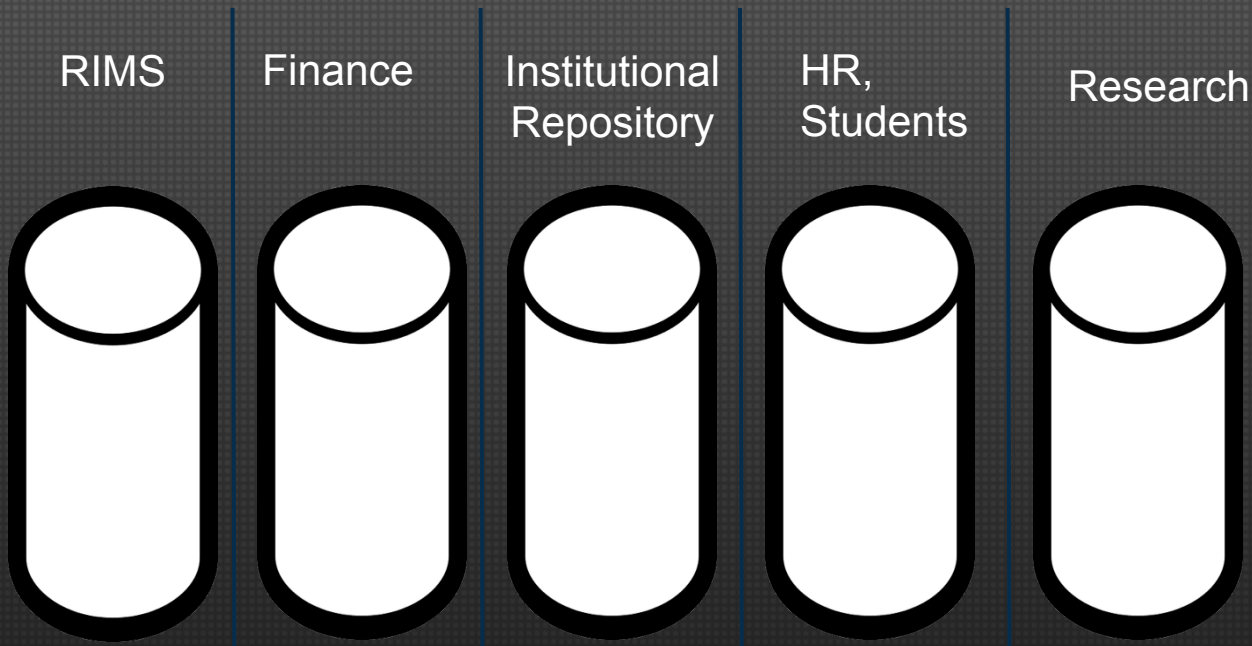
Silo Systems



Interoperability???

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What is ORCID?

ORCID provides a persistent digital identifier 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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Point of clarity

ORCID is not a profile system

ORCID provides a simple basis for digital data governance through interoperable systems and the use of a persistent identifier

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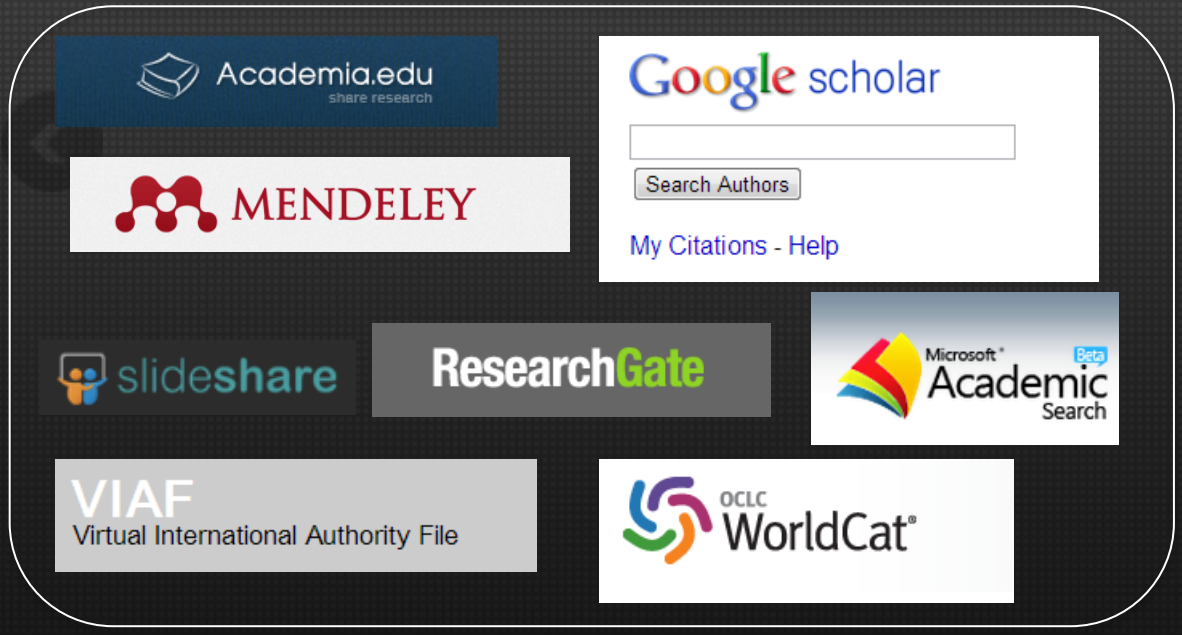
Key partners

ORCID integrates with profiles and iD systems (key partners not competitors)



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Researcher Responsibility

To benefit, researchers need only do 2 things

① Register for an iD
② Use it!

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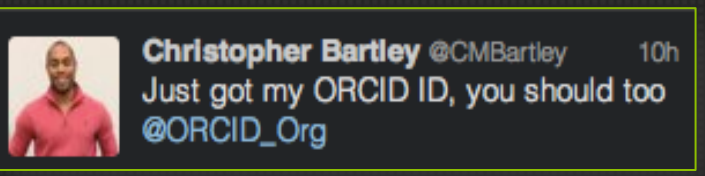
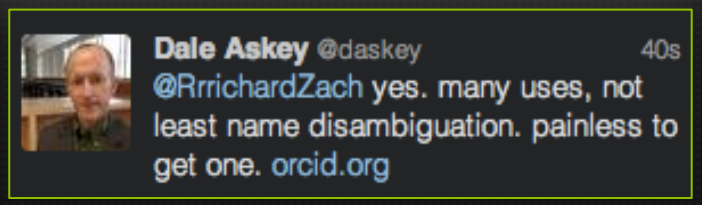
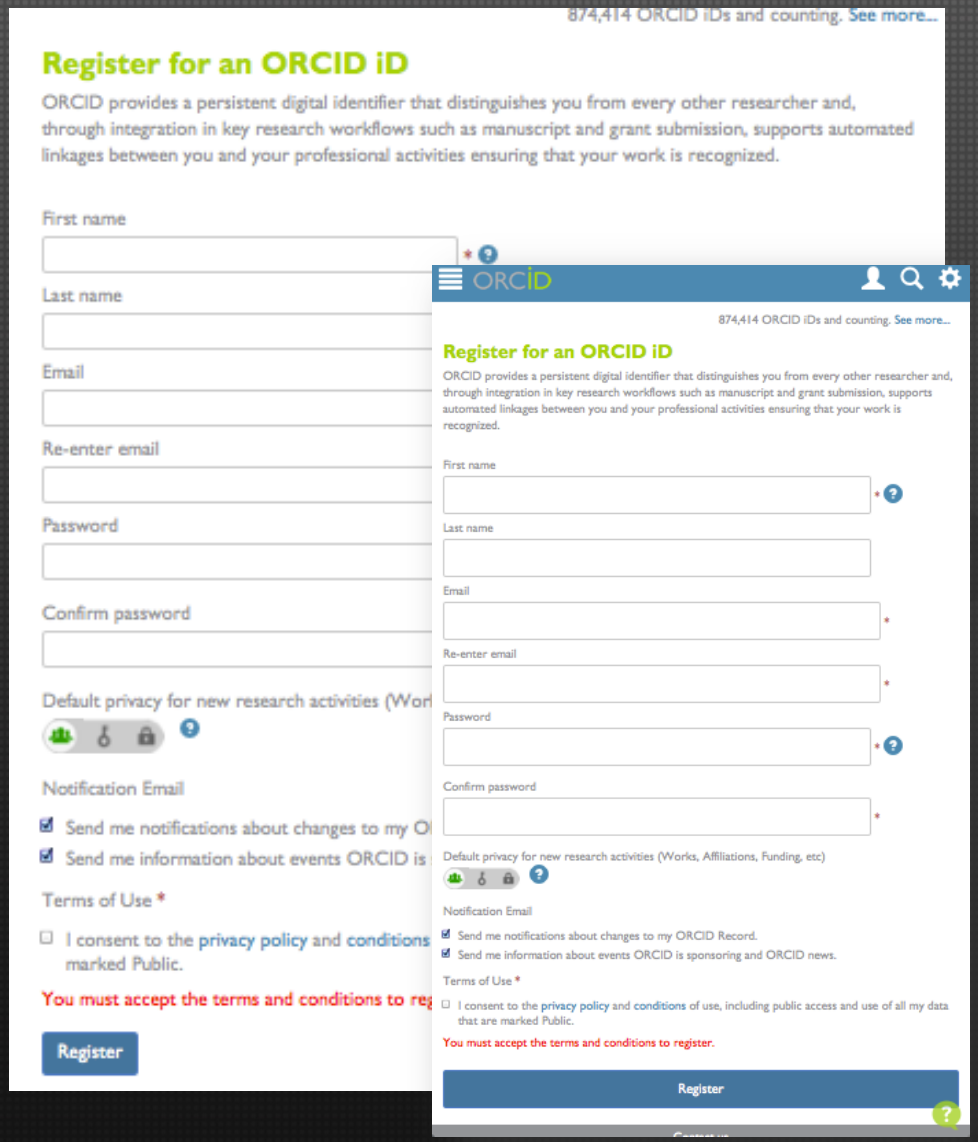
Register for your iD

- 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







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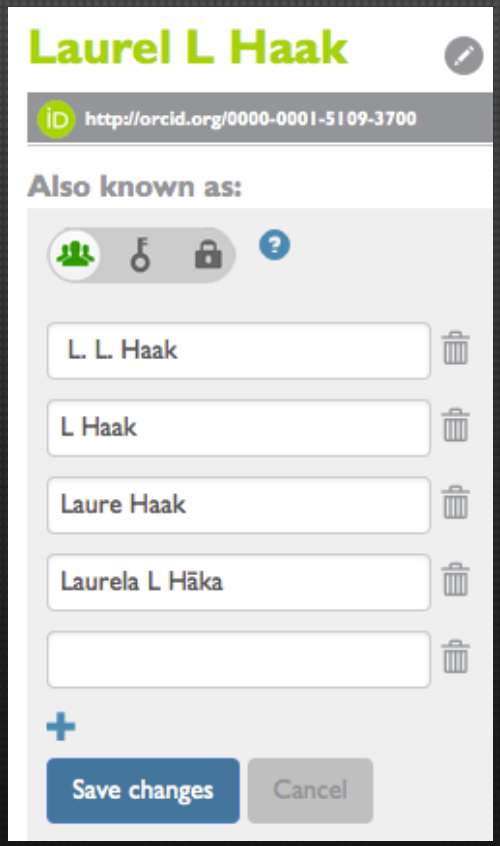
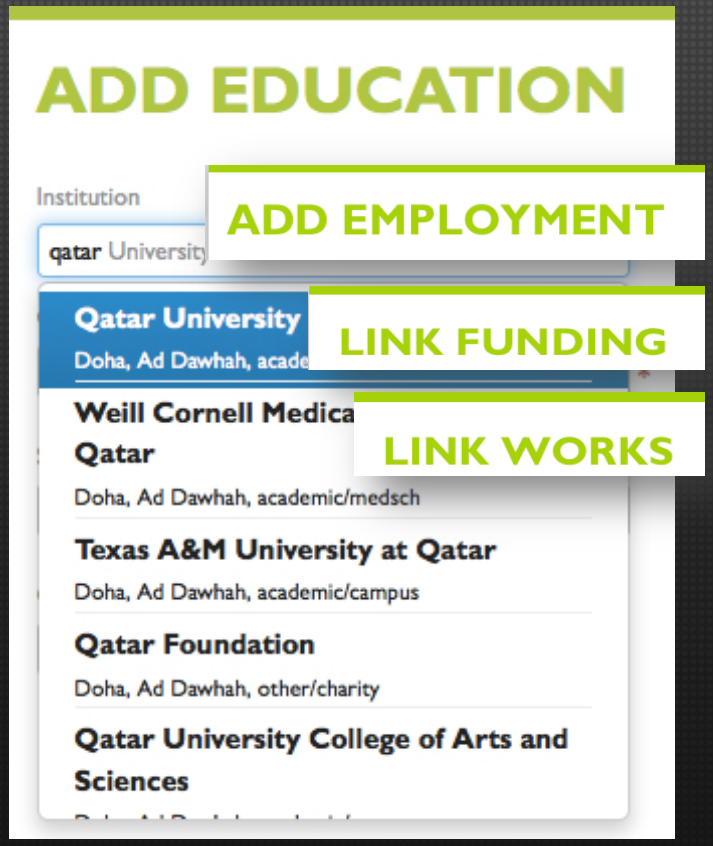
Getting started

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





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ORCID is a registry

ORCID iD	First name	Last name	Other names
0000-0001-5109-3700	Laurel	Haak	L. L. Haak, L Haak, Laure Haak, Laurela L Hāka

- **Free, non-proprietary registry** of persistent unique public identifiers for researchers
- **Community-led** initiative supported by institutional member fees
- **Open** data, software, APIs, and documentation
- ORCID is **Interdisciplinary** and **International**

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ORCID is Opt-in

- ORCID is an opt-in system
- You own and control your record

- ORCID record is portable and travels with you throughout your career

"Enter once, re-use often"

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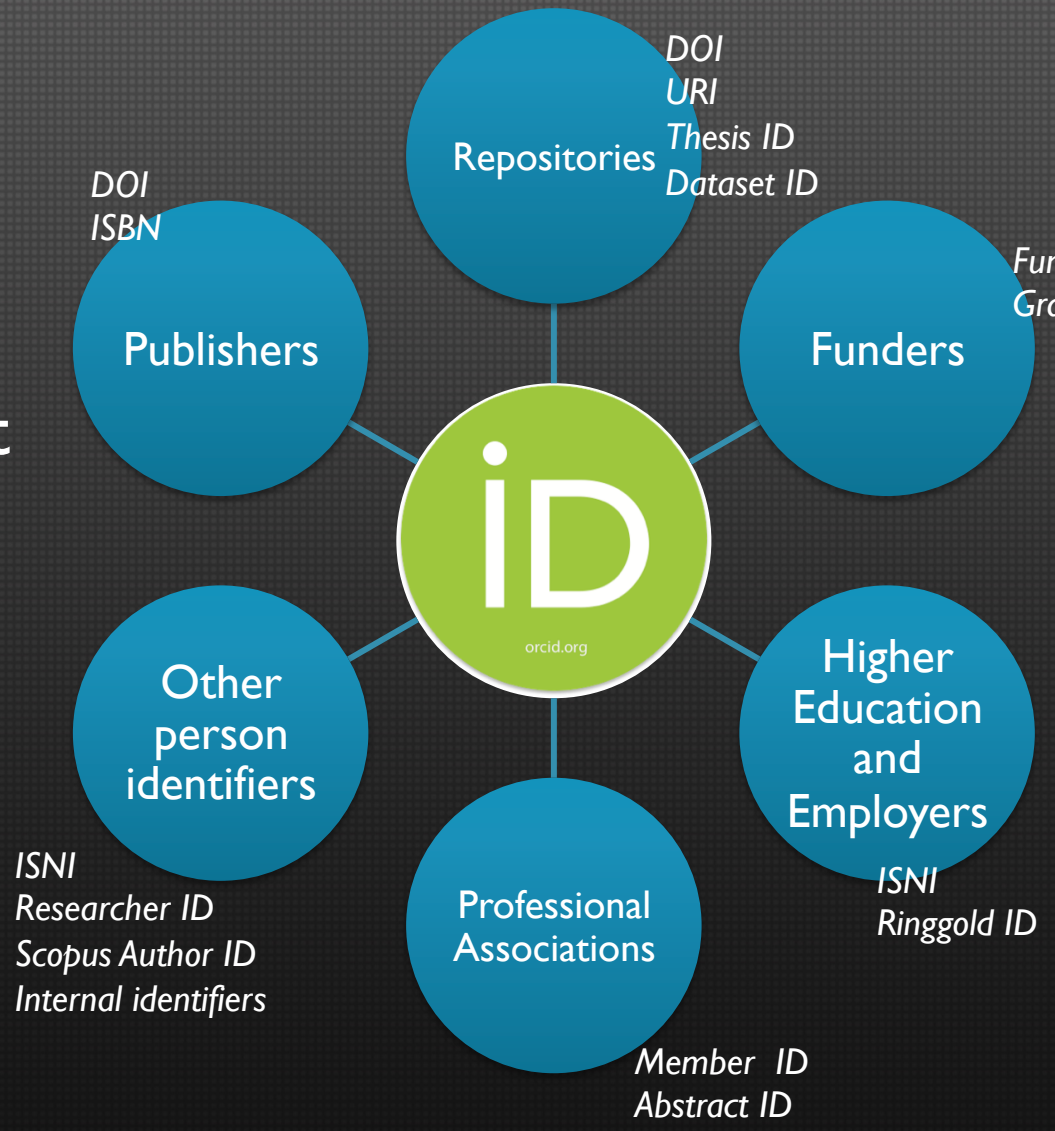
ORCID is a hub

ORCID connects different ID systems through open & persistent identifiers

- ✓ Machine-readable
- ✓ Interoperable



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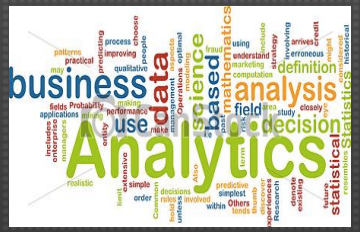
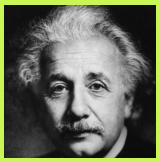
ORCID digital ecosystem



ORCID

RIMS

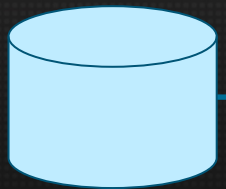


Albert Einstein
Dep. of Physics
University A

ORCID ID:
0000-0001-5442-5838

THOMSON REUTERS
WEB OF SCIENCE

Scopus



Institutional Data

- People | Org units| Affiliations | Optional: Publications
- Sources: Finance, HR, IR, RIS, DW, …

+ other online sources, file formats and manual creation.

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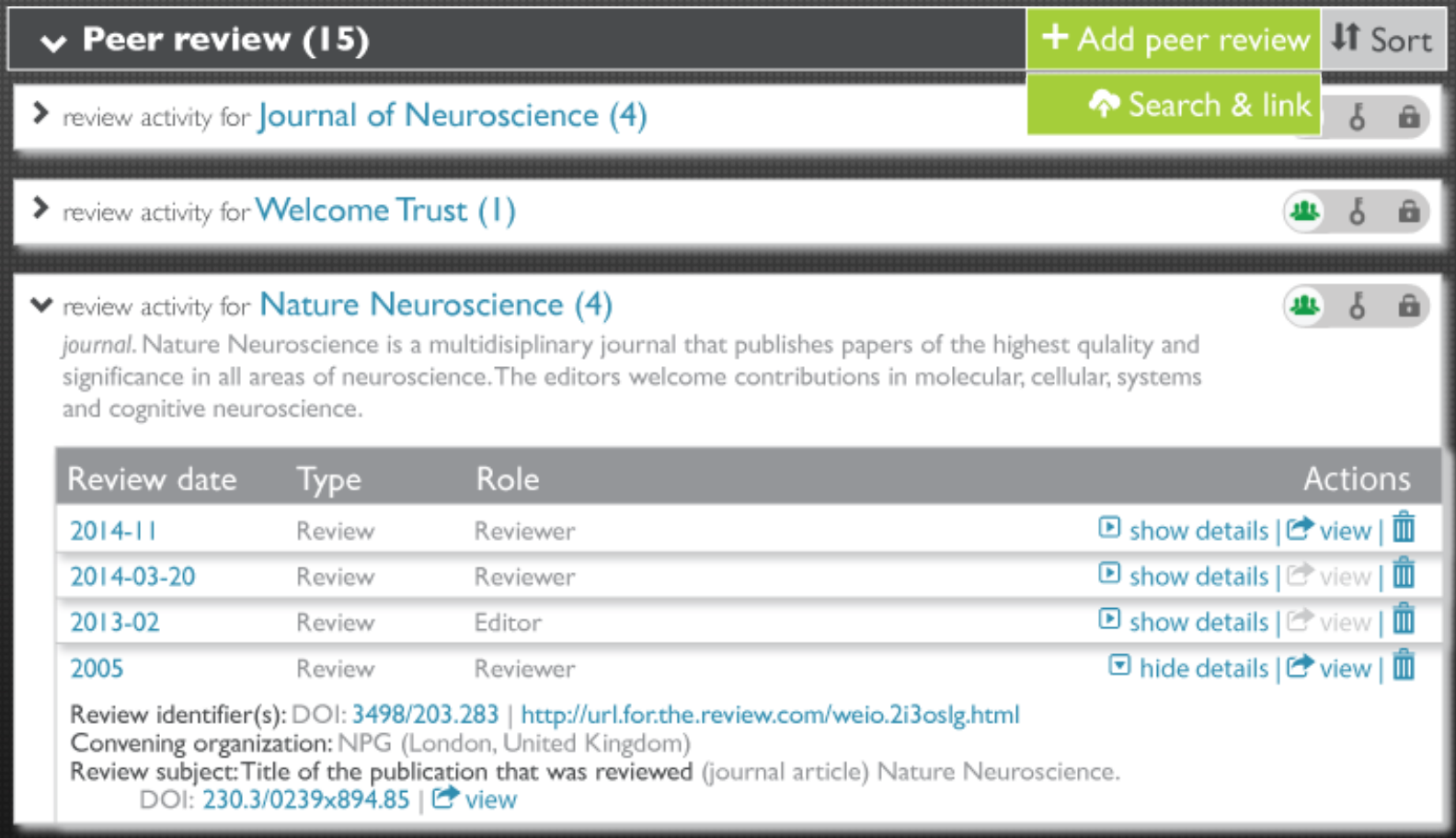
New features: Peer Review



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New features: Project CRedIT

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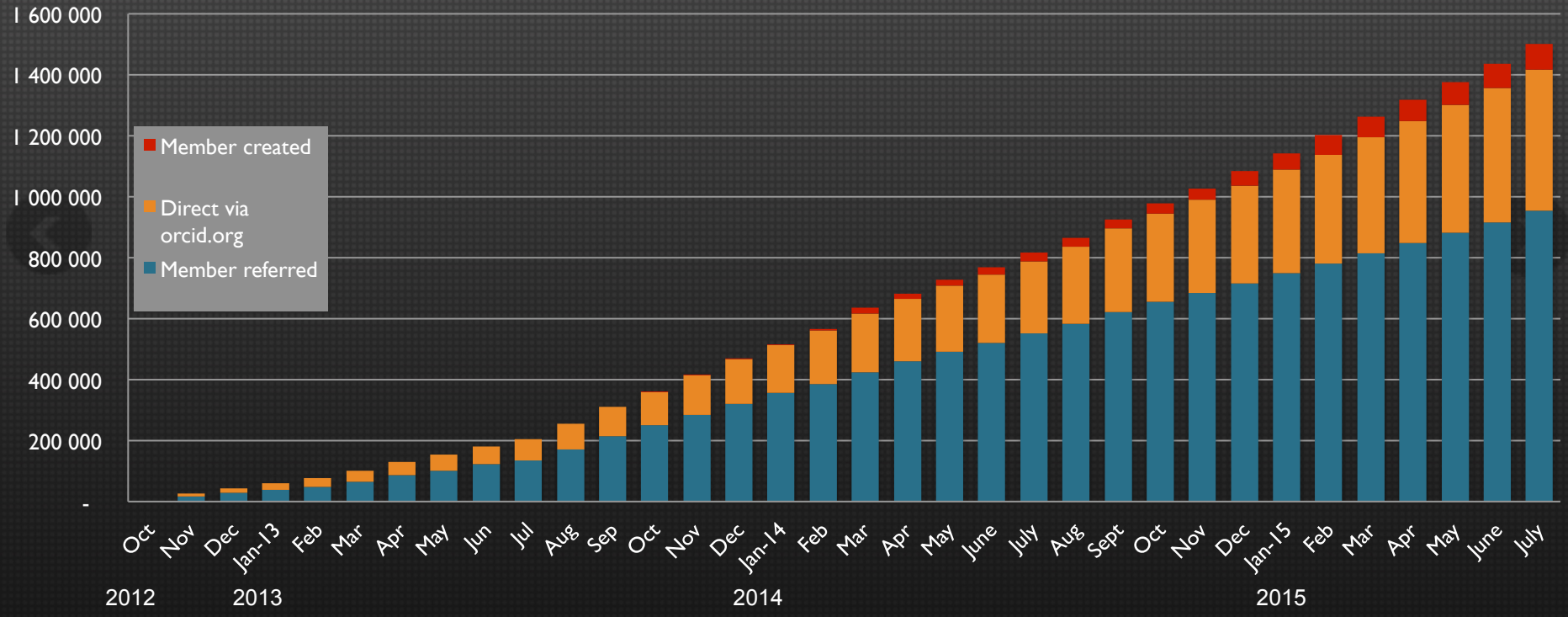
Adoption by researchers

Over 1.71 million researchers have registered for an ORCID identifier.



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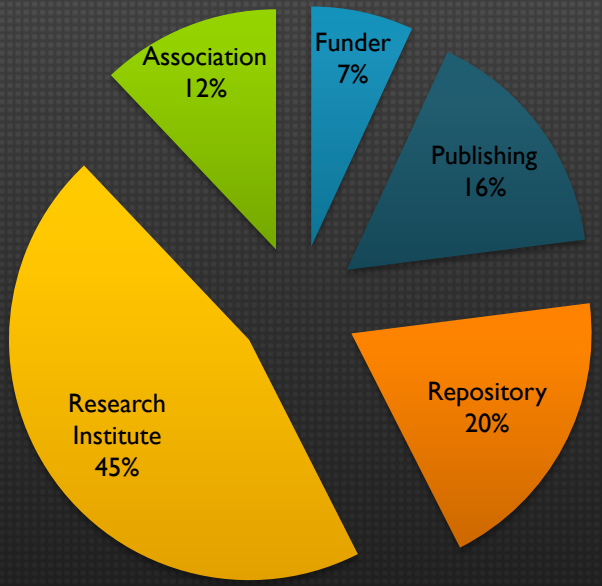
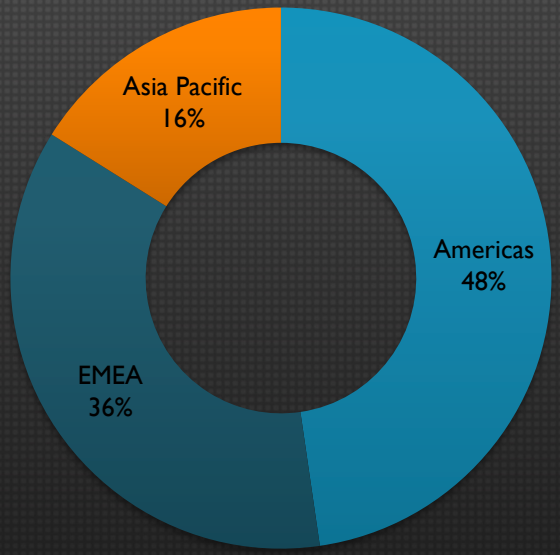
Integration in research systems

Over 400 members in every sector of the research community and region of the world





Current members in South Africa:
North West University, University of Cape Town, Stellenbosch University, GIBS & National Research Foundation

ORCID responsibility

Build the infrastructure:

- Create the tools to allow for easy addition of ORCID iD during publishing, grant application, thesis deposit, etc.
- Engage the community to embed connection tools
- Ensure that the iD is published with the paper / dataset / grant / thesis, etc., and ORCID record is updated

How does ORCID work?

- Members build integrations to connect researchers to new works and affiliations
- Registry allows researchers to connect to existing works and affiliations *(free service)*

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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

ORCID:

Soo-Mee Bang
http://orcid.org/0000-0002-0938-3007

Moon Ju Jang
http://orcid.org/0000-0001-7440-7573

Kyoung Ha Kim
http://orcid.org/0000-0001-8842-4761

Ho-Young Yhim
http://orcid.org/0000-0002-1252-5336

Yeo-Kyeoung Kim
http://orcid.org/0000-0001-5447-4285

Seung-Hyun Nam
http://orcid.org/0000-0002-5736-2606

Hun Gyu Hwang
http://orcid.org/0000-0001-9304-7219

Sung Hwa Bae
http://orcid.org/0000-0002-5279-6341

Sung-Hyun Kim
http://orcid.org/0000-0002-5051-2413

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]

CrossMark
click for updates

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

Tables:

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… and 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

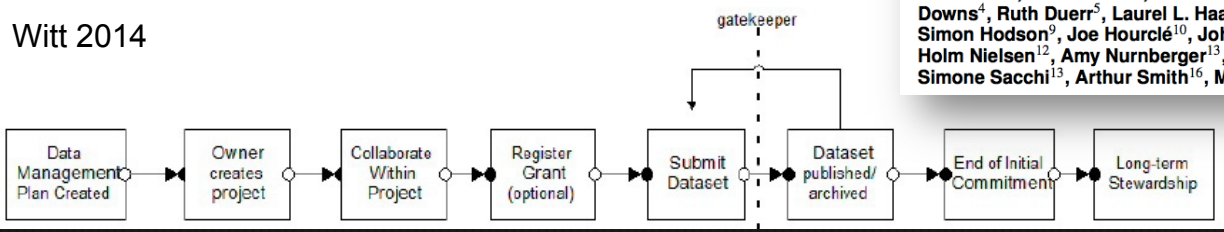
URL: http://dx.doi.org/10.7484/INSPIREHEP.DATA.A78C.HK44

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

…and publication search engines

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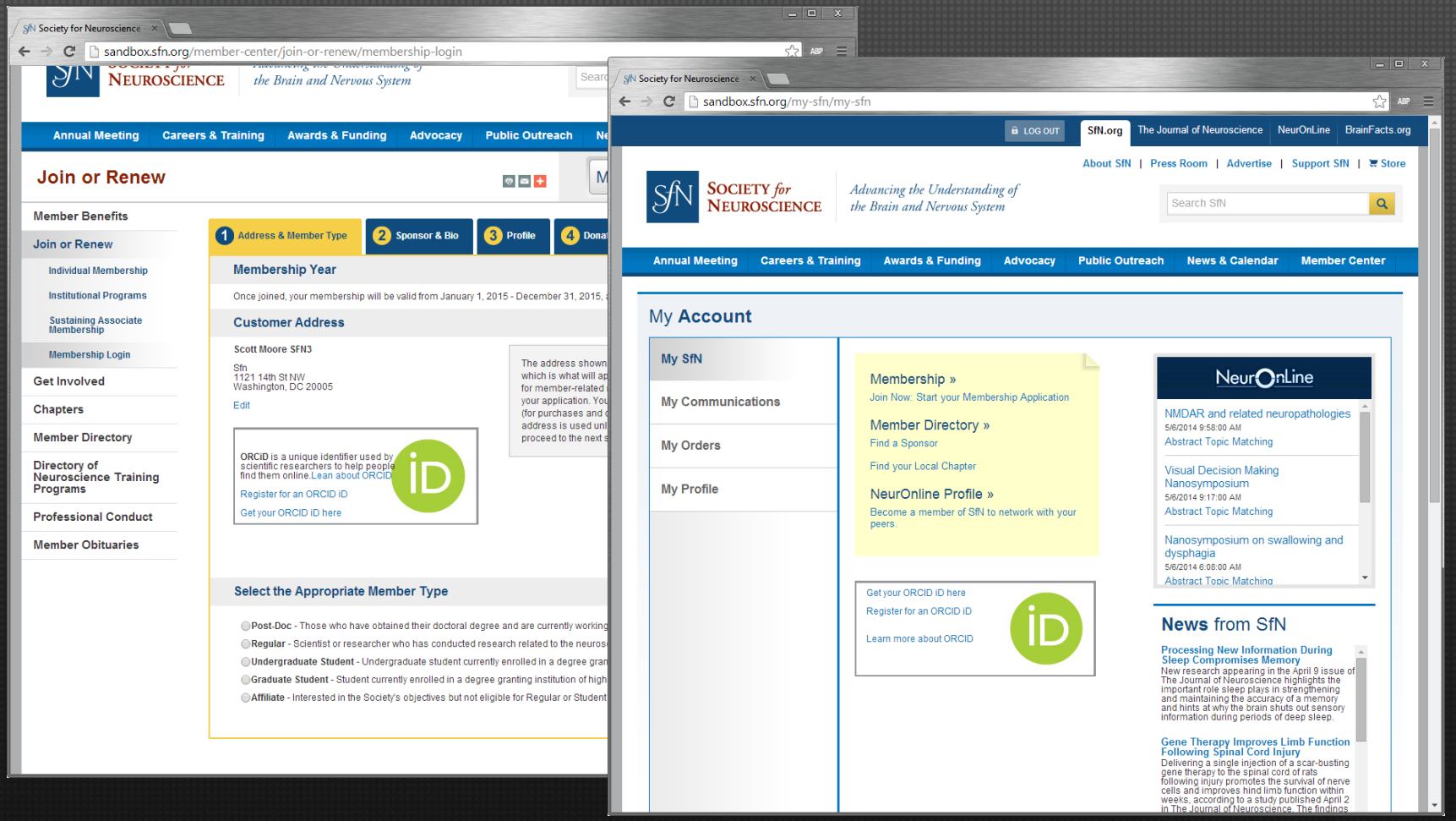
… and association membership systems …



…and also in theses, personnel records…

Creel, James S

uid	f6414350bf4fff62df715039f0d76fe1
mail	jcreel@tamu.edu
givenname	James
cn	Creel, James S Creel, James Silas James Creel
tamuedupersonprimarymembername	Texas A&M University
sn	Creel
tamuedupersonofficialname	Creel, James S
personaluri	http://library.tamu.edu/directory/jcreel
displayname	Creel, James Silas
postaladdress	Texas A&M University$Library Director$5000 TAMU$College Station, TX 77843-5000
tamuedupersondepartmentname	Library Director
telephonenumber	+1 979 458 5585
title	Senior Lead Software Applications Developer
tamuedupersonlocalphone	+1 979 575 8371
tamuedupersonprimarymajorname	Computer Science
tamuedupersonmajor	CPSC
tamuedupersonclassificationname	G8-Graduate, Doctoral Level
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edupersonorcid	http://orcid.org/0000-0001-9108-5190
count	19
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TEXAS A&M UNIVERSITY

James Creel

ORCID ID

orcid.org/0000-0001-9108-5190

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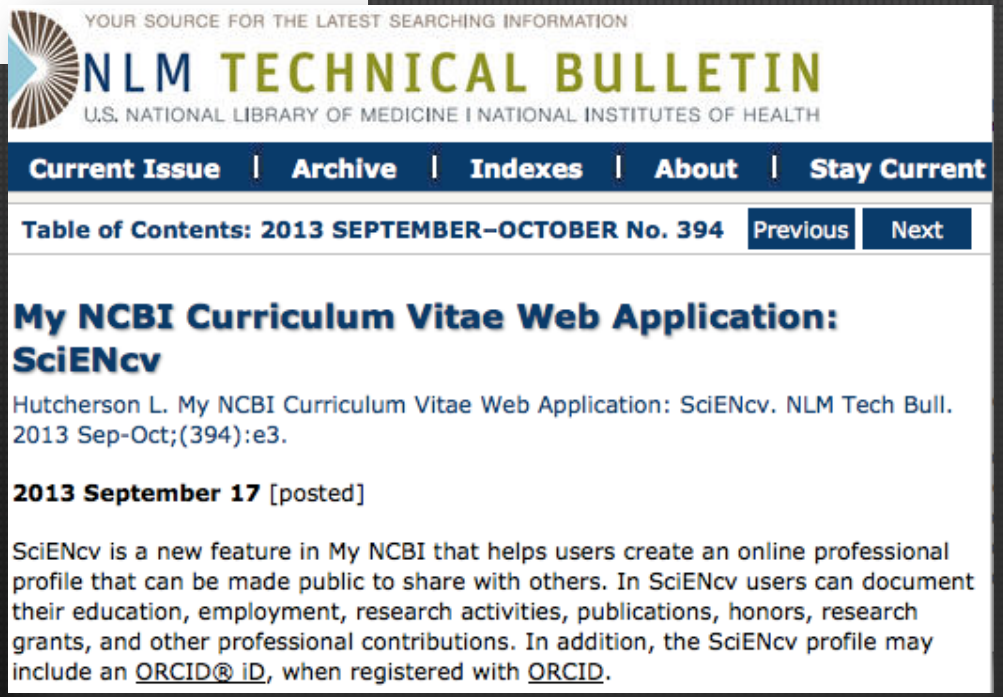
How do I register my ORCID id with the Wellcome Trust?

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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…and repositories

- DataCite
- Dspace
- ePrints
- EThOS
- HUBzero
- Hydra/Fedora
- InSPIRE
- Vireo
- Reactome

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

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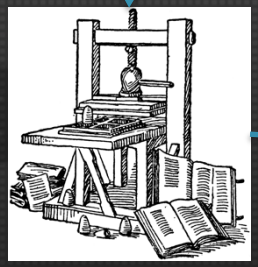
Metadata flow

submit manuscript

notification to preprint repository

University Library

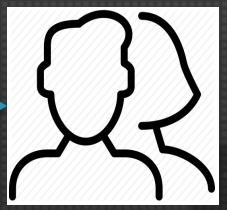
NEW INFO!



Publisher

ACCEPTED!

ORCID Record



Faculty Profiles

Funders

http://crosstech.crossref.org/2015/09/orcid-auto-update.html

orcid.org

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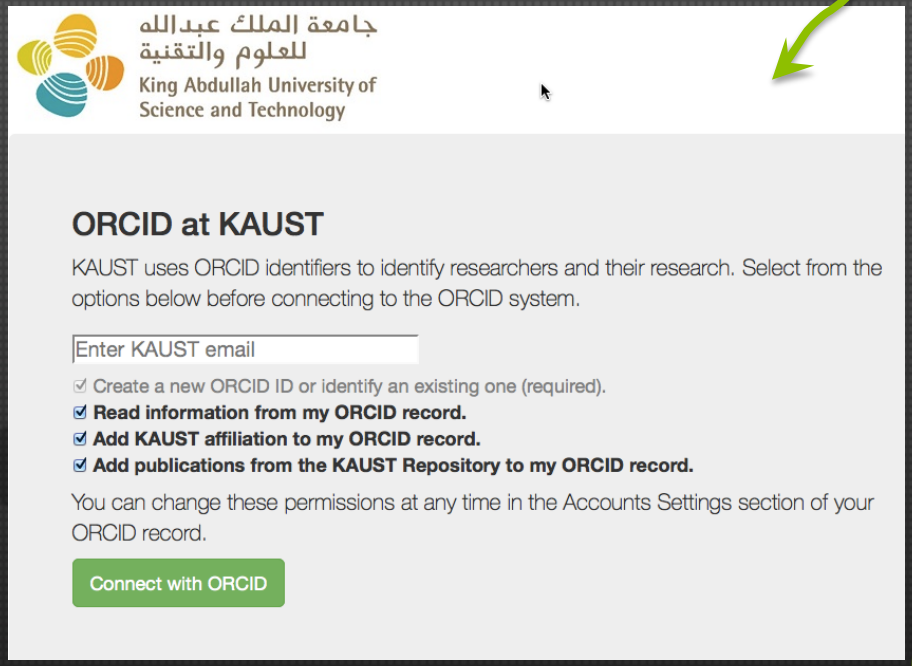
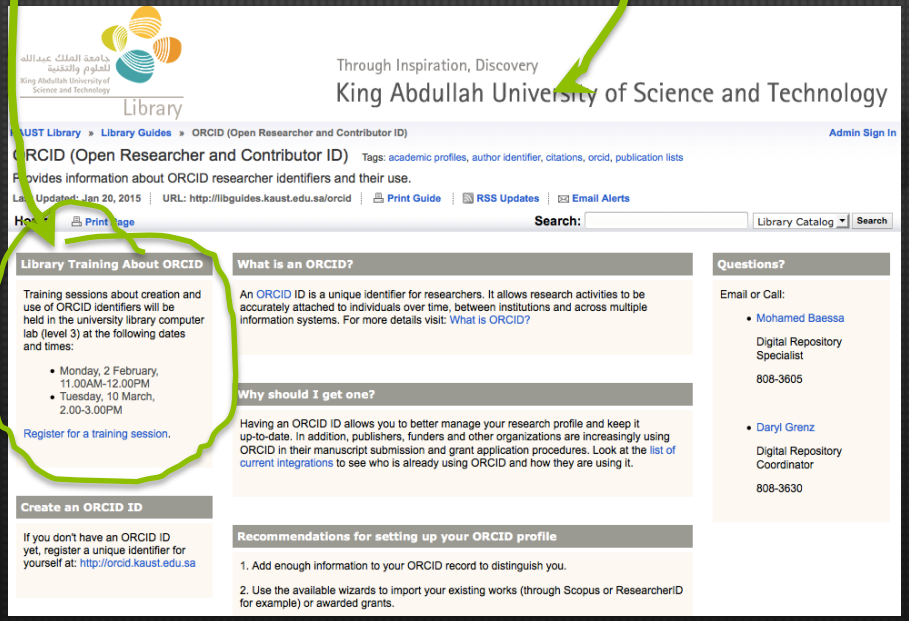
Collect, Connect, and Update

- Click and Create
- Library Guide
- Training Sessions
- Theses and Dissertations



http://orcid.kaust.edu.sa/



http://libguides.kaust.edu.sa/orcid

Use Case: IR & RIMS system

Manual/ Automatic update

Pull/ Notification (webhook)

Research Output

Submission systems (Grants & Manuscripts)

ORCID record

Push

RIMS / Repository

Update other profile & iD systems

Bibliometrics & Altmetrics

Research Management

Career Tracking

Impact Assessment/ ROI

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Use Case: Career Tracking

Researcher creates an ORCID iD

Researcher moves to a new organization

Keeps the same ORCID iD

Researcher connects their ORCID iD to an organization

Researcher connects with a new organization

Previous organization can still read their ORCID record

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Benefits to the community

- Unique and persistent iD can be used throughout career, across professional activities and affiliations
- ORCID iD is embedded in works metadata, independent of platform
- Improved system interoperability – across discipline, organization, and country
  - *Reduced reporting workload for researchers*
  - *Automates repository deposition*
  - *Supports institutional reporting*

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Closing remarks

- Researchers should register for their free ORCID iD
- Institutions should explore integrations with ORCID
- Libraries should create a libguide for researchers
- Institutions can consider membership options to ORCID

The ability to uniquely identify contributors is a deceptively simple concept which, if realised, could enable forms of real-time understanding of scientific research that up to now have been extremely costly (if not impossible).

--Jonathan Kram, Wellcome Trust

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In summary, ORCID

① Enables machine readability
② Disambiguates and enforces uniqueness
③ Enables linking and data integration

Persistent identifiers provide a

simple basis for digital data governance

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Researcher engagement

"Researchers want to be read, acknowledged and quoted."

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Connecting Research and Researchers

Thank you!

- Find out more at http://orcid.org
- Register at http://orcid.org/register

Matthew Buys
Regional Director
m.buys@orcid.org