



Connecting Research  
and Researchers

Your Work is Distinctive.  
What about your Name?

University of Pretoria  
28 October 2015

Matthew Buys  
Regional Director, ORCID  
[m.buys@orcid.org](mailto:m.buys@orcid.org)

<http://orcid.org/0000-0001-7234-3684>


*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



# 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



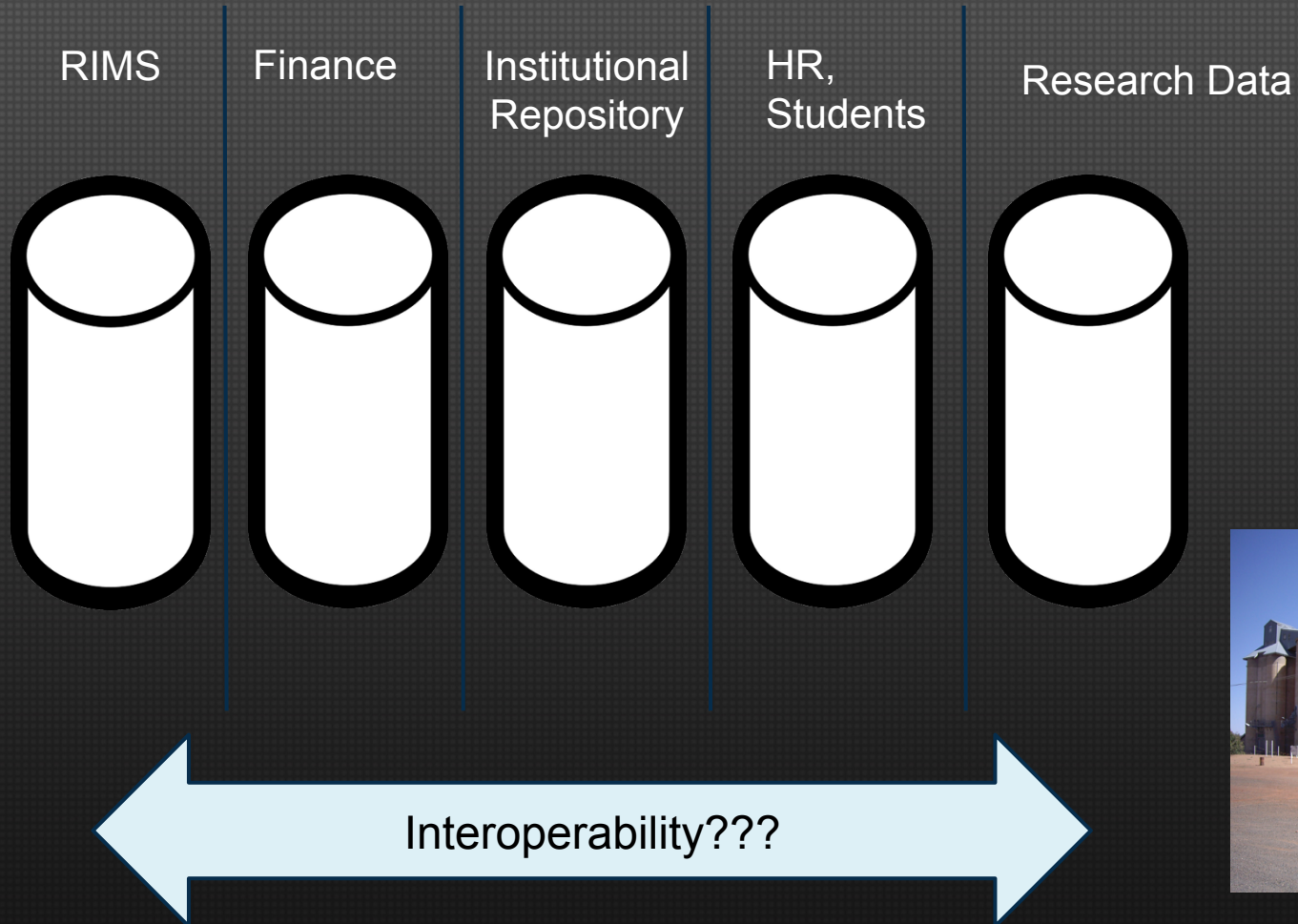
**Julie Banfield** @42jkb 2h  
I've started my @ORCID\_Org ID. My publications are in different names so this is a perfect solution. Well done and thanks!

## 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 (王巍), a biophysicist at the University of California, San Diego, "All the journals should do the same thing."







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

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



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

Academia.edu  
share research

MENDELEY

slideshare

ResearchGate

VIAF  
Virtual International Authority File

Google scholar

Search Authors

My Citations - Help

Microsoft Academic Search  
Beta

OCLC WorldCat®

isni

ORCID  
Connecting Research  
and Researchers

Scopus preview

RESEARCHERID  
THOMSON REUTERS

To benefit,  
researchers need  
only do 2 things



- ① Register for an iD
- ② Use it!



- 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.**

---

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

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First name

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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.**


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


**Laurel L Haak** 


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


**Also known as:**


   














**ADD EDUCATION**

Institution

**ADD EMPLOYMENT**

**Qatar University**  
Doha, Ad Dawhah, acad

**LINK FUNDING**

**Weill Cornell Medical College**  
**Qatar**  
Doha, Ad Dawhah, academic/medsch

**LINK WORKS**

**Texas A&M University at Qatar**  
Doha, Ad Dawhah, academic/campus

**Qatar Foundation**  
Doha, Ad Dawhah, other/charity

**Qatar University College of Arts and Sciences**



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**

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



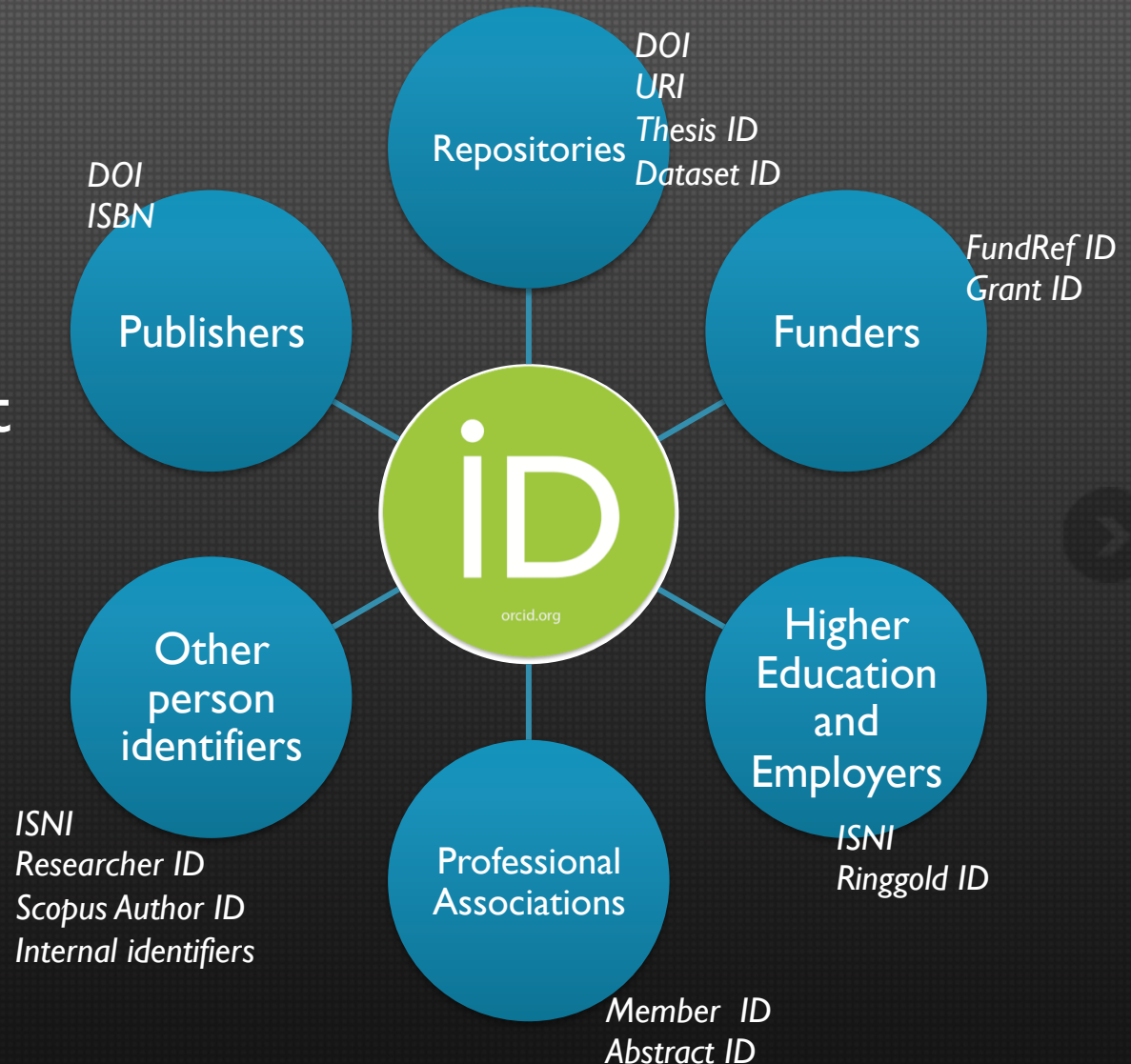
- ORCID record is portable and travels with you throughout your career



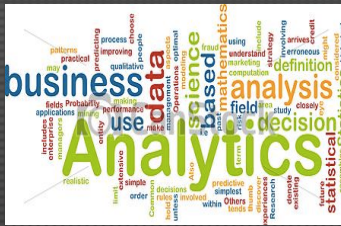
"Enter once, re-use  
often"

ORCID connects  
different ID  
systems through  
open & persistent  
identifiers


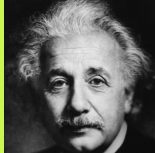
- ✓ Machine-readable
- ✓ Interoperable



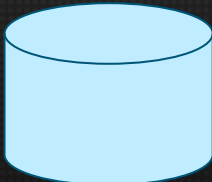




**RIMS**



Albert Einstein  
Dep. of Physics  
University A  
ORCID ID:  
0000-0001-5442-5838



### Institutional Data

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



+ other online sources,  
file formats and  
manual creation.

# New features: Peer Review

▼ Peer review (15)
+ Add peer review
↕ Sort

➤ review activity for [Journal of Neuroscience](#) (4)
🔍 Search & link
👤 🔒

➤ review activity for [Welcome Trust](#) (1)
👤 🔒

▼ review activity for [Nature Neuroscience](#) (4)
👤 🔒

journal. Nature Neuroscience is a multidisiplinary journal that publishes papers of the highest qulacity and significance in all areas of neuroscience. The editors welcome contributions in molecular, cellular, systems and cognitive neuroscience.

Review date	Type	Role	Actions
<a href="#">2014-11</a>	Review	Reviewer	<a href="#">📄 show details</a>   <a href="#">👁 view</a>   <a href="#">🗑</a>
<a href="#">2014-03-20</a>	Review	Reviewer	<a href="#">📄 show details</a>   <a href="#">👁 view</a>   <a href="#">🗑</a>
<a href="#">2013-02</a>	Review	Editor	<a href="#">📄 show details</a>   <a href="#">👁 view</a>   <a href="#">🗑</a>
<a href="#">2005</a>	Review	Reviewer	<a href="#">📄 hide details</a>   <a href="#">👁 view</a>   <a href="#">🗑</a>

Review identifier(s): DOI: [3498/203.283](#) | <http://url.for.the.review.com/weio.2i3oslg.html>  
 Convening organization: NPG (London, United Kingdom)  
 Review subject: Title of the publication that was reviewed (journal article) Nature Neuroscience.  
 DOI: [230.3/0239x894.85](#) | [👁 view](#)



▼ Works (4) Sort

**Annotated features of domestic cat - Felis catus genome.** 📄


2014 | journal-article  
PMID: [25143822](#)  
PMC: [PMC4138527](#)  
DOI: [10.1186/2047-217X-3-13](#)  
URL: <http://europepmc.org/abstract/med/25143822>

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**Citation** (*formatted-unspecified*)  
Tamazian G, Simonov S, Dobrynin P, Makunin A, Logachev A, Komissarov A, Shevchenko A, Brukhin V, Cherkasov N, Svitin A, Koepfli KP, Pontius J, Driscoll CA, Blackstone K, Barr C, Goldman D, Antunes A, Quilez J, Lorente-Galdos B, Alkan C, Marques-Bonet T, Menotti-Raymond M, David VA, Narfström K, O'Brien SJ, GigaScience, 2014, vol. 3, pp. 13

**Created**  
2015-5-9

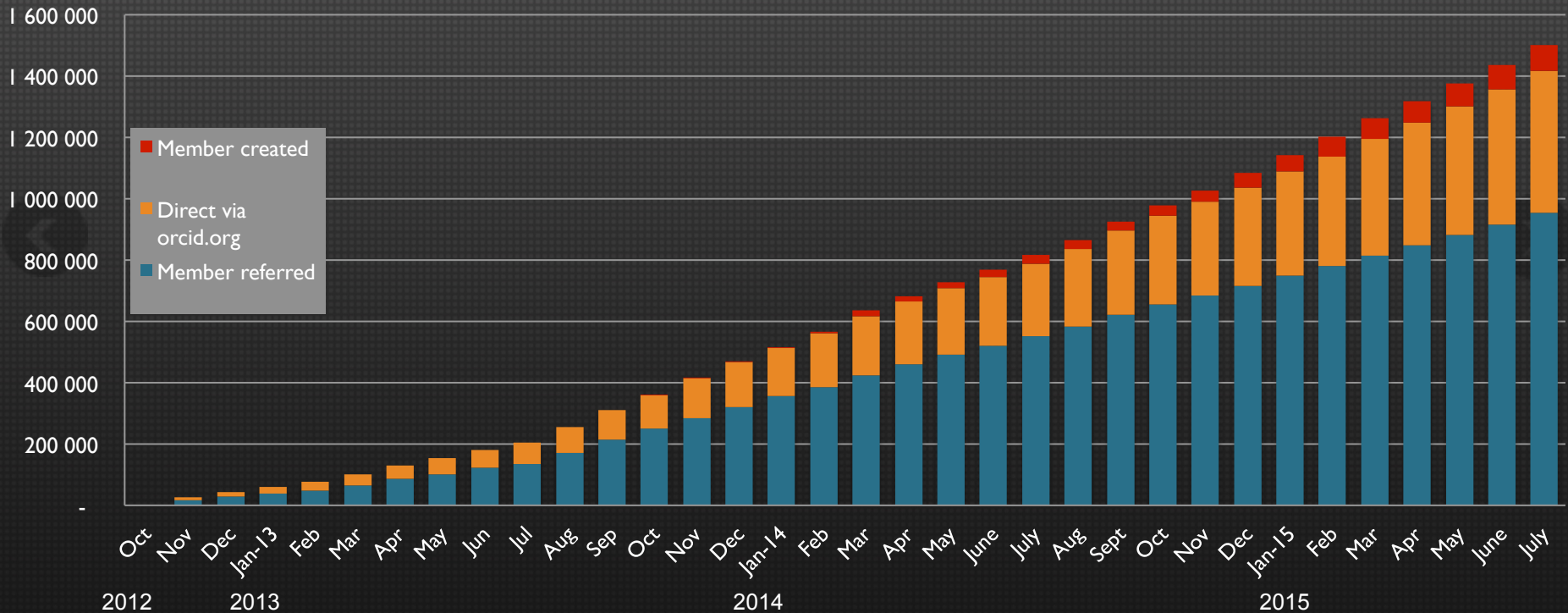
**Contributor Open Badges**

 Formal Analysis	 Conceptualization	 Computation	 Methodology
Gaik Tamazian	Gaik Tamazian	Gaik Tamazian	Gaik Tamazian

Source: Europe PubMed Central ☑ Preferred source

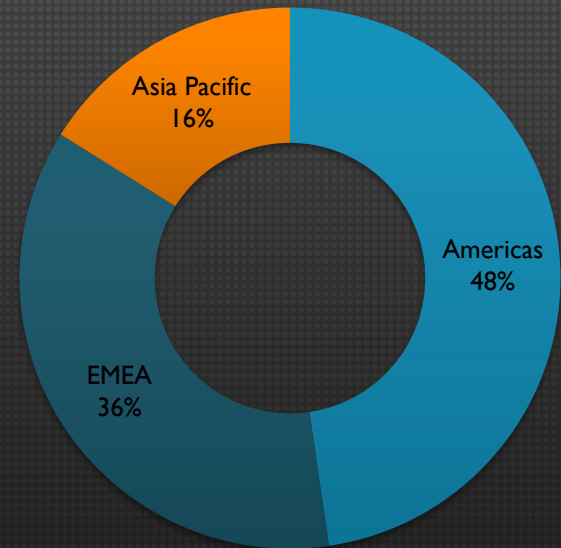
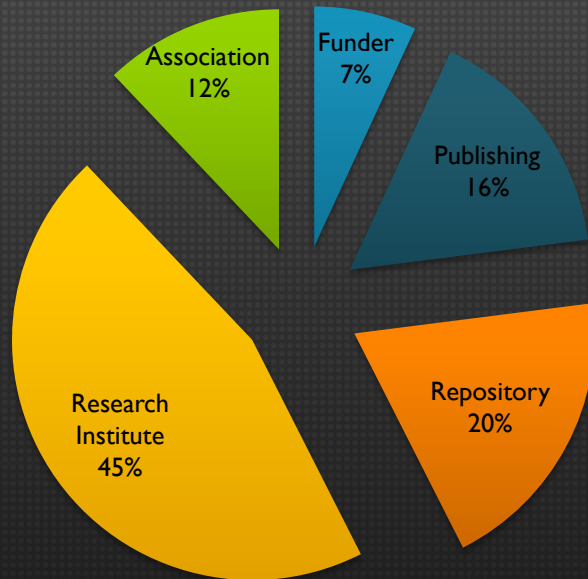
# Adoption by researchers

Over 1.71 million researchers have registered for an ORCID identifier.





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

## 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*)

# 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>



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<sup>a</sup>, Hamidreza Jouypazadeh<sup>a</sup> and Hossein Farrokhpour<sup>b</sup>

<sup>a</sup>Department of Chemistry, Faculty of Sciences, Arak University, Arak, Iran; <sup>b</sup>Chemistry Department, Isfahan University of Technology, Isfahan, Iran

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>

ABSTRACT

The intermolecular potential energy surface of Ne...NCCN in the framework of the counterpoise-corrected supermolecular aug-cc-pVDZ basis set extended with a set of midbond place of midbond function on the accuracy of the calcula

ARTICLE HISTORY

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>  
© 2014 The Korean Academy of Medical Sciences.

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

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



Formats:

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

Tables:





## ... and datasets...

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](https://doi.org/10.7484/INSPIREHEP.DATA.A78C.HK44)

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

SOURCE: Kyle Cranmer

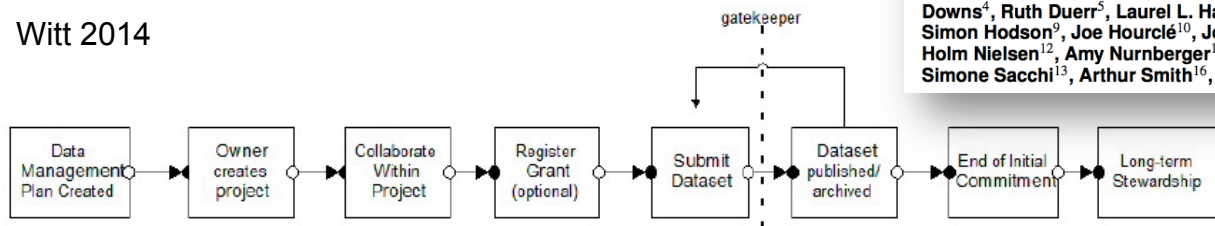
CREATED: 2013-09-11

Preferred source



## ...and data management

Witt 2014



**Achieving human and machine accessibility of cited data in scholarly publications**

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

PeerJ 2015

## ...and publication search engines

### Send Scopus Author details and publication list to ORCID

Your publications on Scopus may be spread over a number of different Author profiles, because these are generated automatically. In order to create a single profile containing the correct publications, please follow the steps in this wizard. On completion, any changes will also be sent as corrections to Scopus.

### ResearcherID & ORCID Integration

Accurate attribution has long been a challenge in the scholarly sphere. Whether one is the researcher, funder, publisher or another contributing to this ecosystem, it is critical that work be properly identified and tied to the right individual, institution, publisher or funder. Thomson Reuters has long known this, hence the reason for its ResearcherID solution. And, hence the reason for the company being a founding member of the Open Researcher and Contributor ID (ORCID) initiative.


**CrossRef**<sup>beta</sup>  
metadata search



## ... and association membership systems ...

The image displays two overlapping browser windows from the Society for Neuroscience website. The left window shows the 'Join or Renew' membership page, which includes a progress bar with four steps: 1. Address & Member Type, 2. Sponsor & Bio, 3. Profile, and 4. Donate. The current step is 'Address & Member Type', where the user 'Scott Moore SFN3' is shown with their address: 'Sfn, 1121 14th St NW, Washington, DC 20005'. Below the address, there is a section for ORCID, explaining that it is a unique identifier used by scientific researchers and providing a link to 'Register for an ORCID ID'. The right window shows the 'My Account' page, which has a sidebar with navigation links like 'Annual Meeting', 'Careers & Training', etc. The main content area includes sections for 'My SFN', 'My Communications', 'My Orders', and 'My Profile'. A prominent yellow box highlights the 'Membership' section, which says 'Join Now: Start your Membership Application'. Below this, there are links for 'Member Directory', 'Find your Local Chapter', and 'NeuroOnline Profile'. A sidebar on the right contains 'NeuroOnline' news items, such as 'NMDAR and related neuropathologies' and 'Processing New Information During Sleep Compromises Memory'.

# ...and also in theses, personnel records...

<i>uid</i>	f6414350bf4fff62df715039f0d76fe1	<b>Creel, James S</b>
<i>mail</i>	jcreel@tamu.edu	
<i>givenname</i>	James	
<i>cn</i>	Creel, James S Creel, James Silas James Creel	
<i>tamuedupersonprimarymembername</i>	Texas A&M University	
<i>sn</i>	Creel	
<i>tamuedupersonofficialname</i>	Creel, James S	
<i>personaluri</i>	<a href="http://library.tamu.edu/directory/jcreel">http://library.tamu.edu/directory/jcreel</a>	
<i>displayname</i>	Creel, James Silas	
<i>postaladdress</i>	Texas A&M University\$Library Director\$5000 TAMU\$College Station, TX 77843-5000	
<i>tamuedupersondepartmentname</i>	Library Director	
<i>telephonenumber</i>	+1 979 458 5585	
<i>title</i>	Senior Lead Software Applications Developer	
<i>tamuedupersonlocalphone</i>	+1 979 575 8371	
<i>tamuedupersonprimarymajorname</i>	Computer Science	
<i>tamuedupersonmajor</i>	CPSC	
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<i>tamuedupersonclassification</i>	G8	
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**James Creel**

**ORCID ID**

 [orcid.org/0000-0001-9108-5190](http://orcid.org/0000-0001-9108-5190)

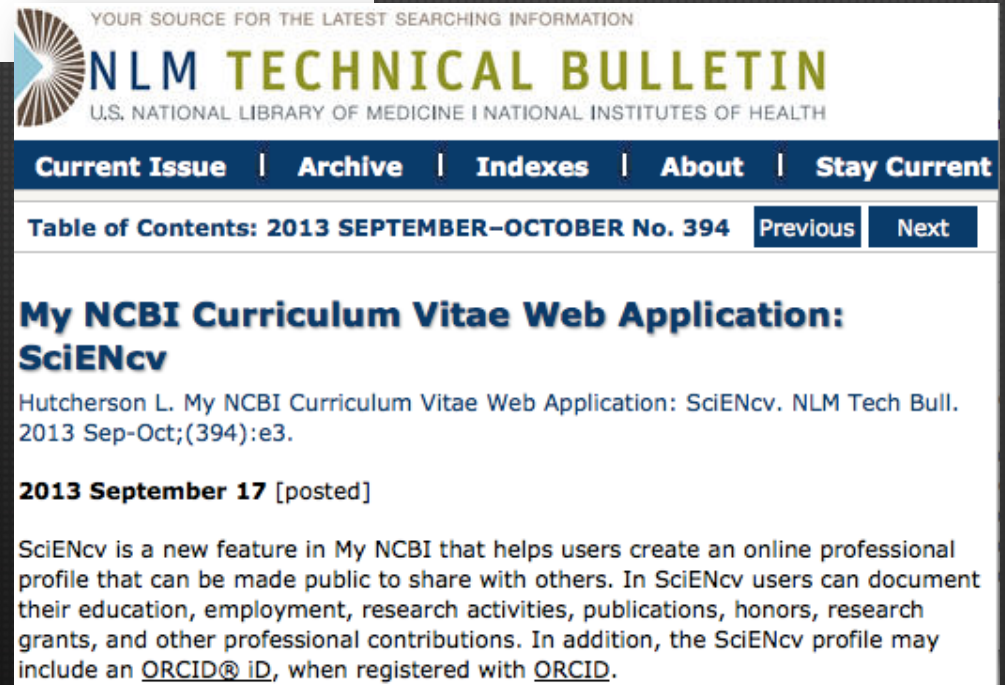


## How do I register my ORCID id with the Wellcome Trust?

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...



YOUR SOURCE FOR THE LATEST SEARCHING INFORMATION

# NLM TECHNICAL BULLETIN

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

[Current Issue](#) | [Archive](#) | [Indexes](#) | [About](#) | [Stay Current](#)

[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](#).

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

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



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 <sup>12</sup> , ISNI <sup>13</sup> ,

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>

**Jon Tennant**  
@Protohedgehog  Follow

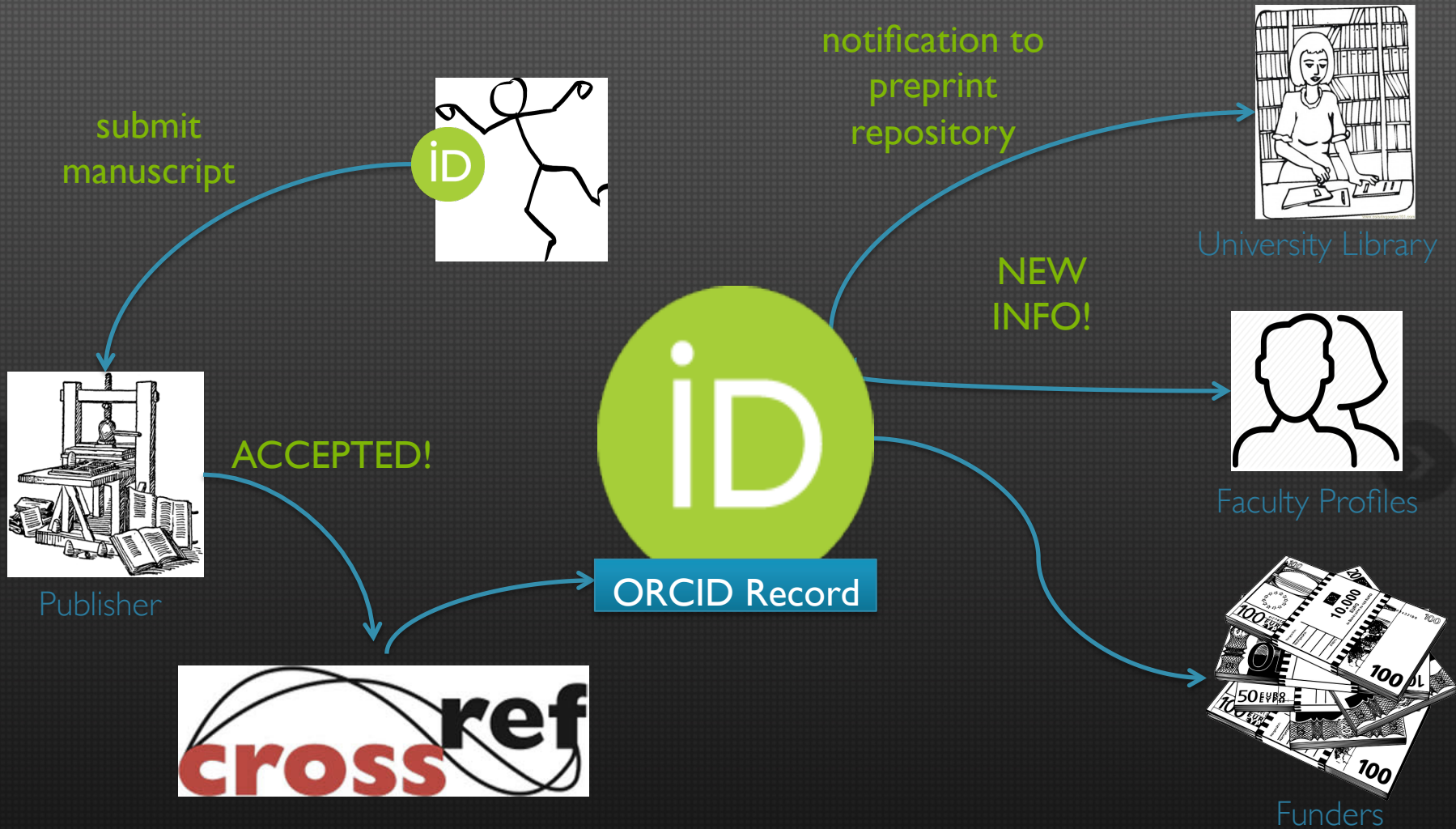
Science win! You can now integrate your thesis/dissertation with @ORCID\_Org #PhDchat orcid.org/blog/2014/03/2... #openscience #openaccess

01:41 PM - 27 Mar 14

**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





# Collect, Connect, and Update



جامعة الملك عبد الله  
للعلوم والتقنية  
King Abdullah University of  
Science and Technology

## ORCID at KAUST

KAUST uses ORCID identifiers to identify researchers and their research. Select from the options below before connecting to the ORCID system.

Enter KAUST email

- Create a new ORCID ID or identify an existing one (required).
- Read information from my ORCID record.
- Add KAUST affiliation to my ORCID record.
- Add publications from the KAUST Repository to my ORCID record.

You can change these permissions at any time in the Accounts Settings section of your ORCID record.

Connect with ORCID

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

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

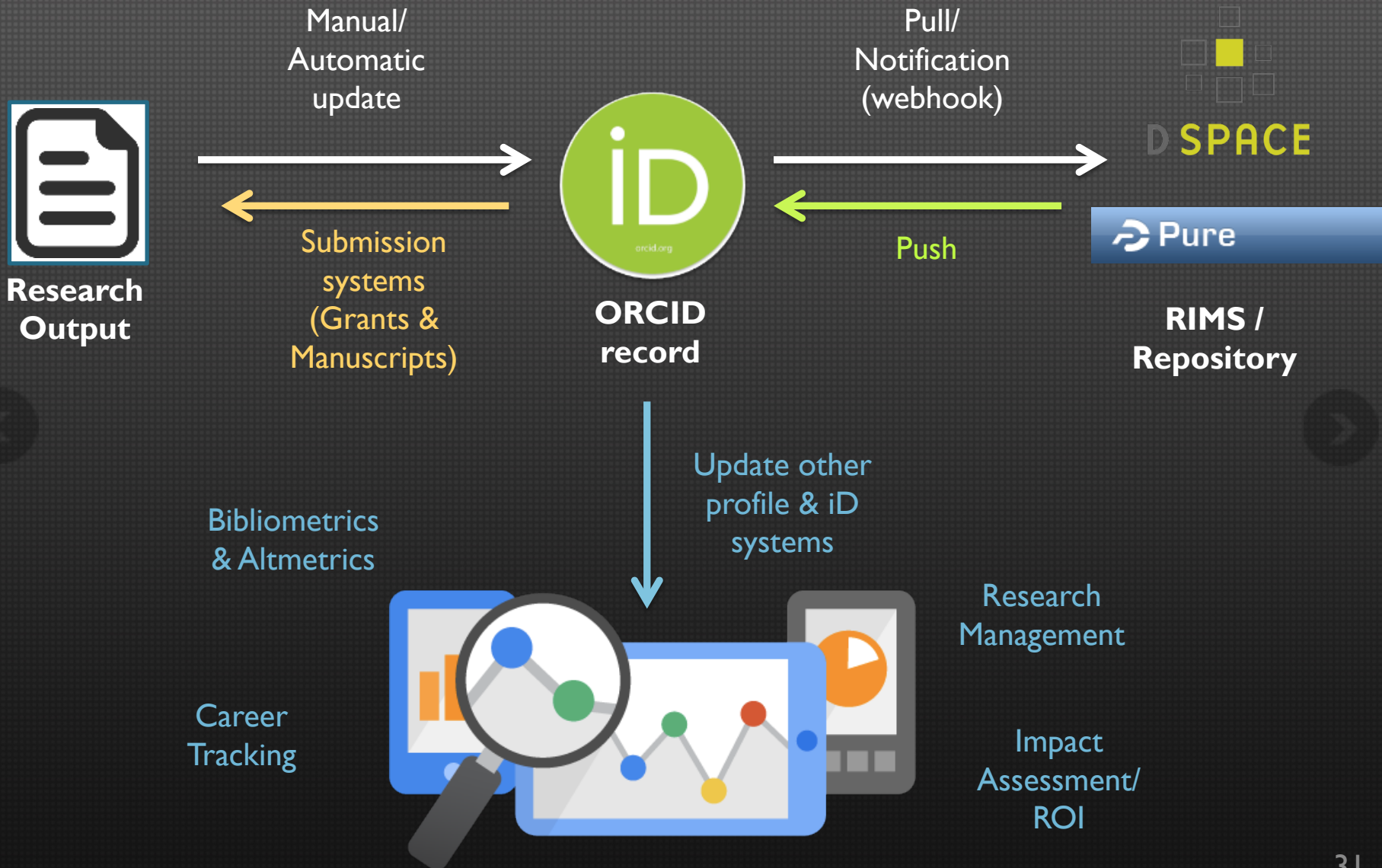
The screenshot shows the KAUST Library website page for ORCID. The page title is "ORCID (Open Researcher and Contributor ID)". It includes a navigation menu with "KAUST Library", "Library Guides", and "ORCID (Open Researcher and Contributor ID)". The main content area is divided into several sections:

- Library Training About ORCID:** This section provides information about training sessions held in the university library computer lab. It lists two sessions:
  - Monday, 2 February, 11.00AM-12.00PM
  - Tuesday, 10 March, 2.00-3.00PM
 A link "Register for a training session." is provided.
- What is an ORCID?:** This section explains that an ORCID ID is a unique identifier for researchers, allowing research activities to be accurately attached to individuals over time across multiple information systems. It includes a link "What is ORCID?".
- Why should I get one?:** This section states that having an ORCID ID allows users to better manage their research profile and keep it up-to-date. It mentions that publishers, funders, and other organizations are increasingly using ORCID in their manuscript submission and grant application procedures. A link "list of current integrations" is provided.
- Create an ORCID ID:** This section advises that if a user does not have an ORCID ID, they should register a unique identifier for themselves at <http://orcid.kaust.edu.sa>.
- Recommendations for setting up your ORCID profile:** This section lists two recommendations:
  - Add enough information to your ORCID record to distinguish you.
  - Use the available wizards to import your existing works (through Scopus or ResearcherID for example) or awarded grants.
- Questions?:** This section provides contact information for the Digital Repository Specialist, including email and phone numbers for Mohamed Baessa and Daryl Grenz.

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



# Use Case: IR & RIMS system



# Use Case: Career Tracking

Researcher creates  
an ORCID iD



Researcher moves to  
a new organization

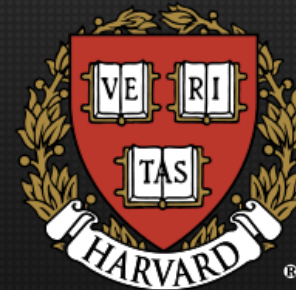


Keeps the same  
ORCID iD

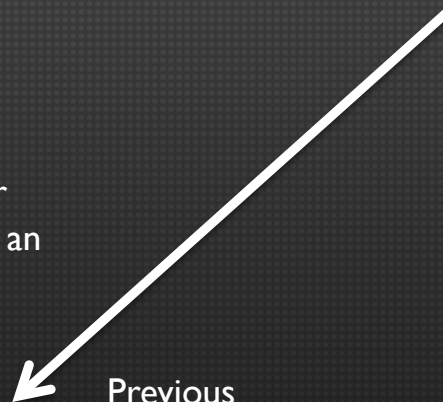
Researcher  
connects their  
ORCID iD to an  
organization



Researcher  
connects with a  
new organization



Previous  
organization can  
still read their  
ORCID record





# 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*

- 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

- 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*



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

# Thank you!



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

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