



LAUNCHING THE ORCID SERVICE FOR GLOBAL AUTHOR IDENTIFICATION

EuroCRIS Meeting

Madrid, 5 November, 2012

Consol García

ORCID Outreach Working Group

<https://orcid.org/0000-0001-8085-0088>



Thanks to Laure L. Haak, ORCID Executive Director

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

Topics

- ✓ What is ORCID? Benefits
- ✓ The ORCID Registry. How it works
- ✓ The launch (launch partners)
- ✓ Workflows
- ✓ Conclusions

ORCID

ORCID is an ***international, interdisciplinary, open, and not-for-profit*** organization created for the benefit of all stakeholders, including ***research organizations, research funders, publishers, and researchers***

We aim to transform the research ecosystem by providing a ***registry of persistent unique identifiers for researchers and scholars*** and ***automating linkages to research objects*** such as publications, grants, and patents.

Do we need it?

- ✓ Are these two names referring to the same person?
- ✓ Who is collaborating? inventing?
- ✓ Why do I have to re-enter this data every time I move?
- ✓ How can we accurately benchmark research strengths and impact?
- ✓ How do we keep our repository up to date?
- ✓ How can we find reviewers?
- ✓ How can we track people who participated in our programs?

Yes, we do

Facing the challenge

- Enlist all sectors in data collection and standards effort
- Adopt definitional standards within and across data sources and types
- Apply unique ID to person records across data sources and types

Connecting Research with Researchers

Without a way to discretely identify those participating in research across disciplines, organizations, and countries, **the research community lacks the ability to accurately and easily identify and link researchers and scholars with their professional activities.**

Benefits

- ✓ Supports researcher disambiguation - if ORCID adopted broadly can improve name search accuracy
- ✓ Can be linked with processes to automate repository deposition
- ✓ Reduces reporting burden for researchers and improves accuracy of research outcomes analysis
- ✓ Cross-organization visibility can enable collaborative analysis

ORCID Phase I System

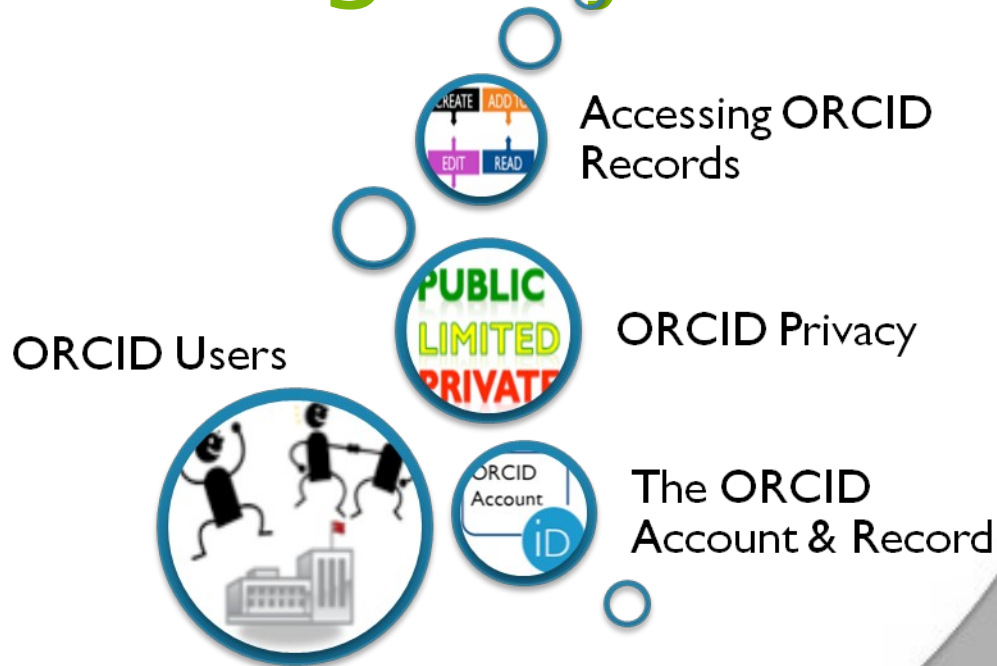
- ✓ Researcher self-claim, delegated management, and institutional record creation
- ✓ Fine-grained control of privacy settings
- ✓ Data exchange into grant and manuscript submission systems, and other identification/profile systems such as Scopus, RePEc, Researcher ID, and VIVO
- ✓ ORCID ID resolution and metadata search via GUI and REST API

The ORCID

<https://orcid.org/0000-0001-8085-0088>

- 16-digit number
- Expressed as an HTTP URI
- Compatible with ISO 277729 standard
- Last character is a checksum
(ISO/IEC 7064:2006, MOD 11,2)

Understanding the ORCID Registry

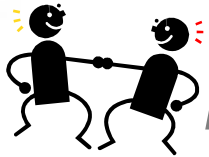


ORCID Users



The Scholar/Researcher

Individual for whom the ID and Record are created and maintained



Proxy(ies)

Individual(s) assigned by the Researcher to edit the ORCID Record on the Researcher's behalf (through the website)



Trusted Organization(s)

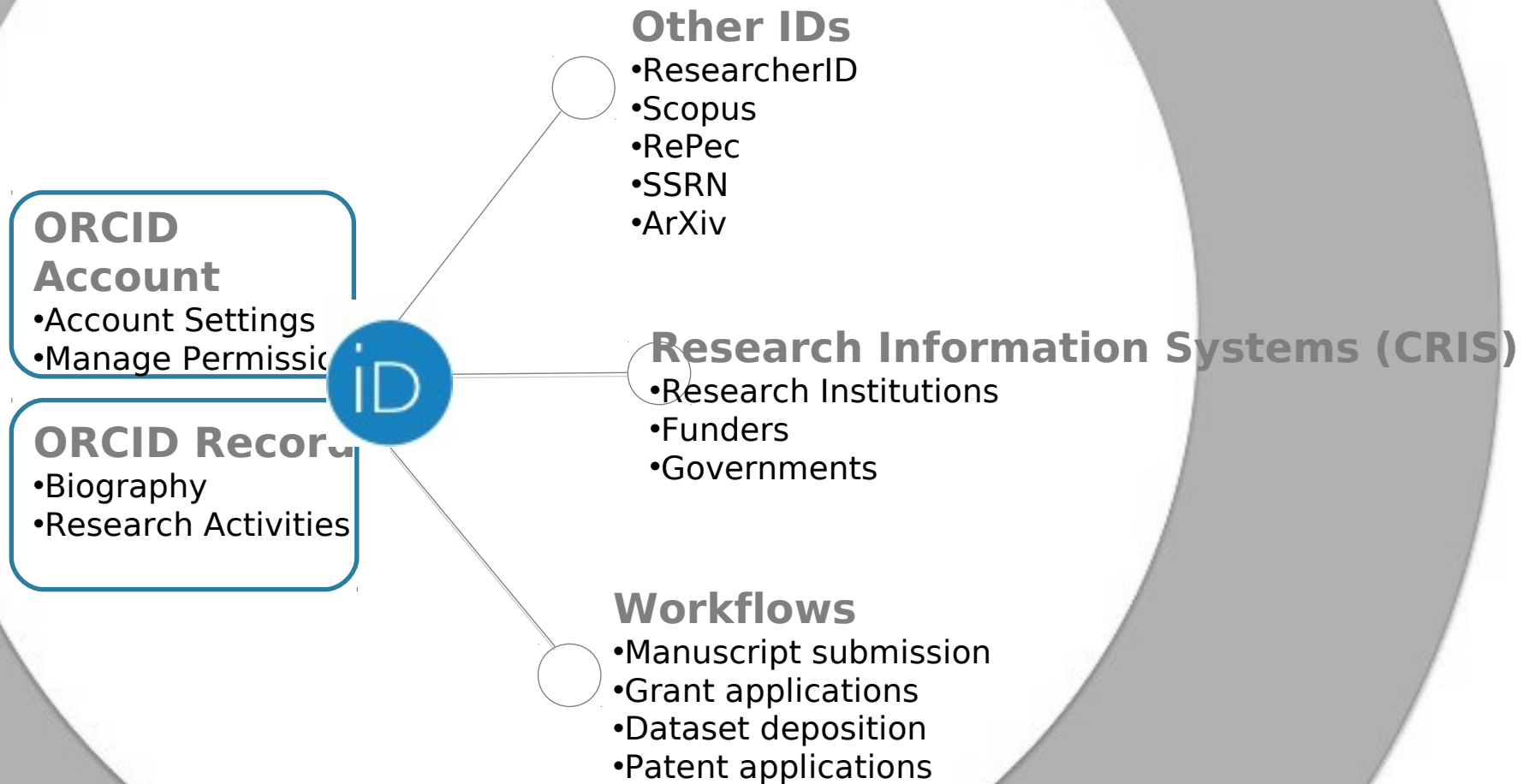
Organizations assigned by the Researcher to view, edit or add to the ORCID Record on the Researcher's behalf (through the API)



The ORCID Account Owner

The Researcher. If an institution creates an ID, could serve as account owner.

The ORCID Registry



ORCID Privacy

Account owner (or proxy) establishes privacy settings in ORCID Record.

PUBLIC

Accessible by anyone

LIMITED

Accessible by Account Owner, Proxy(ies), Trusted Organization(s)

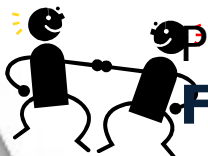
PRIVATE

Accessible by Account Owner, Proxy(ies)

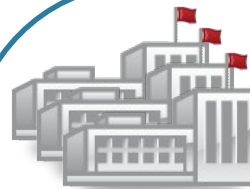
Accessing ORCID records



Scholar/Researcher
From the Website



Proxy(ies)
From the Website



Trusted Organizations
From the API

CREATE permission:
granted by ORCID only if employer



EDIT permission:
one time **ONLY** for short term;



granted at time of edit
APPEND permission:
one time **ONLY** for short term; granted at time of addition



READ permission:
granted until revoked by user



ORCID APIs

Public/Tier 1 API

- No token or registration needed
- Can only access data marked as public
- Can only READ

Member/Tier 2 API

- Registration and token needed
- With permission, can access data marked as limited
- Can READ, EDIT, APPEND. For employer institutions, it is also possible to CREATE

October launch

For Individuals

- Public Registry – Anyone can create an ORCID ID and search the Registry
- Anyone can create an ORCID Record, link ID to other identifier schemes and synch data, and enhance ID with information on research activities

For Member Organizations

- Updated APIs / XML
- Create IDs for employees and students
- Trusted relationship management to share information

ORCID Launch Partners

American Physical Society
AVEDAS
Cal Tech
Elsevier
Figshare
KNODE
SafetyLit
Thomson Reuters
Wellcome Trust

Aries Systems
Boston University
CrossRef
Faculty of 1000
Hindawi
Nature Publishing Group
Symplectic
Total-Impact

ORCID Users and Members

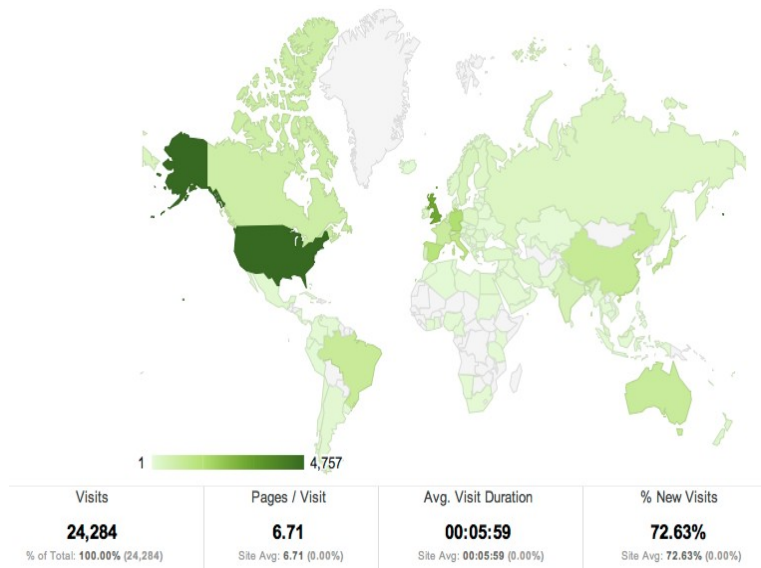
Two weeks after the launch...

8,395 registered users

13 member organizations

(funders, research organizations, publishers, and third-party developers)

ORCID Users and Members



Country / Territory	Visits	↓
1. United States	4,757	
2. United Kingdom	2,920	
3. Germany	1,656	
4. Spain	1,419	
5. Italy	1,160	
6. China	996	
7. Brazil	970	
8. Australia	946	
9. Japan	939	
10. France	850	

Example Workflows

1. Linking to other ID and importing publications
2. Linking to author record
3. Embedding in manuscript submission
4. Consuming ORCID data
5. Creating ORCID IDs for employees

1. Linking to other IDs

SEARCH  

ORCID
Connecting Research and Researchers

FOR RESEARCHERS **FOR ORGANIZATIONS** **ABOUT** **HELP** **SIGN OUT**

MY ORCID RECORD ACCOUNT SETTINGS SIGN OUT

Name: Scrolling window (Web page)
Input: Window - Auto Scroll (V)
Output: None Selected
Mode: Image Capture

or verifying your email!

Myriam Lipovsky

0000-0002-5387-9288

0000-0002-5387-9288

[View Public ORCID Record](#)

**IMPORT RESEARCH
ACTIVITIES**

0 Affiliations

COMING SOON

0 Works

UPDATE 

0 Grants

COMING SOON

Personal Information

Scopus to ORCID

has asked for the following access to your ORCID record

Read limited info from your profile

Add an external identifier to your profile

This application will not be able to see your ORCID password, or other private info in your profile

[Deny](#)

[Authorize](#)

1. Click on "Import" on ORCID Record Page
2. Select external ID to link to ORCID (not shown)
3. Approve data transfer

1 | [Select profiles](#)

2 | [Select profile name](#)

3 | [Review publications](#)

4 | [Review profile](#)

5 | [Send Author ID](#)

6 | **Send publications**

Scopus Author ID submitted

Your Author ID has been sent to ORCID. However, before we can send your publication list we must ask your permission. If you wish to send your list of publications to ORCID, please continue to the next step. Alternatively you can return to ORCID.

[return to ORCID](#)

Send my publication list

Scopus Feedback

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[Privacy Policy](#)
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Scopus to ORCID

has asked for the following access to your ORCID record

Add a publication to your publications list

This application will not be able to see your ORCID password, or other private info in your profile

Deny

Authorize

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.

Scopus documents submitted

Thank you for your request. We have now also sent your publication list to ORCID.

The Scopus Author Feedback Team

[return to ORCID](#)

Scopus Feedback

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[Privacy Policy](#)
[Cookie Policy](#)



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Dear consol garcia,

Thank you for registering for an ORCID account.

You can manage your ORCID record at <http://orcid.org/0000-0001-8085-0088>

To confirm your email address, copy and paste this link into your browser:

<http://orcid.org/verify-email/eXhMNzFYVm52OTI3VUs4NVE1VO1TTEcOZX1CbVN4TXQ>

The ORCID identifier is intended to help link you with your research works and activities. You may include your ORCID ID in processes such as manuscript submission and grant applications and synchronize the data in your ORCID record with other identifiers and external systems. You may add or edit data in your ORCID record, adjust privacy settings, and select trusted parties with whom to share your data.

If you have any questions about the registration process, please contact the ORCID support team at support@orcid.org. Please note that the sending email address cannot accept replies.

=====

Kind Regards,
The ORCID Team
support@orcid.org
<http://orcid.org>

2. Link Author Record to ORCID



Hindawi Publishing Corporation

Johannes W. Dietrich Update My Account Logout



Author Activities

Update Account

Use the following [page](#) to link your MTS account to an existing or a new ORCID account.

Basic Account Information (All fields marked with (*) are required fields)

*Given names	Johannes W.
*Last name	Dietrich
Suffix	
Title	Dr
*Email	johannes.dietrich@ruhr-uni-bochum.de
*Affiliation	Bergmannsheil University Hospitals
*Country	Germany

Change Password

Your Current Password		Your New Password		Confirm Your New Password	
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1. The user clicks the ORCID link to update their Author Account.

SIGN IN

Email or iD Password [Forgotten Password?](#)

DON'T HAVE AN ID? REGISTER

First name *Last name *Email *Re-enter email *Password *Re-enter
Password *

☐ * I consent to the [privacy policy](#) and [terms and conditions](#) of use, including allowing those who access the database to make commercial uses of the public data.

☐ Send me notifications about changes to my ORCID Record.

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

2. The user signs in or registers on ORCID

Hindawi Manuscript Tracking System

has asked for the following access to your ORCID record

Read limited info from your biography

This application will not be able to see your ORCID password, or other private info in your profile

3. The user authorizes Hindawi MTS client app to access ORCID data.

Hindawi Manuscript Tracking System

Hindawi's Manuscript Tracking System is used to manage the review process of Hindawi's 400+ open access journals.

Author Activities

Update Account

Basic Account Information (All fields marked with (*) are required fields)

ORCID ID	0000-0002-1185-3549
*Given names	Johannes W.
*Last name	Dietrich
Suffix	
Title	Dr
*Email	johannes.dietrich@ruhr-uni-bochum.de
*Affiliation	Bergmannsheil University Hospitals
*Country	Germany

4. The user is redirected to Update Account page, now with ORCID ID displayed.

Coming....

- When an author publishes an articles with Hindawi his/her list of publications on ORCID will be updated with the new article.
- Adding a Link pointing to the author public profile on ORCID, on our author pages.
- While submitting a paper an author will be able to search for his co-authors on ORCID.



Researcher ID

RESEARCHERID

[Home](#) [My Researcher Profile](#) [Refer a Colleague](#) [Logout](#) [Search](#)

Garcia, Consol

[Get A Badge](#)

ResearcherID

[Labs](#)

Your labs page and badge
show only your public data

[Manage Profile](#)

ResearcherID: B-9276-2009

Other Names:

E-mail: consol.garcia@upc.edu

URL: <http://www.researcherid.com/rid/B-9276-2009>

Subject: [Enter a Subject](#)

Keywords: [Enter a Keyword](#)

ORCID: <http://orcid.org/0000-0001-8085-0088>

Description: [Enter a Description](#)

My URLs:

My Institutions [\(more details\)](#)

Primary Institution: Universitat Politecnica de Catalunya UPC

Sub-org./Dept:

Role: Librarian

Joint Affiliation:

Sub-org./Dept:

Role:

Past Institutions:

SEARCH

ORCID

Connecting Research
and Researchers

Consol Garcia

0000-0001-8085-0088

Published name:

Garcia, Consol

[View Public ORCID Record](#)

UPDATE [↑](#)

Also known as:

Garcia G., Consol

Garcia, G.C.

Garcia-Gomez, C.

Garcia Gomez, Consol

Other IDs:

Scopus Author ID 55176733900

[Import Research Activities](#)

SCOPUS ID

3. Integration in manuscript submission process

nature.com : Sitemap Cart : Login : Register

Search [Advanced search](#)

nature.com

Register now!

Registering for a free nature.com account allows you to select research articles, and more. Your account will allow you to access subscriptions. Please see our [privacy policy](#) and use of cookies. (Fields marked with a * are required.)

Create/link an Open Researcher and Contributor ID (ORCID)

The Open Researcher and Contributor Identifier (ORCID) connects research and researchers. ORCID provides a registry of unique identifiers that is open, non-proprietary, transparent, mobile, and community-based. To help the scientific community, please create or link your existing ORCID here. Linking will require us to send you to ORCID to authenticate.

Registration benefits

1. Saved searches
2. Free articles and content
3. Free subscription newsletters to your favorite products

* Name	First Last
* E-mail address	 A confirmation email will be sent to this address
* Password	Password Strength ☐ ☐ ☐ ☐ ☐ 8 character minimum
* Confirm password	
* Terms and conditions	☐ * I agree to the terms and conditions (Printable version) Nature Terms and Conditions These Terms and Conditions ("Terms") apply to the Nature.com website and all other websites operated by Nature Publishing Group (the "Site") including, by way of example, Nature Methods, Nature Previews, Nature Portfolio, and

On nature.com and in NPG eJournal Press manuscript submission system users can create or link to an ORCID ID. Clicking on "create" takes a user to ORCID Registry.

4. Apps that consume ORCID data

The screenshot shows the ImpactStory website. At the top left is the 'ImpactStory.' logo. To its right are navigation links: 'create', 'about', 'follow', 'register', and 'log in'. In the top right corner is a blue 'BETA' badge with the text 'Send us your feedback!'. The main content area has a large heading 'Tell the full story of your research impact.' followed by a paragraph: 'ImpactStory aggregates altmetrics: diverse impacts from your articles, datasets, blog posts, and more.' Below this is a blue button labeled 'Make my impact report' and a link 'or, show me a sample report'. To the right of this is a white box with the heading 'New!' and the text 'Have you registered for an ORCID ID yet? Create an ImpactStory report using' followed by a large 'ORCID' logo. The bottom of the page features a row of logos for various sources: 'We track impact across the Web:', 'citeulike', 'crossref', 'delicious', 'DRYAD', 'F1000 FACULTY1000', 'facebook', 'github', 'MENDELEY', 'ORCID', 'PLOS', 'PubMed Central', 'PubMed', 'ScienceSeeker', 'Scopus', 'slideshare', 'twitter', and 'WIKIPEDIA The Free Encyclopedia'.

ImpactStory. create about follow register log in **BETA** Send us your feedback!

Tell the full story of your research impact.

ImpactStory aggregates **altmetrics**: diverse impacts from your articles, datasets, blog posts, and more.

Make my impact report or, show me a sample report

New! Have you registered for an ORCID ID yet? Create an ImpactStory report using

ORCID

We track impact across the Web:

citeulike crossref delicious DRYPAD F1000 FACULTY1000 facebook github SOCIAL CODING MENDELEY ORCID PLOS PubMed Central PubMed ScienceSeeker Scopus slideshare Present Yourself twitter WIKIPEDIA The Free Encyclopedia

Import Articles from ORCID

Just enter your **ORCID ID** (for example, *0000-0001-5109-3700*). We'll import the public **publication Works** associated with your ORCID record.

If you don't have an ORCID ID yet, it only takes a few minutes to **register for one** and automatically add your publications to it.

ImpactStory only imports **public** publications. If your Works are currently listed in your ORCID profile as "limited" or "private", you can change them to "public" on your **ORCID Works update** page.

We currently only import Works with dois — stay tuned for more work types soon!

ImpactStory.

[create](#) [about](#) [follow](#) [register](#) [log in](#)

create collection

Articles from ORCID

0000-0001-5109-3700

12 items added

[\(Click here for help\)](#)

article

Frequency-dependent regulation of rat hippocampal somato-dendritic excitability by the K⁺ channel subunit Kv2.1 [🔗](#)

(2000) Du, Haak, Phillips-Tansey et al. *J Physiology*

highly saved

Modulation of photic response by the metabotropic glutamate receptor agonist t-ACPD [🔗](#)

(2006) Haak, Albers, Mintz *Brain Research Bulletin*

saved cited

Standards and Infrastructure for Innovation Data Exchange [🔗](#)

(2012) Haak, Baker, Ginther et al. *Science*

saved

Career Q&A: Laurel Haak and the ORCID Project [🔗](#)

(2012) Austin *Science*

discussed

Mitochondria regulate Ca²⁺ wave initiation and inositol trisphosphate signal transduction in oligodendrocyte progenitors [🔗](#)

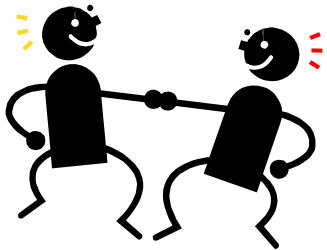
(2002) Haak, Grimaldi, Smalli et al. *J Neurochem*

cited

5. Creating ORCID IDs for Employees

Organizations can spearhead ORCID ID/Record creation

1



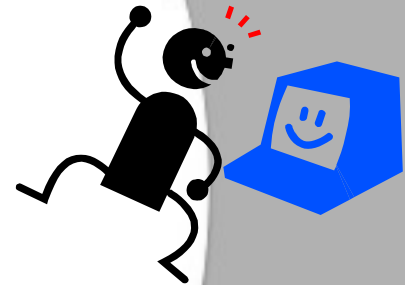
Get permission from Researchers via your own processes and policies

2



Gather information and create the ORCID ID/Record via the API

3



ORCID notifies researchers who can claim and manage their ID/Record

ORCID Research Organization Workflow

- Create trans-organization record for all scholars and researchers (students)

- Auto-updates for researcher publications, patents, grants, etc.

- Management of Institutional Repository

- Reduced document management workload for researchers

Organization creates ORCID field in local personnel system



- Organization uses Tier 2 API to upload basic information for staff member to ORCID

- ORCID system searches for matching records

- Organization prompted to resolve duplicates

- ORCID record creation notice sent to researcher

- Researcher logs into ORCID to claim ORCID record and accept

organization as trusted party

Organization set up to receive updates from ORCID

Need more information?

- Find out more about at <http://about.orcid.org/>
- Membership information at <http://about.orcid.org/membership/>
- Learn more about tools to embed ORCID IDs at <http://support.orcid.org/knowledgebase/articles/114746-explore-the-api-with-tools-and-consoles/>
- Learn more about development tools at <http://dev.orcid.org/>
- UML Flow Diagram <http://goo.gl/l9wIB>
- Technical Support <http://support.orcid.org/>
- Follow @ORCID_Org on Twitter and ORCID news blog
- Contact the ORCID Executive Director at l.haak@orcid.org

Conclusions

Researchers must see the benefit of creating ORCIDs

Incorporate metadata into the Registry to enable future dissambiguation efforts

Better bibliographic data /XML

Data extractions/statistics

CRIS must embed ORCIDs, synchronize and update research activity data