ORCID: Persistent Identifiers for Researchers and Contributors

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An illustrative example:  

<table>
<thead>
<tr>
<th>Name 1</th>
<th>Name 2</th>
<th>Name 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. Å. S. Sørensen</td>
<td>J. Åge S. Sørensen</td>
<td>Jeni Åge S. Sørensen</td>
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<td>J. Å. S. Sørensen</td>
<td>J. Aage S. Sørensen</td>
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</table>

And on and on it goes ...
“Estimates by China's Ministry of Public Security suggest that more than 1.1 billion people — around 85% of China's population — share just 129 surnames. Problems with abbreviations, ordering of given names and surnames and inconsistent journal practices heighten the confusion.”

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

Narcolepsy
Hibernation
*Stanford Univ.*
1988-1991

Circadian Rhythms
Glutamate Receptors
*Stanford Univ.*
1997-2006

Calcium Sparks
Neuron-Glial Signals
Potassium Channels
*NIH*
1997-2002

Postdoc Policy
*AAAS*
2001-2003

Science Workforce
Women in Science
Interdisciplinary Research
*NAS*
2003-2007

Research Policy & Infrastructure
Evaluation Metrics
*Discovery Logic*
2007-2012

One person or many

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Multiple Contribution Types

- **Funding**
  - Grants
  - Contracts
  - Seed Funding
  - Coop Agreements

- **Publications**
  - Journal Articles
  - Books
  - Patents
  - Legal Briefs
  - Algorithms
  - Software Code

- **Datasets**
  - Physical Objects
  - Electronic Files
  - Protein Structures
  - Genetic Sequences

- **Impacts**
  - Policy
  - Legal
  - Health
  - Environment
  - Education
  - Product Development
  - Spin Off
  - Workforce

- **Affiliations**
  - Employer
  - Professional Associations
  - Education

- **People**
  - Team
  - Collaborations
  - Trainees

- **Service Activities**
  - Peer Review
  - Working Groups
  - Leadership Positions
  - Training and Mentoring

- **Idea**
What does ORCID do?

- ORCID provides a unique and persistent identifier that can be used throughout one’s career, across professional activities, affiliations, and languages.

- ORCID iD is integrated in standard workflows and embedded in works metadata, independent of platform so there is no more mess to clean up.

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How does ORCID work?

- DEMO: Import Wizards and Affiliations
- DEMO: Funding and Import Tools
Contains:

- Biographical Data
- Education Data
- Employment Data
- Works Data
Biographical Data

Include

Name ➔ Variations

Include URLs

Include Multiple Emails
Education Data

Employment Data

ADD EDUCATION

Institution

Massachusetts Institute of Technology
Cambridge, MA, academic

Massachusetts Group Insurance Commission
Boston, MA, public

Massachusetts Intergovt Insurance Association
Boston, MA, other/assoc

Associated Industries of Massachusetts
Boston, MA, other/assoc

Massachusetts Eye and Ear Infirmary
Boston, MA, academic/hospital

Department
Add department

Degree/title

Start date

End date (leave blank if current)

Who can see this?

Organization list from Ringgold (an ISNI Registrar)
The ORCID Record

Works Data

ADD WORK

- Classifications & metadata fields consistent w/CASRAI
- Translated titles & language support
- Structured citations in BibTeX

IMPORT WORKS

Import Wizards:
- ANDS Registry
- CrossRef Metadata Search
- DataCite Metadata Store
- Europe PubMed Central
- ResearcherID
- Scopus
- ISNI (via ORCID EU/ODIN)
Funding

- In Sandbox (use ?funding at the end of the URL)
- Funding agencies list coordinated with FundRef
- Metadata fields consistent with CASRAI dictionary
- Will include Funding import wizards
New Features in 2014

- Funding
- New languages
- Account Delegation
- Third-party assertions
- New search and link wizards
- User messaging/account updates
- Continuing to harmonize metadata

To keep up-to-date on ORCID features, subscribe to our newsletter at http://orcid.org/about/news or follow us on twitter @ORCID_Org
• 34 countries >10,000 unique visitors
• 82 countries >1,000 unique visitors
• Registry supports multiple character sets
• Content in Spanish, French, English, and Chinese (adding Portuguese, Korean, Japanese, and Russian in 2014)
Registrations growing steadily

ORCID has issued over 500,000 identifiers since our launch in October 2012

- **Member Creator**
- **Website**
- **Trusted party**
Who is Integrating?

- Research Funders
- Professional Associations
- Publishers
- Universities and Research Orgs
- Repositories, CRIS Vendors, Metrics Providers

For a list of organizations and integrations see [http://orcid.org/organizations/integrators](http://orcid.org/organizations/integrators)
ORCID has over **120 members**, from a broad cross-section of the international research community.
...and over 60 ambassadors representing every continent, sector, and career stage resources to support outreach and integration are available on the ORCID website.
Get your ORCID Gear!

http://www.cafepress.com/orcid
ORCID works collaboratively with the research community to ensure use and adoption of research information exchange standards.
• ORCID links to and includes identifiers from other systems.
  • DOIs, ISBNs, ISNIs, PubMed IDs, education and employment IDs, FundRef Registry, grant numbers, etc.
  • Each item in an ORCID Record can have multiple external identifiers, allowing cross-linking
• ORCID uses standard CASRAI classifications and definitions to express and exchange data
• Alfred P. Sloan Foundation award to support implementation of ORCID identifiers by universities and professional associations
• ORCID providing in-person policy and technical support
• Use cases, workflows, and code samples will be showcased at ORCID Outreach meeting, Chicago, IL, May 21, 2014.
• More information at http://orcid.org/content/adoption-and-integration-program
ORCID is an independent non-profit organization supported by member fees.

We provide an open registry of unique identifiers for researchers, and APIs for the community to embed identifiers in research systems and workflows.

Data marked public by researchers is published annually by ORCID under a CC0 waiver.

ORCID code is available on our GitHub open source repository and we support community efforts to develop tools and services.
Join us May 21-22 in Chicago for ORCID’s Spring Outreach meeting.

Integration prototype demos by universities and professional associations

Use cases for faculty information systems, electronic theses workflows, data repositories, access management workflows, and association management systems

Registration opens in March at https://orcid.org/events/Chicago2014
Thank you!

- Find out more at [http://orcid.org](http://orcid.org)
- More on membership at [http://orcid.org/about/membership](http://orcid.org/about/membership)
- Learn about tools to embed ORCID iDs at [http://support.orcid.org/knowledgebase/](http://support.orcid.org/knowledgebase/)
- Subscribe to our blog at [http://orcid.org/about/news](http://orcid.org/about/news) and follow @ORCID_Org on Twitter
- Contact the ORCID Executive Director at l.haak@orcid.org