ORCID for Research Impact
Biomedical & Life Sciences

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https://orcid.org/0000-0002-1196-6279
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What is ORCID?

ORCID = Open Researcher & Contributor Identifier

- ORCID iD: https://orcid.org/0000-0002-1196-6279
Why ORCID?

The Value of Using Unique Identifiers for Researchers

What's in a Name?
Most names are not unique

Names may change through marriage or other circumstances

Many people have the same name

People use different versions of their name during their career

idydocserv.com/US44453318
Mitigate confusion caused by name ambiguity
Mitigate confusion caused by name ambiguity

FAIRsharing, a cohesive community approach to the growth in standards, repositories and policies


doi: https://doi.org/10.1101/245183

Source: https://www.biorxiv.org/content/early/2018/09/26/245183
### Sheila Rabun

**ORCID ID**

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**Also known as**

S.J. Rabun

**Country**

United States

**Email**

sheila.rabun@lyrasis.org

### Employment (6)

**Lyris: Atlanta, GA**

- 2018-05-01 to present | ORCID US Community Specialist (Licensing and Strategic Partnerships)
- Employment

**Source:** Sheila Rabun

### Education and qualifications (4)

**University of Washington Information School: Seattle, WA**

- 2016-08 to present | Masters in Library and Information Science
- Education

**Source:** Sheila Rabun

### Works (17 of 17)

**ORCID for System Interoperability in Scholarly Communication Workflows**

- ACRL Tech Connect
- 2018-12-18 | newsletter-article

**Source:** Sheila Rabun
Research Impact Challenge

The 30-Day Impact Challenge
The Ultimate Guide to Raising the Profile of Your Research

Stacy Konkiel

Day 1: Register your ORCID and associate it with your U-M identity

Day 2: Claim your Google Scholar Profile

Day 3: Preserve and Share your work with a Digital Repository

Day 4: Social Media Audit

Day 5: Your personal web page--pulling the pieces together

Day 6: What I do, what’s important to me, & what "counts"

Day 7: Finding appropriate metrics

Day 8: The h-index (and other citations metrics)

Research Impact Challenge

The U-M Library offered a two-week virtual Research Impact Challenge from January 14-January 25, 2019. Each business day, participants received an email describing one activity they could do that day to improve their online scholarly presence, better understand and communicate the impact of their research, or reach new audiences for their work. The activities varied, but were designed to take anywhere from 5 to 30 minutes. The materials from the 10 challenge activities are made available in this guide for anyone to use.

Week 1 of the challenge (days 1-5) focuses on online scholarly presence: how can you ensure that you and your work are represented accurately and appropriately on the web?

Week 2 of the challenge (days 6-10) focuses on the various ways to measure the success and impact of scholarly work, and strategies for situating yourself and your research in order to make a compelling case for your work.

Let's get started!

https://guides.lib.umich.edu/research-impact-challenge
ORCID Ecosystem: Interoperability

INTEROPERABILITY

ENTER ONCE
REUSE OFTEN

PUBLISHER
Assert authorship

CONNECT
COLLECT

RESEARCHER
https://orcid.org/
0000-0001-2345-6789

CONNECT
COLLECT

FUNDER
Assert award

CONNECT
COLLECT

EMPLOYER
Assert affiliation

Connections & Automation via the ORCID API
6+ million ORCID iDs registered!
ORCID Benefits for Research Institutions

- **Mitigate** confusion caused by name ambiguity
- **Assess** individual contributions & measure institutional impact
- **Assert** trustworthy & accurate affiliations
- **Save** time & reduce administrative burden
Evidence of Institutional Value

Examples of time/staff savings achieved by implementing ORCID from around the world

**UK:** 0.2 – 0.4 FTEs per institution\(^1\)
**Portugal:** 100,000 researcher hours per year\(^2\)
**Australia:** 15-30 minutes per grant application\(^3\)

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"Having ORCID iDs for most of our researchers has helped in providing authoritative accounts in our various databases, ensuring accuracy in reviewer identities, and helping editors find reviewers and check expertise."

—Brooks Hanson, Executive Vice President, Science, American Geophysical Union
Assess contributions & measure impact

ORCID + Research Reporting System vendor integrations

And more...

More info: http://members.orcid.org/api/orcid-enabled-systems
Assess contributions & measure impact

Image source: Melroy Almeida, Australian Access Federation
https://public.tableau.com/profile/melroy#!/
Assess contributions & measure impact

Example: Individual Career Impact Dashboard

Source: Jamie McKee, Altum, Health Research Alliance. https://orcid.figshare.com/articles/ORCID_ROI_for_Funders/8184317
Assess contributions & measure impact

Example: Program Impact - Multiple Researchers

Source: Jamie McKee, Altum, Health Research Alliance.
https://orcid.figshare.com/articles/ORCID_ROI_for_Funders/8184317
Examples: Writing data to researchers’ ORCID records

- John O'Connor
  - ORCID ID: orcid.org/0000-0003-3252-8312
  - Source: Boston College

- Ricardo Fuentes
  - ORCID iD: https://orcid.org/0000-0001-5187-0143
  - Source: Boston College
  - Works:
    - Study of Residue Patterns of Aqueous Nanofluid Droplets with Different Particle Sizes and Concentrations on Different Substrates
      - International Journal of Heat and Mass Transfer
      - 2017 | journal-article
      - HANDLE: 1783.1/81855
      - DOI: 10.1016/j.ijheatmasstransfer.2016.09.093
      - Source: Hong Kong University of Science and Technology
New data points for ORCID API 3.0:

- Qualifications
- Invited Positions
- Distinctions
- Membership
- Service
- Research Resources
Only organizations can assert **Research Resources**:

<table>
<thead>
<tr>
<th>Resource type</th>
<th>Definition</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Infrastructure</strong></td>
<td>A facility, building, or other physical space used to perform research.</td>
<td>Neutron spallation source, animal facility, data enclave, archaeological site, telescope array. ships, planes, farms, laboratories.</td>
</tr>
<tr>
<td><strong>Collection</strong></td>
<td>An object or group of objects used for research purposes; can be tangible or digital.</td>
<td>Ocean mission, field campaign, collaborative data sets or resources, rare book collection; museum collection, biological specimen collection.</td>
</tr>
<tr>
<td><strong>Equipment</strong></td>
<td>Hardware used for research purposes.</td>
<td>Microscope, computers, glassware, samples, materials.</td>
</tr>
<tr>
<td><strong>Service</strong></td>
<td>Services used for research purposes.</td>
<td>Proteomics analysis, computing services, data analysis, logistical support, legal services, copyediting, expert or staff advisement.</td>
</tr>
</tbody>
</table>
How Organizations and Researchers Benefit

**INSTITUTIONS**
- Save time and reduce errors with automated information-sharing and cross-system interoperability
- Manage your organization name and your researchers' connections with it
- Maintain links with your researchers - past, present, and future

**RESEARCHERS**
- Improve recognition and discoverability of their research
- Spend more time doing research, less time managing it
- Control and manage a trusted and easily shareable record of their research activities and affiliations – for free