



ORCID

FAIR Facilities and Instruments workshop

September, 2023



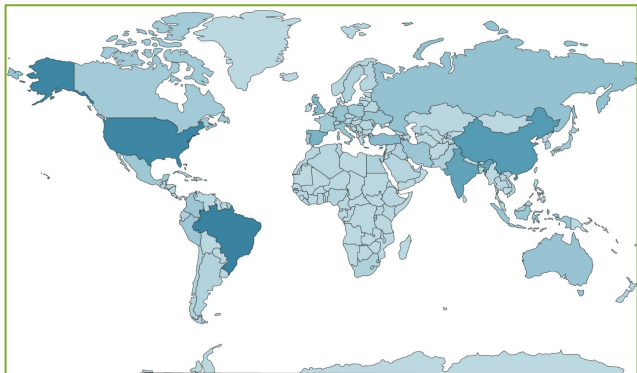
Shawna Sadler, Engagement Manager

A Few ORCID Facts

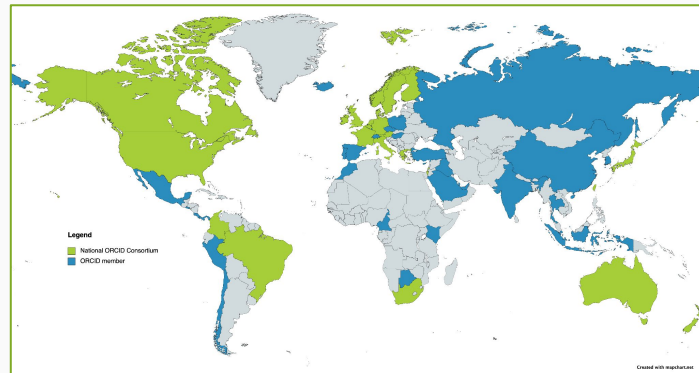
- Research infrastructure services
- Independent not-for-profit open to participation by all
- Registry launched in 2012
- Sustained by fees from our member organizations
- Guided by our [values and founding principles](#)
- Community-governed by a Board of Directors representative of our membership



We have broad adoption around the world



Users in 250 countries
(All ISO recognized countries)



Member organizations
in 57 countries

Yearly Active Researchers

9.34M

Organizational
Members

1,286

Active Integrated
Member Systems

4,702



Open Researcher and Contributor Identifier, provides three main services



1. The ORCID iD
A unique, persistent identifier free of charge to researchers
<https://orcid.org/0000-0002-6103-5034>



2. An ORCID record/profile
Connected to the ORCID iD, that can include employment, education and research output metadata



3. Application Programming Interfaces (APIs)
To enable the data exchange between ORCID records and member organizations



[https://orcid.org/
0000-0002-6103-5034](https://orcid.org/0000-0002-6103-5034)

Other IDs >

ResearcherID: A-2576-2016
Scopus Author ID: 18134558900
JRIN: 100059.400.200.182.0000-0002-6103-5034

Countries >

Canada, Australia, United States

Is this you? [Sign in to start editing](#)

Printable version

Name

Shawna Sadler

Also known as
S. Sadler, Sh. Sadler >

Biography

Shawna heads up Outreach & Partnerships at ORCID, building strategic relationships worldwide and exploring new opportunities for adoption and growth. Previously, Shawna was ORCID's Engagement Manager for the Americas continuing the adoption and integration of ORCID in North, Central and South America and the Caribbean. Shawna joined ORCID in 2019 with a long history of connecting researchers to innovative technologies in Canada, Australia and the United States.

Activities

[Collapse all](#)

▼ Employment (9)

ORCID: Bethesda, US

2021-04-01 to present | Engagement Manager, Outreach & Partnerships (Engagement) Employment [Show more detail](#)

Source: ORCID *via* ORCID Member Portal

ORCID: Bethesda, US

2019-05-21 to 2021-03-31 | Engagement Manager, Americas and Caribbean (Engagement) Employment [Show more detail](#)

Source: ORCID *via* ORCID Member Portal

Sadler Studio: Calgary, Alberta, CA

2016-04 to 2019-05 | Director Employment [Show more detail](#)

Source: Shawna Sadler

Deakin University - Geelong Waterfront Campus: Geelong, VIC, AU

Information on ORCID records can help

Researchers can add:

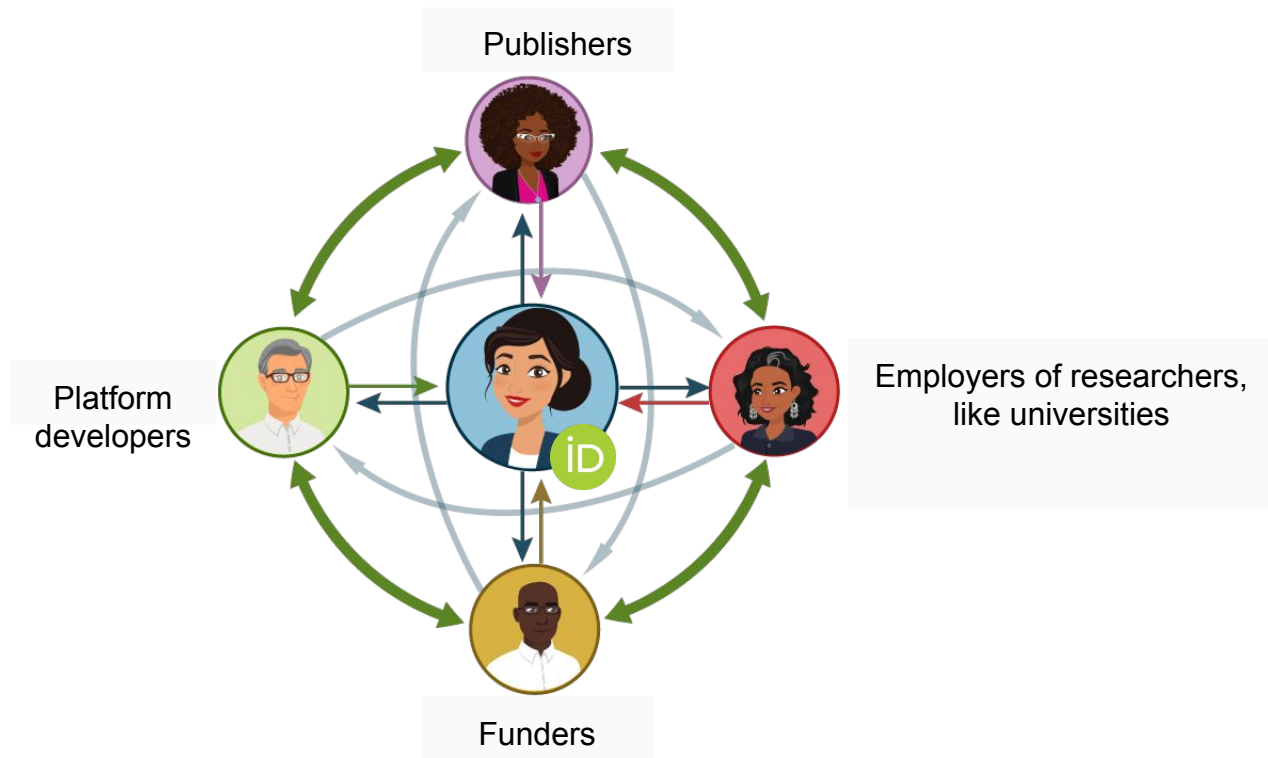
- Affiliations
- Professional activities
- Funding information
- Publications
- Other outputs
- Website URLs

ORCID Member organizations can add:

- Peer Review
- Research Resources

The screenshot shows an ORCID iD profile for Sofia Maria Hernandez Garcia. The profile includes a header with the ORCID logo and the URL <https://orcid.org/0000-0001-5727-2427>. Below the header, there are sections for Emails (s.garcia@orcid.org), Websites & social links (Faculty profile webpage), Other IDs (Profile system identifier: A-123456, ResearcherID: L-8716-2018, eScientist: 0000-0001-5727-2427), and Countries (United States). The main content area is titled "Sofia Maria Hernandez Garcia" and includes a "Name" field (Sofia Garcia) and an "Also known as" field (S. M. Garcia, Sofia Maria Garcia). The Biography section states: "Sofia Maria Hernandez Garcia is used for testing and demonstrating ORCID records." The Activities section is expanded, showing a list of activities: Employment (2), Education and qualifications (4), Invited positions and distinctions (3), Membership and service (2), Funding (1), Research resources (2), Works (7), and Peer review (2). Each activity has a "Sort" button.

ORCID is the hub for an immense amount of profile activity with over 4,700 interconnected systems



Example record

<https://orcid.org/0000-0001-5284-2339>



Research resources (7) Sort

Neutron Beam Award at Spallation Neutron Source (SNS) Show less detail

Oak Ridge National Laboratory (Oak Ridge, TN, US)
2021-07-01 to 2021-12-31
SOURCE-WORK-ID: IPTS-27170, IPTS-27284

Oak Ridge National Laboratory (Oak Ridge, TN, US)

Organization identifiers
RINGGOLD: 6146
Oak Ridge National Laboratory: Oak Ridge, TN, US

Other organization identifiers provided by RINGGOLD
ISNI: [000000404462659](https://orcid.org/000000404462659)
OFR: <http://dx.doi.org/10.13039/100006228>

URL
<https://neutrons.ornl.gov>

Added
2022-01-10

Last modified
2022-01-10

EQUIPMENT CORELLI, HYSPEC, POWGEN Show less detail

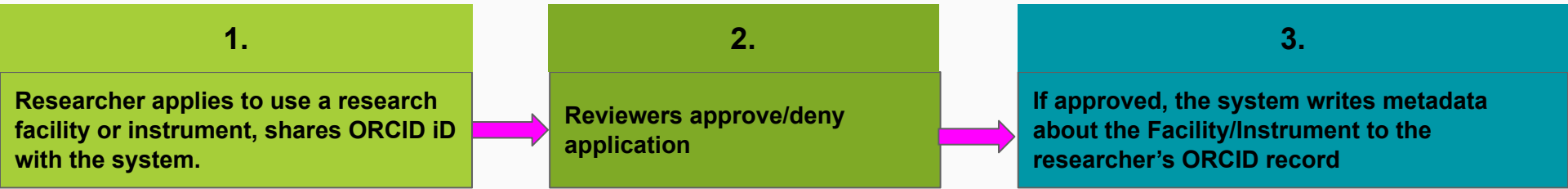
URI: <https://neutrons.ornl.gov>
Oak Ridge National Laboratory (Oak Ridge, TN, US)

Organization identifiers
RINGGOLD: 6146
Oak Ridge National Laboratory: Oak Ridge, TN, US

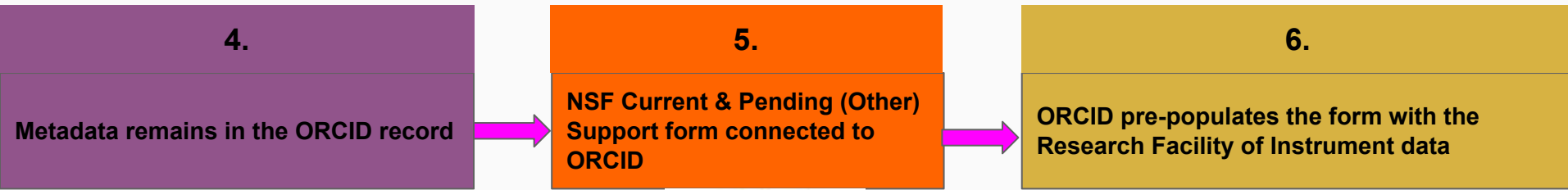
Other organization identifiers provided by RINGGOLD
ISNI: [000000404462659](https://orcid.org/000000404462659)
OFR: <http://dx.doi.org/10.13039/100006228>

Source: Oak Ridge National Laboratory

Workflow: ORCID & Research Facility / Instrument



Workflow: ORCID & Research Facility / Instrument



Example record

<https://orcid.org/0000-0001-9590-3728>

Research resources (2) Sort

Creating XIMG, the X-ray Imaging of Microstructures Gateway

Extreme Science And Engineering Discovery Environment (Urbana, Illinois, US)
2021-04-26 to 2022-05-01
URI: <https://www.xras.org/public/requests/41468-XSEDE-CHE210037> [Show less detail](#)

Extreme Science And Engineering Discovery Environment (Urbana, Illinois, US)

Organization identifiers
GRID: grid.501421.3
Extreme Science and Engineering Discovery Environment: Urbana, Illinois, US
<https://www.xsede.org/>

Other organization identifiers provided by GRID
ROR: <https://ror.org/05524hb64>
WIKIPEDIA_URL:


URL
<https://www.xras.org/public/requests/41468-XSEDE-CHE210037>

Added
2021-04-27

Last modified
2023-03-23

● INFRASTRUCTURES **SDSC Dell Cluster with AMD Rome HDR IB (Expense)** [Show more detail](#)

● INFRASTRUCTURES **SDSC Expense Projects Storage** [Show more detail](#)

Source:  ACCESS

Example record

<https://orcid.org/0000-0002-7669-3072>



Research resources (2) Sort

Deciphering interactions hypothesized to lead to high productivity in high pH-high alkalinity phototrophically driven microbial communities Show less detail

Environmental Molecular Sciences Laboratory (Richland, WA, US)
Joint Genome Institute (Berkeley, CA, US)
2019-10-01 to 2021-03-31
DOI: [10.25582/v01_proj_2019_50943](https://doi.org/10.25582/v01_proj_2019_50943)
OTHER-ID: [Project ID 505601](#)

Environmental Molecular Sciences Laboratory (Richland, WA, US)

Organization identifiers
GRID: [grid.436923.9](#)
Environmental Molecular Sciences Laboratory: Richland, Washington, US
<http://www.emsl.pnl.gov/emslweb/>

Other organization identifiers provided by GRID
ISNI: [0000000403736523](#)
ORGFREF: 19642725
ROR: <https://ror.org/04rc0xn13>
WIKIDATA: [Q5381141](#)
WIKIPEDIA_URL: https://en.wikipedia.org/wiki/Environmental_Molecular_Sciences_Laboratory (preferred)

Added
2019-07-25
Last modified
2019-07-25

Joint Genome Institute (Berkeley, CA, US)

Organization identifiers
GRID: [grid.451309.a](#)
Joint Genome Institute: Berkeley, California, US
<http://jgi.doe.gov/>

Other organization identifiers provided by GRID
ISNI: [000000040449479X](#)
ROR: <https://ror.org/04xm1d337>
WIKIDATA: [Q3183039](#)
WIKIPEDIA_URL: https://en.wikipedia.org/wiki/Joint_Genome_Institute (preferred)

Added
2019-07-25
Last modified
2019-07-25

● INFRASTRUCTURES **EMSL Facility** Show more detail

● INFRASTRUCTURES **Joint Genome Institute** Show more detail

Source: ✓ Environmental Molecular Sciences Laboratory (EMSL)

ORCID member organizations add validated information

When an ORCID member updates an ORCID record, the source (provenance) of that update is captured for re-use:

- Research organizations add affiliations
- Publishers add outputs and review activity
- Funders add funding items



These provide 'trust markers' that can be used to help in decision making.



University of Oxford: Oxford, Oxfordshire, GB

(Said Business School)
Employment

Source: ORCID Integration at the University of Oxford

▼ Review activity for **British journal of Cancer** (1)

Journal, British journal of Cancer
ISSN: [1532-1827](#)

Review date: 2020-11-16

Type: Review

Role: Reviewer



Source: Nature Publishing Group

Benefits to Facility Administrators

1. Structure the data with PIDs to make your data interoperable with external systems
2. Collect live data about publications and funding related to your Facility
3. Collect, analyze and report on this data
4. Provide ROI data to your stakeholders
 - a. Researchers that used your facility
 - b. Funding that was related to your facility
 - c. Publications that came as a result of your facility

Benefits to Researchers

1. Recognition for professional activities on record

2. Easily report affiliation with the facility

- a. NSF: Current and Pending (Other) Support form
 - i. Research affiliations
 - ii. In-Kind contributions
- b. Annual report to employer

3. Trust, Transparency & Reproducibility of Science

- a. Clearly identify where the research was conducted
- b. Which instruments were used

Reduce the burden of administering grants and track their impact in a cost-effective way.



Trustworthy award attribution. Ensure the right applicant is awarded, and enable better transparency throughout the funding process. Preserve the integrity of downstream analysis.



Enhanced ease of reviewer selection. More complete applicant data makes reviewer selection process easier and helps to discover possible conflicts of interest. When recruiting new reviewers, program managers can assign reviews based on previous contributions and activities, even across other funders.



Increased research ROI. Writing rich data to ORCID records can potentially allow better tracking of research outcomes supported by your funding, ultimately leading to better resource allocation decisions.



Accurate attribution and enhanced discoverability. Standardized identifiers and open data can help increase discoverability, recognition, and accuracy of attribution of the research you fund or facilitate, even beyond the period of performance.

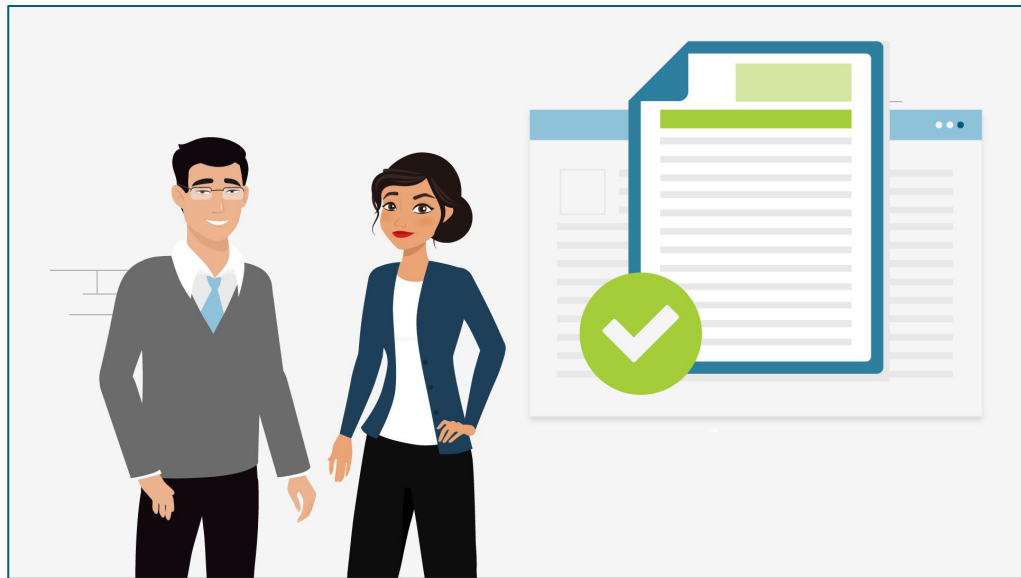








Reduced administrative burden for both your staff and researchers. Re-use of standardized data improves quality and accuracy and can save time, money and effort. Having users sign in with ORCID reduces their frustration and burden of managing multiple credentials and saves time during submission, review, and reporting.



Interconnected infrastructure. Help accelerate knowledge discovery and increase the integrity, transparency and reproducibility of research by encouraging FAIR Data Principles and Open Science practices through persistent identifiers and standardized, openly-accessible data.

All your research information accessible via your own unique profile, to be used wherever you need it.



	Uniquely yours. Distinguish yourself and claim credit for your work while controlling access to your data, no matter how many people have your same (or similar) name.
	Name flexibility. ORCID helps reduce the negative consequences of name changes so you will no longer be limited to the name you used when you began your career.
	More time for research. By allowing trusted organizations to add your research information to your ORCID record, you can spend more time conducting your research and less time managing it!
	Control your visibility and discovery. ORCID links all your research together, while you control the visibility of each piece of data. Easily see links to your research activities in one place—affiliations, funding, publications, and other contributions.
	Reduced administrative burden. Experience greater ease as an increasing number of manuscript submission and grant application forms can be auto-populated when you log into their systems with your ORCID. Spend less time re-entering your data!
	Portable profile data. Easily share the data in your record with an increasing number of funding, publications, data repositories, and other research workflows.

Collaboration in the scholarly ecosystem

