



ORCID AND US FEDERAL AGENCIES

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Connecting Research
and Researchers

ORCID.org

WHAT IS ORCID?



A globally
unique and
open identifier
for researchers



Researchers share their
iD with organizations
during regular research
workflows



A place to store and
share the resulting
connections between
iDs and research
activities and
affiliations



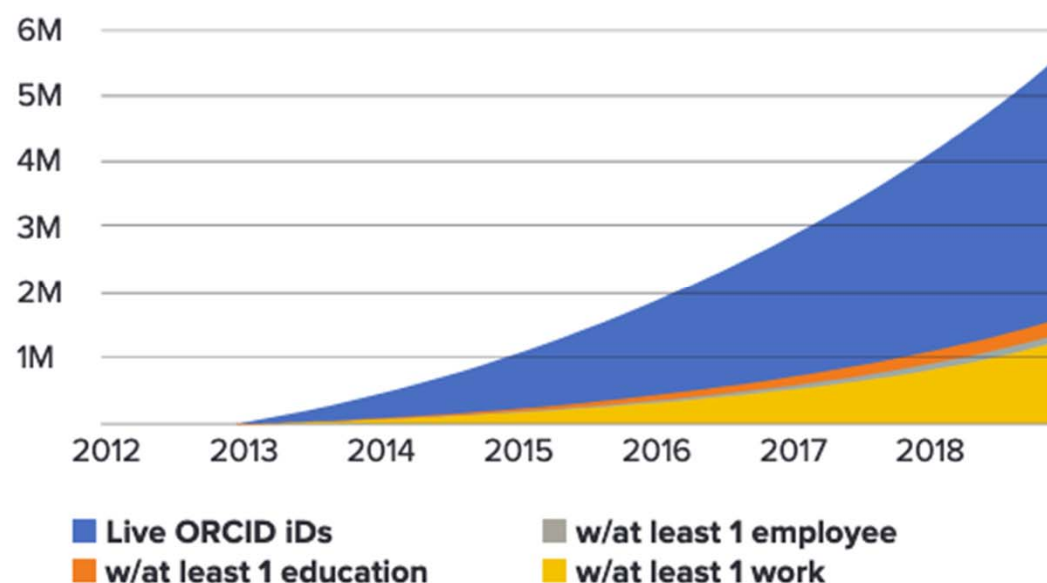
<https://orcid.org>

Hundreds of members and systems use ORCID globally

7.8 MILLION+

live ORCID iDs registered since its 2012 launch

Connections to ORCID records



Source: [Orcid.org/statistics](https://orcid.org/statistics) as of November 2018

- **3.7** ORCID iDs created every minute
- **193** different languages included in ORCID records
- **73.6%** of records have granted update permissions
- **1.97** record updates made per second



THINK OF IT LIKE....



Researchers standing in line, each with their basket of information to share



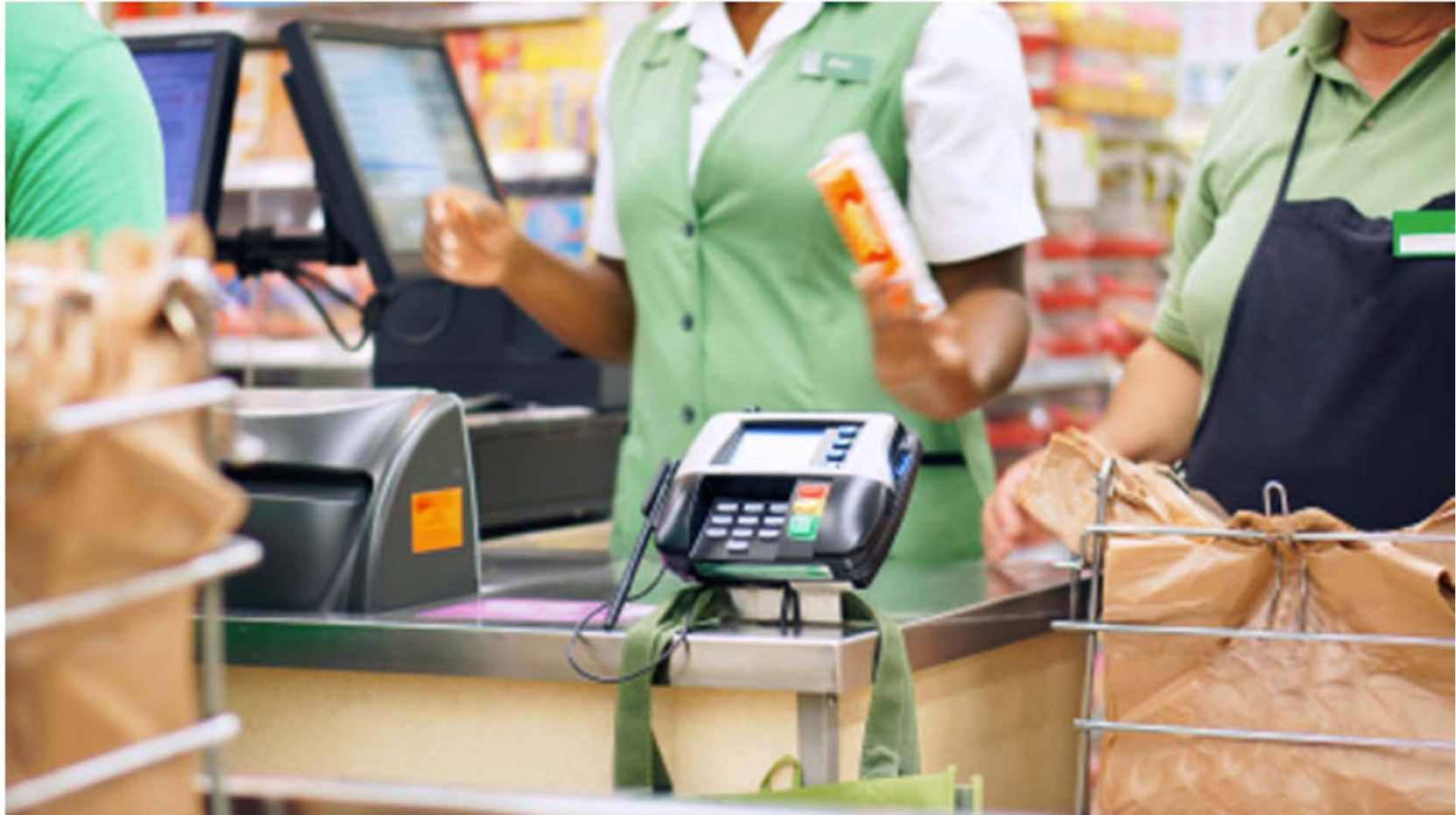
Each basket has a diverse group of objects each with unique open identifier





The researcher uses their unique iD to connect their objects to their account





And here is the member integration – how the objects are connected with the person



IT WORKS IN TWO STEPS



Researchers

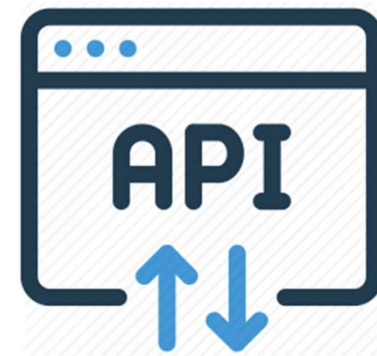
- Register for an iD
- Use it in regular research workflows

[DEMO](#)



Members

- Integrate ORCID into workflows
- Ingest and share information



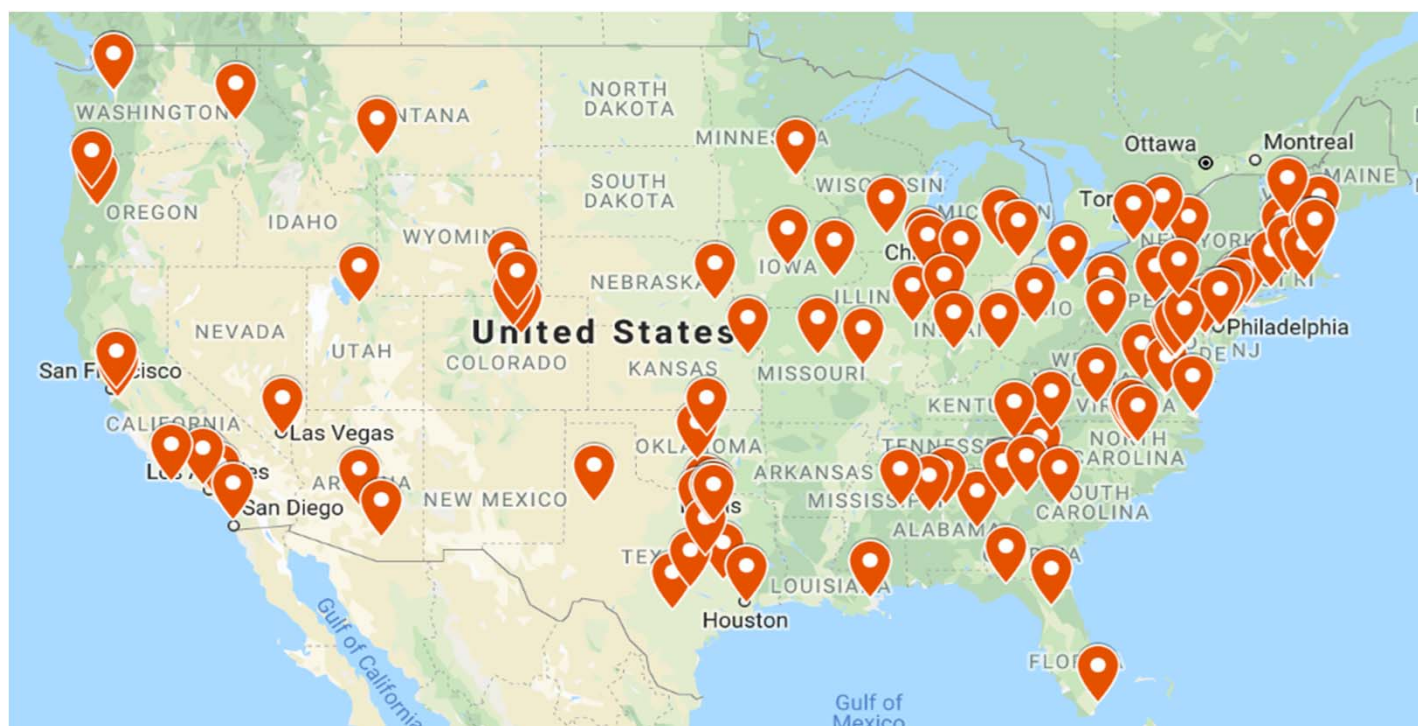
The ORBIT Working Group (19 funders from around the world) recommended the adoption of identifiers as a key component of research reporting and open research

- Funders, publishers, research institutions, and identifier registries should work together to develop, implement, and socialize workflows that **use identifiers to create and share transparent connections between people, funding, and research activities** in grant and publication workflows
- Reporting systems should **implement digital reporting workflows that reduce reporting burden**, by enabling researchers to auto-populate web forms with information from external systems, including ORCID,
- Funders should partner with publishers and research institutions to **leverage identifiers for organizations, grants, and people, to enable compliance with funder open access and data-sharing requirements**



ORCID US COMMUNITY

- 117 institutional members
- Consultation & support: sheila.rabun@lyrasis.org
- Exemplars



HOW IS ORCID BEING USED?

- **7 Federal agencies** are using ORCID
- 3 primary **use cases**

Funding

Activity tracking
and reporting

Research Resources

DOD/USUHS

DOE

EPA

FDA

HHS/NIH

NASA

NIST

SI

USDA

FUNDING: NIH REQUIREMENT

Requirement for ORCID iDs for Individuals Supported by Research Training, Fellowship, Research Education, and Career Development Awards Beginning in FY 2020

Notice Number: NOT-OD-19-109

Key Dates

Release Date: July 10, 2019

Related Announcements

[NOT-OD-13-114](#)

Issued by

National Institutes of Health ([NIH](#))

Agency for Healthcare Research and Quality ([AHRQ](#))

Centers for Disease Control and Prevention ([CDC](#))

Purpose

By way of this Notice, NIH, AHRQ, and CDC announce that individuals supported by research training, fellowship, research education, and career development awards will be required to have ORCID iDs (Open Researcher and Contributor Identifiers) beginning in FY 2020.

Here is a [short video](#) showing how NIH is using ORCID.



<https://orcid.org/content/orcid-funding-organizations>

RESOURCES

- Read about ORCID use cases <https://members.orcid.org>
- Learn about ORCID APIs <https://members.orcid.org/api>
- Use ORCID code <https://github.com/ORCID>
- Register for ORCID API users listserv
<https://groups.google.com/forum/#!forum/orcid-api-users>
- Register for an organization ID
- Identify primary goals and create an ORCID library guide and training plan <https://orcid.org/help>
- Use ORCID outreach resources to engage researchers
<https://members.orcid.org/outreach-resources>



The global research community has the power to improve the **value and openness** of its research information.

Unique researcher identifiers have the potential to **streamline information sharing and bring transparency** to the creation and re-use of that information.

