



ORCID

FAIR Facilities and Instruments workshop

September, 2023



Shawna Sadler, Engagement Manager

Overview

1. Concise re/introduction to ORCID
2. Review potential value of ORCID for research instruments & facilities
3. Updated on relevant federal policies re ORCID
4. Share examples of best practices (so far...)



ORCID provides a unique iD for people

A unique, persistent identifier free of charge to researchers

<https://orcid.org/0000-0002-6103-5034>



David S. Butcher

David Butcher; David Butcher



<https://orcid.org/0000-0002-1268-4150>



[Show record summary](#)



Personal information

Emails

dbutcher@magnet.fsu.edu

Websites & social links

[Professional website](#)
[Twitter](#)

Other IDs

[Scopus Author ID: 57213023546](#)

Countries

[United States](#)

Activities

[Collapse all](#)

Employment (3)

[Sort](#)

National High Magnetic Field Laboratory: Tallahassee, FL, US

2021-05-17 to present | Visiting Research Faculty I (CIMAR, ICR)
Employment

[Show more detail](#)

Source: David S. Butcher

National High Magnetic Field Laboratory: Tallahassee, Florida, US

2019-09-01 to 2021-05-14 | Postdoctoral Research Associate (CIMAR, ICR)
Employment

[Show more detail](#)

Source: David S. Butcher

Florida International University: Miami, Florida, US

2017-03-01 to 2018-07-01 | Postdoctoral Research Associate (Chemistry & Biochemistry)
Employment

[Show more detail](#)

Source: David S. Butcher

Education and qualifications (1)

[Sort](#)



ORCID Record of professional research activities

Unique iD



Shawna Sadler

S. Sadler, Sh. Sadler

 <https://orcid.org/0000-0002-6103-5034>  

[Show record summary](#)

Personal information

Other IDs

ResearcherID: A-2576-2016

Scopus Author ID: 18134558900

Countries

Canada, Australia, United States

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)

 Sort

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

Application Programming Interfaces (APIs)

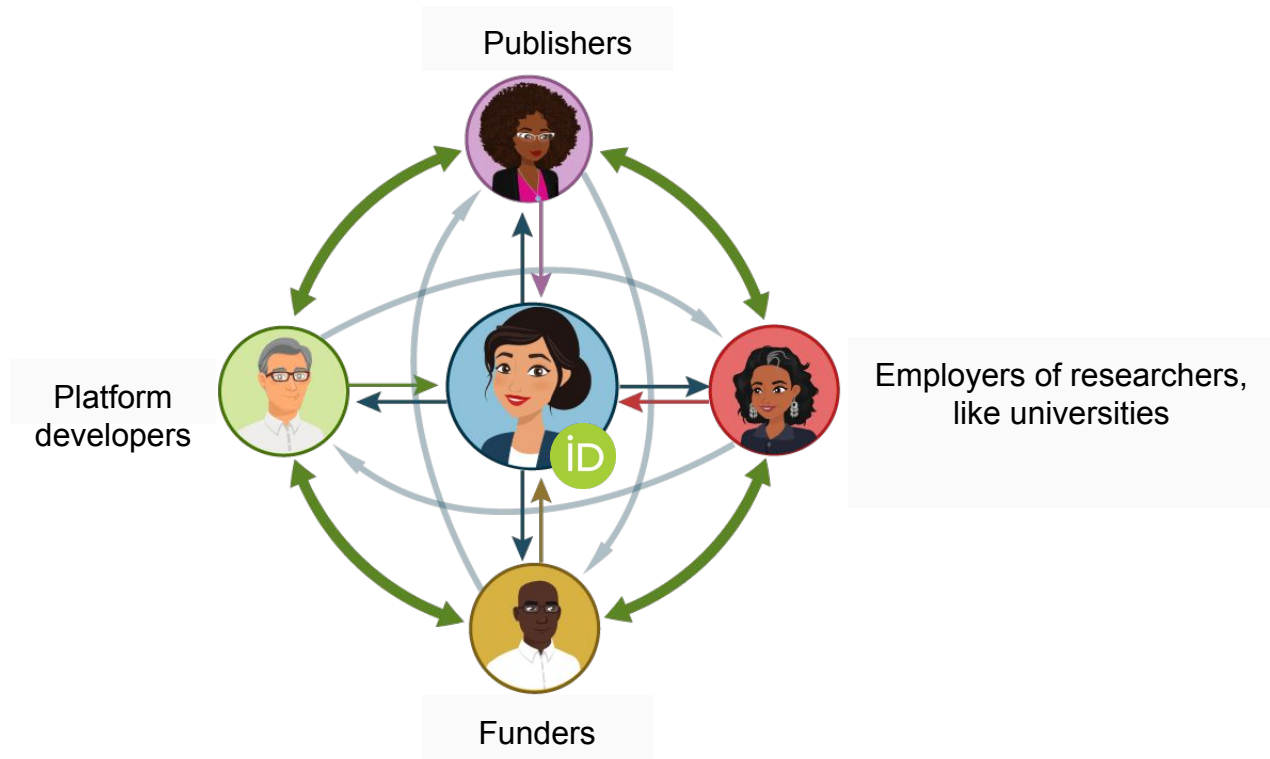


Data exchange between ORCID records and member organizations

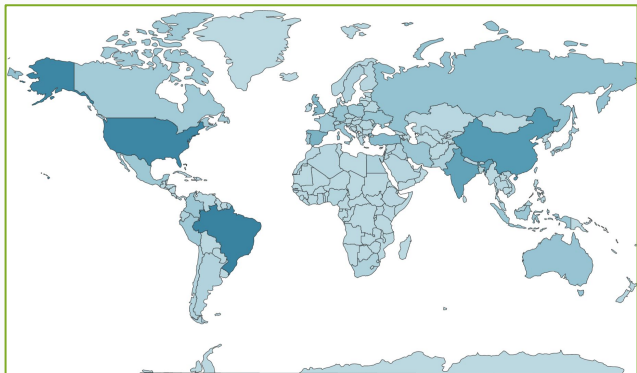
Member organizations such as...

- Universities: Florida State University
- Federal Government Agencies: DOE
- Publishers: Elsevier

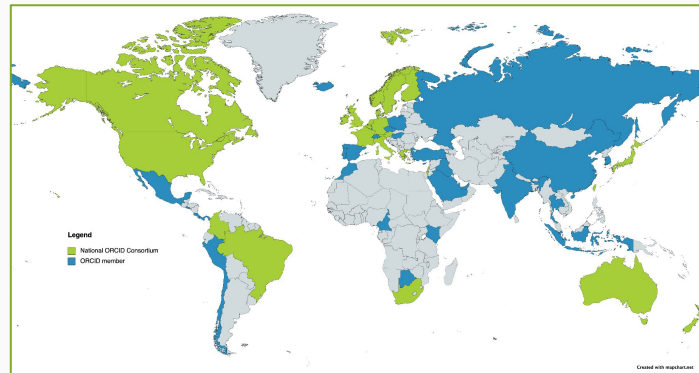
ORCID is the hub of profile activity with over 4,700 interconnected systems



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

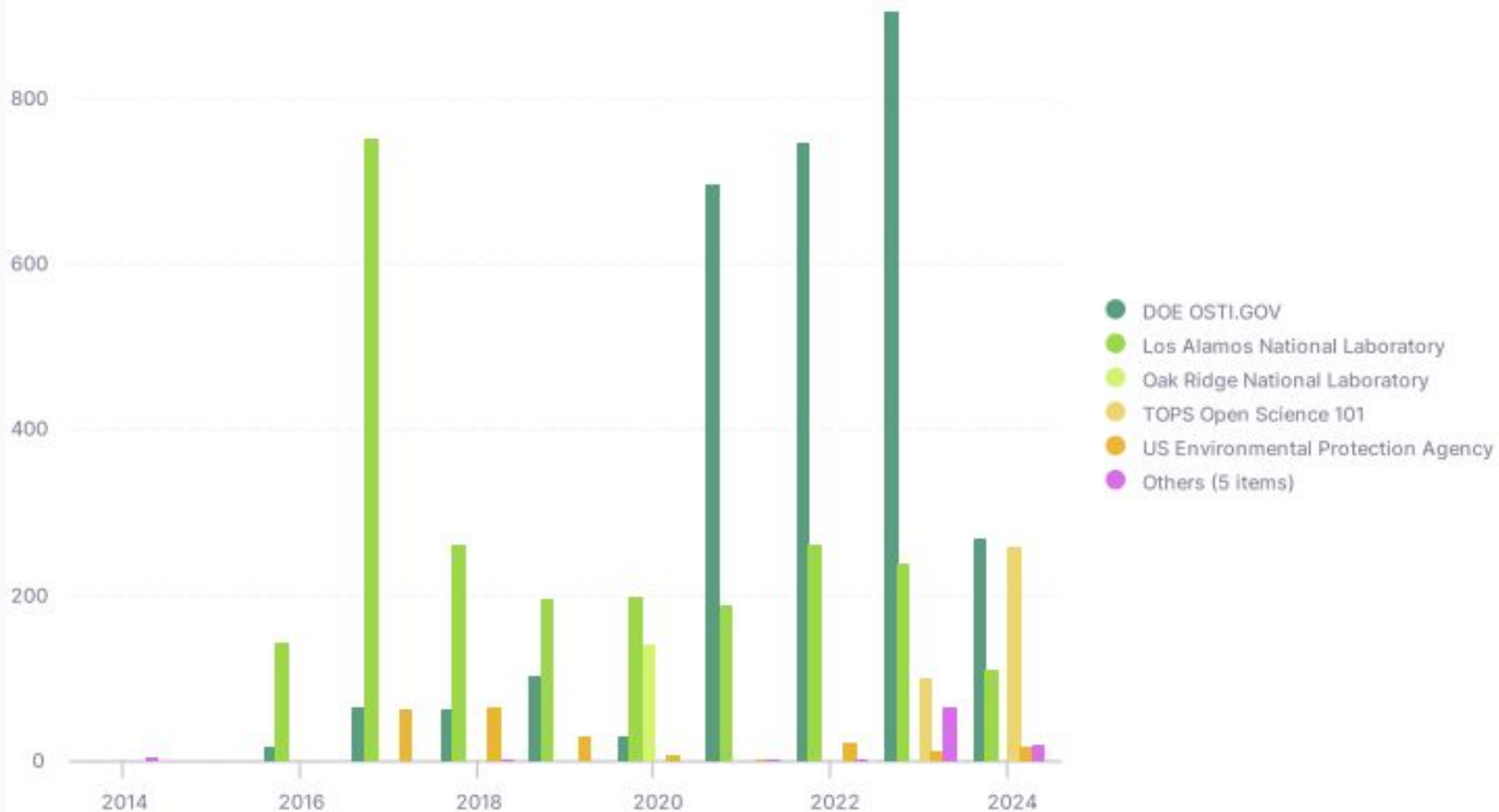
4,702



25 US Agencies, Labs and Facilities are currently ORCID Members

US Government
ORCID Consortium

- Advanced Photon Source
- Argonne Leadership Computing Facility
- Argonne National Laboratory Library
- Brookhaven National Laboratory
- Center for Nanoscale Materials
- Centers for Disease Control
- DOE Office of Scientific & Technical Info
- Environmental Protection Agency
- Federal Reserve Board
- Food and Drug Administration
- Fusion Energy Sciences
- Institute of Education Sciences
- Lawrence Berkeley National Laboratory
- Los Alamos National Laboratory
- NASA
- NIH
- NOAA
- NSF
- Oak Ridge National Laboratory
- OSTI
- Pacific Northwest National Laboratory
- Princeton Plasma Physics Laboratory
- US Department of Defense
- US Geological Survey (USGS)
- USDA



195 US Universities, Research Institutes & Funders

FSU | FLORIDA STATE
UNIVERSITY



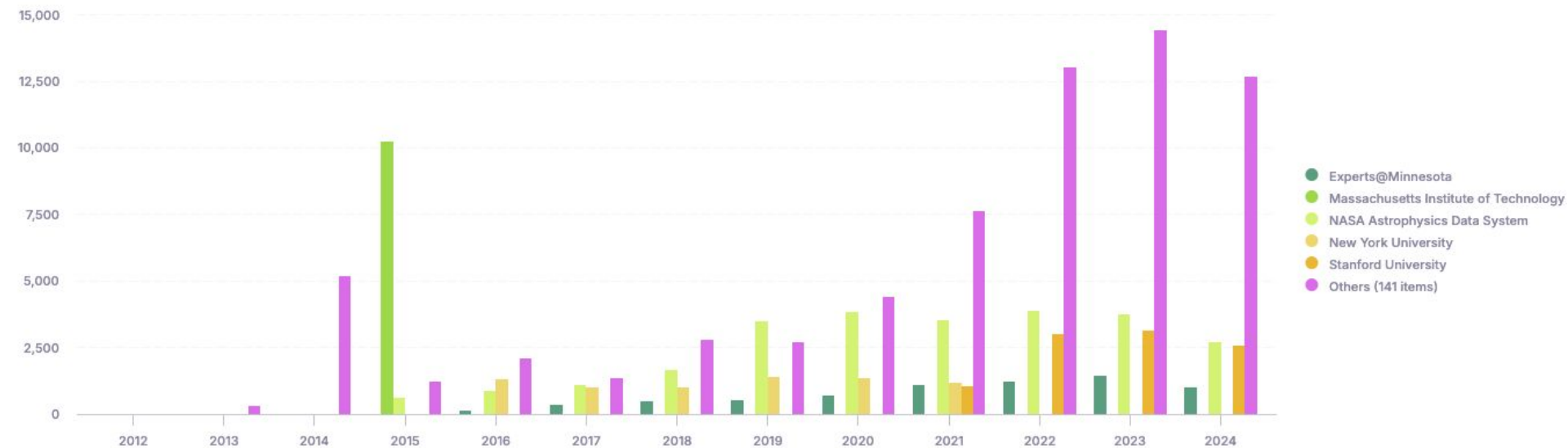
American
Heart
Association®

UF | UNIVERSITY of
FLORIDA

 MAYO CLINIC

IAS | INSTITUTE FOR
ADVANCED STUDY

Records updated per year by integration ▾



Potential value of ORCID for Research Instruments & Facil

1. Reducing administrative burden (researchers & staff)
2. Demonstrating Compliance
3. Measuring performance & impact
4. Help with transparency & reproducibility

Reducing administrative burden (researchers & staff)

- Let the machines exchange data (no more human intervention/manual data entry)
- Re-use & recycle the source citation data
- Near real-time system updates
- Don't ask your researchers for their data anymore - ask them to review instead
- Increase the *quality* of the data about research activities
- Increase the *quantity* of data about research activities

Using ORCID to demonstrate compliance

Federal agency rules continuing to come out, some common requirements...

- Each researcher receiving federal research funding must have a unique ID (ORCID)
- Researchers must disclose their affiliations (can be done in an ORCID record)
- Researchers must publicly share their research at the time of publication (demonstrate compliance by providing a citation & link to the public version in an ORCID record)
- Conflict of Interest - many kinds of reportedly COI can be listed in an ORCID record
 - Employment
 - Professional Associations
 - Funding
 - In-Kind support
 - Peer Review



FINANCIAL ASSISTANCE LETTER

This Financial Assistance Letter is issued under the authority of the DOE and NNSA Senior Procurement Executives.

**Subject: Digital Persistent Identifier Requirements for Certain Individuals for
Research and Development**

References:

National Security Presidential Memorandum on United States Government-Supported Research and Development National Security Policy 33 ([NSPM-33](#)), January 14, 2021

Guidance for Implementing National Security Presidential Memorandum 33 (NSPM-33) on National Security Strategy for United States Government-Supported Research and Development ([NSPM-33 Implementation Guidance](#)), January 2022

Office of Science and Technology Policy (OSTP) Memo Ensuring Free, Immediate, and Equitable Access to Federally Funded Research ([OSTP Public Access Memo](#)), August 25, 2022

[DOE Public Access Plan](#), June 2023

Office of Science and Technology Policy, Policy Regarding Use of Common Disclosure Forms for the “Biographical Sketch” and the “Current and Pending (Other) Support” Sections of Applications by Federal Research Funding Agencies ([Policy Regarding Use of Common Disclosure Forms](#)), February 14, 2024

Measure performance and impact

Dive down into the details and really get into the data

ORCID Record

- Includes other pids
- Perfect world, the citation in an orcid record would just be pids
 - DOI
 - Articles
 - Datasets
 - Funding
 - ROR - organizations
 - RRIDs - instruments & labs
 - ORCID will continue to adopt new PIDs as they develop

DOI examples

Works (2)

A Methodology for the Design of Application-Specific Cyber-Physical Social Sensing Co-Simulators

Sensors

2017-09 | Journal article

DOI: [10.3390/s17102177](https://doi.org/10.3390/s17102177)

URL

<http://www.mdpi.com/1424-8220/17/10/2177>

Added

2017-09-27

Last modified

2017-09-27

Source:  Multidisciplinary Digital Publishing Institute

Funding (2)

The role of adipocytes in melanoma progression

2019-09-01 to 2024-08-31 | Grant

American Cancer Society (Atlanta, US)

DOI: [10.53354/ACS.RSG-19-024-01-DDC.pc.gr.85944](https://doi.org/10.53354/ACS.RSG-19-024-01-DDC.pc.gr.85944)

GRANT_NUMBER: RSG-19-024-01-DDC

Source:  American Cancer Society - ProposalCentral

Radiation and decline of endodontid land snails in Makatea, French Polynesia.

Apollo - University of Cambridge Repository

2019-10-08 | Journal article

DOI: [10.17863/cam.44642](https://doi.org/10.17863/cam.44642)

CONTRIBUTORS: André Sartori; Olivier Gargominy; Benoit Fontaine

Source:  DataCite

ROR Example

▼ Employment (2)

University of Virginia: Charlottesville, VA, US

Employment

Organization identifiers

ROR: <https://ror.org/0153tk833>

University of Virginia: Charlottesville, US

Other organization identifiers provided by ROR

FUNDRREF: 100008457 (preferred), 100000178 , 100005973 , 100008193 , 100008194 10000

GRID: grid.27755.32 (preferred),

ISNI: [000000009136933X](https://orcid.org/000000009136933X)

ORGRES: 59801 (preferred), 1026901 , 1713258

WIKIDATA: [Q213439](https://www.wikidata.org/wiki/Q213439)

WIKIPEDIA_URL: http://en.wikipedia.org/wiki/University_of_Virginia (preferred)

Added

2021-03-30

Last modified

2023-04-11

Source:  University of Virginia

 <https://ror.org/0153tk833>

University of Virginia

OTHER NAMES: UVA, Universidad de Virginia (es), Université de virginie (fr)

ORGANIZATION TYPES

Education, Funder

LOCATIONS

Charlottesville (GeoNames ID [4752031](https://www.geonames.org/4752031)), United States

RRID Example

Иоганн Себастьян Бах. Токката (с фугой) d-молл для органа BWV 565.

Москва, Издательство "Композитор".
2018 | Book
RRID: [ID](#)

Source:  Tatyana Prodma  Preferred source (of 17)

FDI Lab: SciCrunch Infrastructure

INFORMATION

REGISTRY

COMMUNITIES

DATA

Home / Resolver / Resource Report

 Resource Name

University of California at Santa Barbara; California; USA

RRID:SCR_011623  [Login to claim ownership](#)

PDF REPORT

 The RRID (ID) is not the primary RRID. It is an alternate RRID or alternate ID.

 Resource Information

URL: <http://www.ucsb.edu/>

Proper Citation: University of California at Santa Barbara; California; USA (RRID:SCR_011623)

Description: Public research university in Santa Barbara, California, and one of the ten campuses of the University of California system.

This resource

is listed by [DataCite](#)

is related to [University of California BioPACIFIC MIP Core Facility](#)

Use PIDs to measure performance and impact

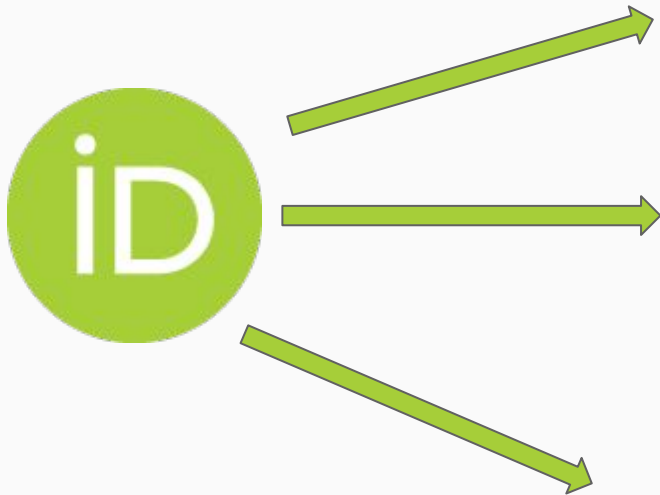
Use your API to pull the metadata from the records you would like to analyze

Some possibilities...

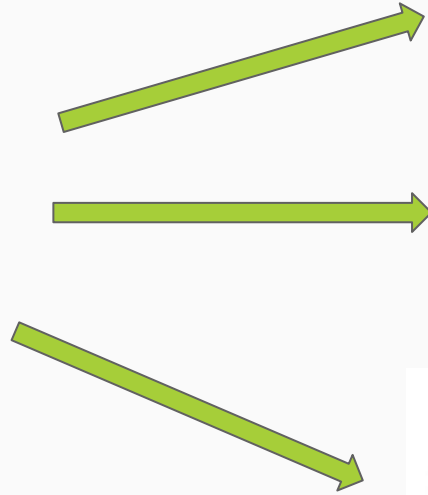
- List all researchers affiliated with your organization (ROR) or Facility (RRID)
- List all researchers that have used a specific research instrument (RRID)
- List all records with a specific funding (doi)

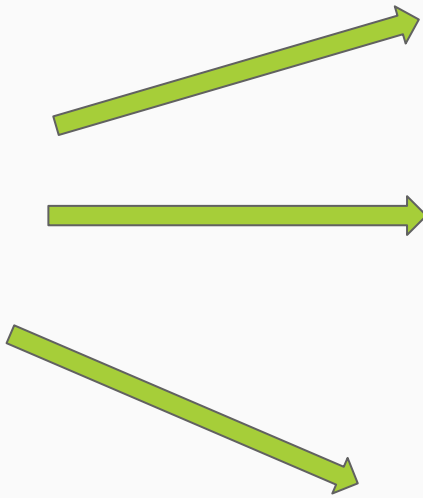
Start getting fancy...

- List the publications that cite a specific research instrument
- List all the funding associated with a specific research facility
- Which countries are researchers affiliated with that have used our instrument (demonstrate global collaboration)



ROR 





Help with transparency & reproducibility

If all research-related data is added to a researcher's ORCID record

This record becomes a long-term record of research activities, that can be used overtime to support transparency and reproducibility.

The more publicly available, structured data, designed to be interoperable, the better for everyone

PIDs are the first principle of FAIR, and the easiest way to start being FAIR

