



ORCID Researcher Assurance Model

NITRD MIDDLEWARE AND GRID INTERAGENCY COORDINATION TEAM (MAGIC) MEETING

NOVEMBER 14, 2018

LAURA PAGLIONE

Representing ORCID from Spherical Cow Group

<http://orcid.org/0000-0003-3188-6273>



ORCID'S VISION IS A WORLD WHERE ALL WHO
PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND INNOVATION
ARE UNIQUELY IDENTIFIED AND CONNECTED TO THEIR
CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME,
DISCIPLINES, AND BORDERS.



TOGETHER, WE CAN MAKE OUR VISION A REALITY!

WHAT IS ORCID?

- Open, not-for-profit organization
 - run by & for the research community
- Provider of unique researcher identifiers: ORCID iDs
 - reliably & clearly connect researchers with contributions & affiliations
- Integration point for ORCID iDs
 - 100s of systems integrated: grant applications, manuscript submission, CRIS, repositories, & more!



ORCID BY THE NUMBERS

936 members from 44 countries

527 system connectors

>5.5 million active researcher identifiers

over 2.2 million records with connected information

66 publishers signed open letter

Consortia in

- Italy
- France
- Germany
- Portugal
- Belgium
- Netherlands
- UK
- Finland
- Sweden
- Norway
- United States (2)
- Canada
- Brazil
- South Africa
- Taiwan
- Australia
- New Zealand



ORCID's vision is a world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions and affiliations across disciplines, borders, and time. We provide an identifier for individuals to use with their name as they share their ideas. We provide open tools that enable transparent connections between researchers, and identifiers for their contributions, and affiliations. What may appear to be a humble alphanumeric string in fact offers crucial opportunities to engender trust and support open research.

Confidence and trust is important to us. We have put in place controls, policies, and practices so that these connections are controlled by researchers, and that the source of each connection is openly articulated.

ORCID is a community-built and community-managed organization. We have a dedicated international team that collaborates broadly to build durable and high-fidelity research information infrastructure. We are grounded by [10 principles](#) that guide our work. These principles emphasize our commitment to being a respectful, reliable, inclusive, and accountable partner of the research community. We respect the privacy and information sharing needs of the individuals that hold ORCID iDs, who control whether their information is shared and with whom. As a non-profit organization we are not incentivized to profit from information entrusted to us. We are governed by a volunteer Board elected from our membership - [organizations in the research community](#) - who ensure that we remain true to ORCID principles.

This ORCID Trust Program provides greater transparency into the components that are foundational to our principles. Click on the sections below to learn more.



Individual control

Our tools and services provide you control over your registration, what is connected to your iD, and who can access your information. We provide system security and protection to ensure that user control is maintained.



Reliable registry

We understand that dependability, availability, security, and durability are required of the systems and services we provide for you and the organizations you work with in the research community.



Community accountability

We make ourselves accountable to all who use and support ORCID activities through our non-profit status, our membership-based

ORCID TRUST: POLICY & CONTROLS

Infrastructure that is secure, long-lived & reliable

- **Individual control**
respect privacy, enable control, protect data
- **Reliability**
iD accessibility, infrastructure security, evolve to community needs
- **Accountability**
persist as service, operational transparency
- **Integrity**
high-fidelity connections, clear data interpretation



ORCID Record

Affiliations  Connected by **TALENT STEWARDS**

employment
Brown University: Providence, RI, United States
1929 to present | Professor (Psychoceramics)
LER: [9M13ULPHRP083NGC889](#)
Source: Brown University

education
Brown University: Providence, RI, United States
1966-Jun-6 | M.A. (in absentia)
LER: [9M13ULPHRP083NGC889](#)
Source: Brown University

Affiliations include
Employment • education • qualifications • invited positions • distinctions • membership • service

Awards  Connected by **RESOURCE STEWARDS**

award
The World's Greatest Traveler
1974-Sep-8
URL: <https://nyti.ms/2HfEOED>
Source: New York Times

collection access
Brown jug collection
1957
LER: [9M13ULPHRP083NGC889](#)
Source: Josiah S Carberry

Awards include
Grants • contracts • infrastructure use • equipment use • collection access • service awards

Contributions  Connected by **CONTRIBUTION STEWARDS**

journal-article
The Memory Bus Considered Harmful
2012
DOI: [10.5555/56655554444](#)
Part of ISSN: [0064-3561](#)
Source: Journal of Psychoceramics

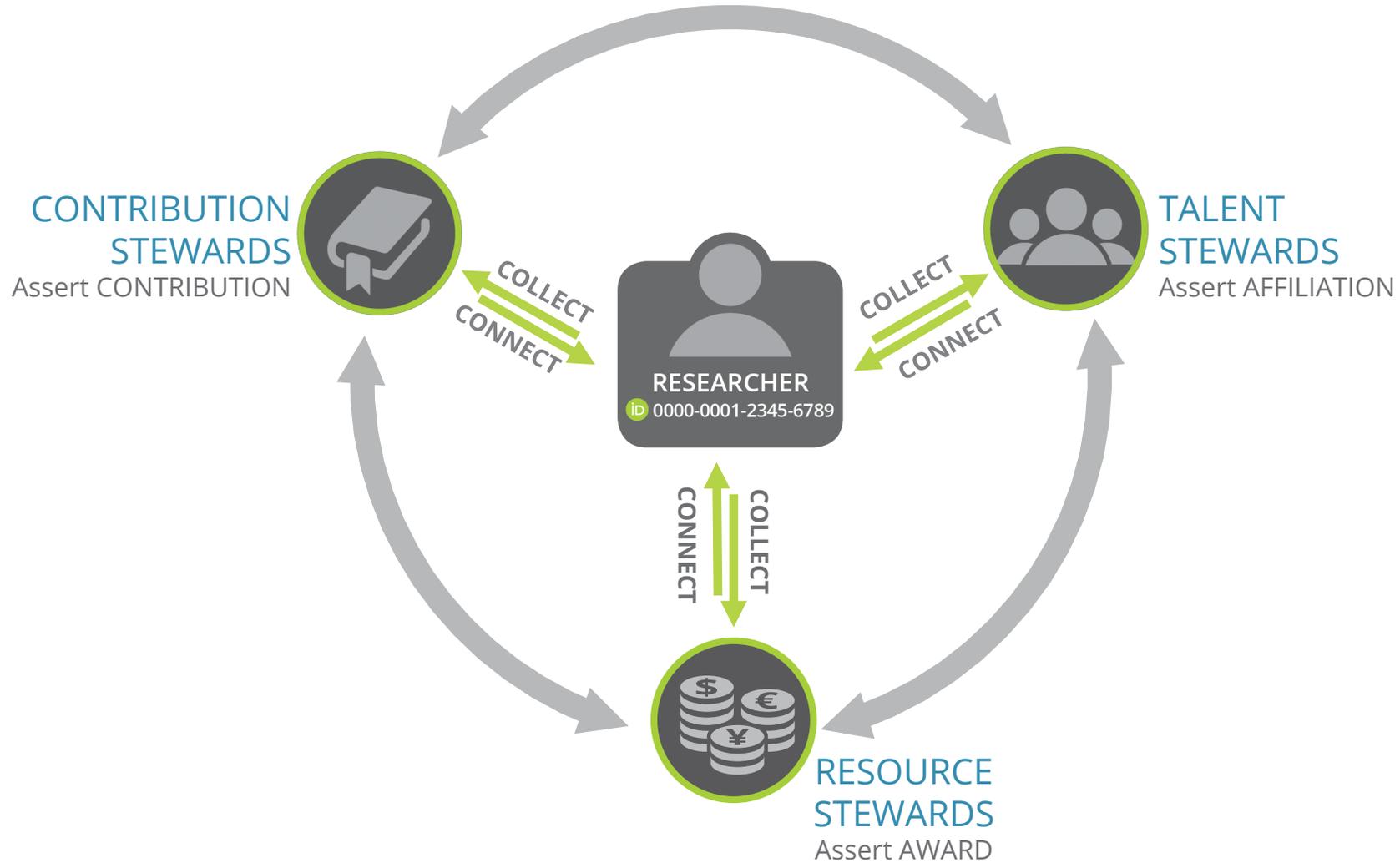
data-set
Solar effective bandwidths by time since 2004
2012
Part of DOI: [10.5555/56655554444](#)
Source: Psychoceramics repository

Contributions include
Publications • dissertations • posters • patents • specifications • datasets • software • peer review activity

BUILDING REPUTATION OVER TIME THROUGH ACTIONS

- Distributed activity/affiliation claims
- Claims from organizations you trust
 - Research institutions
 - Funders
 - Publishers
- Claims provided over time via workflow activities

PRIMARY ACTION AND BENEFIT BY SECTOR





ORCID record

Researcher Name

ORCID ID

iD orcid.org/xxxx-xxxx-xxxx-xxxx

Basic information

- Other names
- Email addresses
- Biography

Activities & affiliations

Employment:

XXX University
 Source: **XXX University (ID139)**

Funding:

YYY Foundation, Grant #123
 Source: **YYY Foundation (ID45)**

Peer Review:

Journal ZZZ, vol. 45, 2016
 Source: **ZZZ Publishing (ID675)**

IN PRACTICE: CONNECT YOUR INFORMATION TO ORCID



Talent stewards

- Employ or educate researchers
 - Have researchers and scholars among their members
 - Recognize editorial, project, working group, or other work
- **connect AFFILIATIONS**
Employment • education • qualifications • invited positions • distinctions • membership • service

University of Minnesota: Minneapolis, Minnesota, United States

Source: University of Minnesota



Contribution stewards

- Interact with authors and reviewers to publish work
 - Store/ archive data sets and other research materials
 - Manage conference submissions
- **connect CONTRIBUTIONS**
Publications • dissertations • conference posters • patents • specifications • data sets • software • peer review activity

Information science. Standards and infrastructure for innovation data exchange.

2012-10 | journal-article

DOI: [10.1126/science.1221840](https://doi.org/10.1126/science.1221840)

PMC: [PMC3774837](https://pubmed.ncbi.nlm.nih.gov/3774837/)

PMID: [23066063](https://pubmed.ncbi.nlm.nih.gov/23066063/)

Source: Europe PubMed Central

✔ Preferred source (of 2)



Resource stewards

- Fund research
 - Manage access/ use of user facilities and equipment
 - Manage access/ use of collections and research material
- **connect AWARDS**
Grants • contracts • infrastructure use • equipment use • collection access • service awards

Neutron Beam Award at High Flux Isotope Reactor (HFIR) and Spallation Neutron Source (SNS)

Oak Ridge National Laboratory (Oak Ridge, TN, United States)

2017-01 to 2017-06 | Award

Award: [2017-A: PTAX, TOPAZ](#)

Alternate URL: neutrons.ornl.gov

Source: Oak Ridge National Laboratory

✔ Preferred source

"Any opinions, findings, conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Networking and Information Technology Research and Development Program."

The Networking and Information Technology Research and Development
(NITRD) Program

Mailing Address: NCO/NITRD, 2415 Eisenhower Avenue, Alexandria, VA 22314

Physical Address: 490 L'Enfant Plaza SW, Suite 8001, Washington, DC 20024, USA Tel: 202-459-9674,
Fax: 202-459-9673, Email: nco@nitrd.gov, Website: <https://www.nitrd.gov>

