

# The Value of Using Unique Identifiers for Researchers

## What's in a Name?

Most names are not unique



Many people have the same name

Names may change through marriage or other circumstances



People use different versions of their name during their career

Individuals use different alphabets, abbreviations, or naming conventions



## Researchers are mobile!



For example, **30% OF THE SCIENTISTS WHO GOT THEIR PhD IN THE UNITED KINGDOM NOW LIVE ELSEWHERE**

Source: Science Magazine

Research institutions and organizations therefore find it hard to



- Benchmark their organization against others
- Identify, track, and report on researchers' affiliations and contributions (publications, peer reviews, grants, and more)

## Institutions Face a Rising Tide of Research



**OVER 3 MILLION** scholarly articles published per year

Source: The STM Report, October 2018

**42,500 ACTIVE** SCHOLARLY PEER-REVIEWED JOURNALS

Source: The STM Report, October 2018



Institutions must increasingly recognize and demonstrate the impact of all types of research contributions

## Tackling Information Overload

ORCID is a non-profit organization, which provides a fully open and interoperable identifier to reliably connect researchers with their research contributions. The ORCID iD is a 16-digit identifier that researchers can register for and use for free.

Connects individuals and their professional contributions across disciplines, organizations, and time



Enables recognition of all types of research contributions and innovation

Helps research institutions, funders, publishers, and other organizations better track and support research work

## How ORCID Works



- It's a **registry** of unique persistent identifiers for researchers
- It's a **hub** that connects researchers with their professional activities and contributions
- It's a global **community** that enables researchers to share their data with other individuals, organizations, and systems

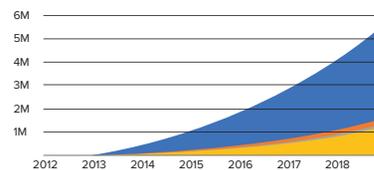
## Why Connect with ORCID?

Hundreds of members and systems use ORCID globally

**5.5 MILLION+**

live ORCID iDs registered since its 2012 launch

Connections to ORCID records



Source: 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

## 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<sup>1</sup>

**Portugal:** 100,000 researcher hours per year<sup>2</sup>

**Australia:** 15-30 minutes per grant application<sup>3</sup>

1. SciARMA Institutional ORCID Implementation and Cost Benefit Analysis Report 2015  
2. Cella Laranjeira, PCT - Fundação para a Ciência e a Tecnologia 2017  
3. Australian Research Council governance meeting, September 2018

"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

## 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



## Three Ways to Get Involved

- Encourage and support your researchers in getting, sharing, and using their ORCID iD
- Invest in integrating ORCID into your systems
- Connect data to and from your researchers' ORCID records to support information use and reuse across organizations

Sponsored by ORCID

To learn more go to <https://orcid.org>