



# ORCID Update

CNI Scholarly Identity Workshop

Baltimore, Apr 4 2012

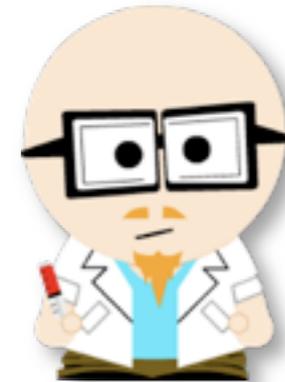
Chris Shillum, ORCID



0137-1963-7688-2319



0243-4126-4084-6509



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# The Problem: Name Ambiguity

Reliable attribution of authors and contributors is impossible without unique author identifiers

The scholarly record is broken



# Facing the Challenge

Adopt definitional standards within and across data sources and types

Apply unique ID to person records across data sources and types

Enlist all sectors in data collection and standards effort

# Researcher

*If it provides a more efficient way to manage my profile data and institutional and funder reporting requirements, I'll use it.*

I need to submit a paper

I need to list my scholarly output in a grant application biosketch

I want to know what other papers were published by these authors

I want to find potential collaborators

# Research Institution

*If it provides a more efficient way to manage expertise and impact data and supports seamless institutional reporting, we'll use it.*

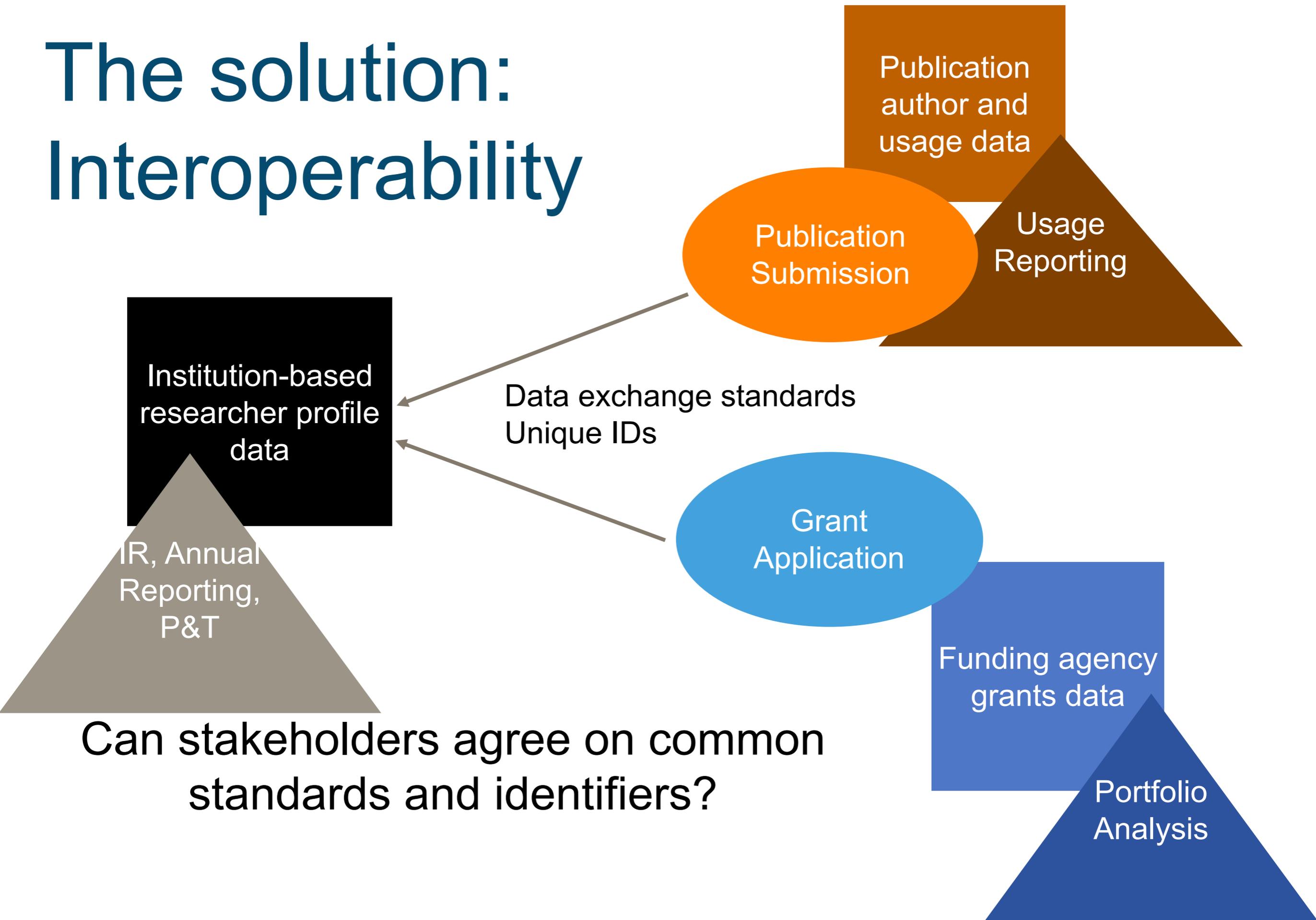
We need to understand our institutional research strengths and impact

We want to know how we compare to other institutions

We need to track faculty publications for our institutional repository and/or profiling system.

We want to know with whom our faculty are collaborating

# The solution: Interoperability



# ORCID

ORCID initiative started in late 2009 to solve the name ambiguity problem in scholarly communication.

Initially with Business, Technical and Outreach Working Groups.

ORCID non-profit organization with a Board of Directors created in August 2010.

Launch of service planned for the second quarter of 2012.

# Why ORCID?

**TRUSTWORTHY:** Inclusive and transparently governed not-for-profit

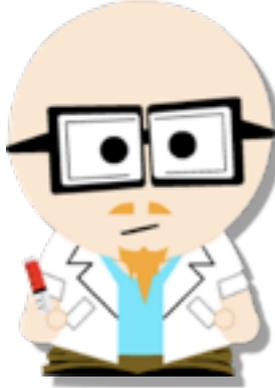
**GLOBAL:** Not limited by discipline, institution or geography

**OPEN:** Data and source code available under recognized open licenses

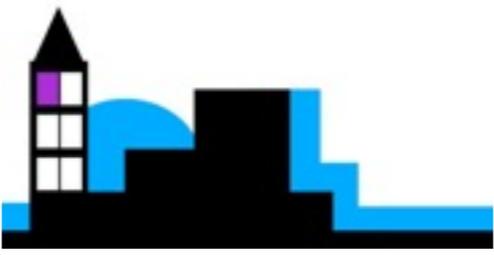
**EFFICIENT:** Third-party seeding of profiles

**INTEGRATED:** Part of institutional, publisher, and funding agency infrastructure

# ORCID in critical workflows



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Researcher



Joins faculty  
Joins student body

- Track output of researchers
- Locate collaborators



Applies for grant

- Streamline application process
- Support research assessment

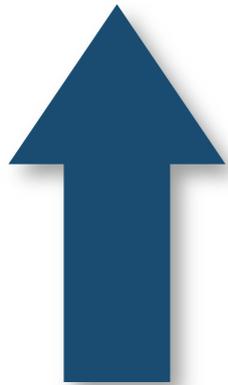


Submits manuscript

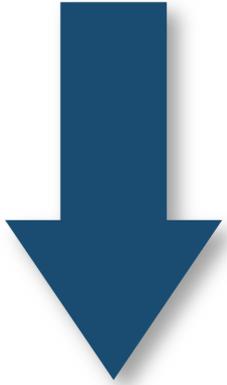
- Streamline data input
- Create author links

Researcher Profile Updated

Researcher Registers

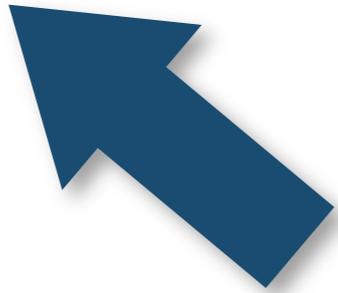


# Author - ORCID - Publisher Workflow



ORCID/DOI pairings submitted to ORCID

ORCID passed to manuscript submission system



Metadata, along with ORCID deposited to CrossRef

Manuscript processed and content published



# Researchers will be able to create and maintain an ORCID ID and profile free of charge, and will control their privacy settings



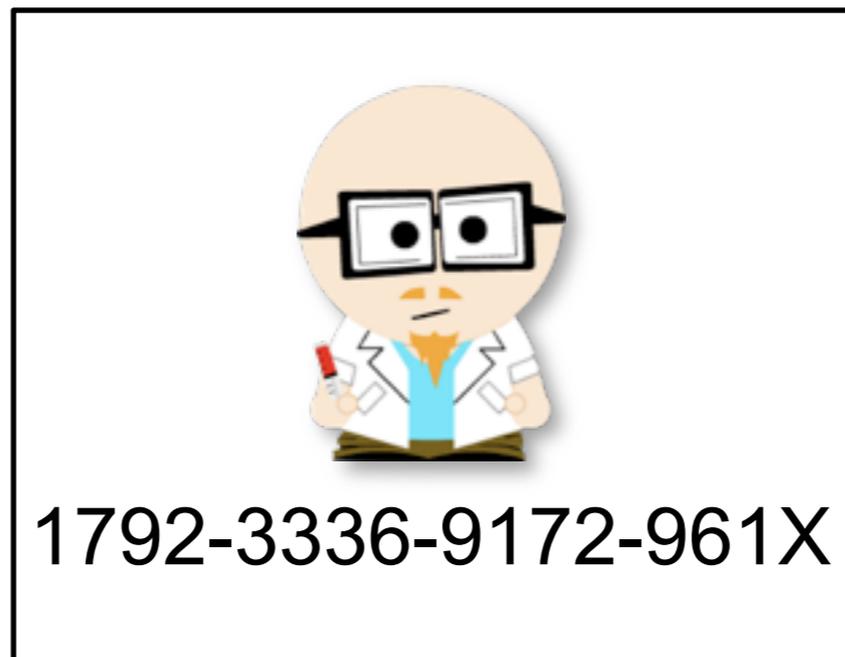
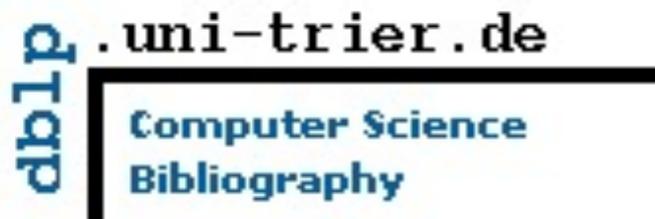
Personal Information   My Affiliations   Password   Options   [Return to My Researcher Profile](#)

Update your information. Optionally, use the "public" setting to indicate which information to display on your Profile page. Clear a public check box to make that information private. Note: Click the "Submit Changes" button on each page. \* required fields.

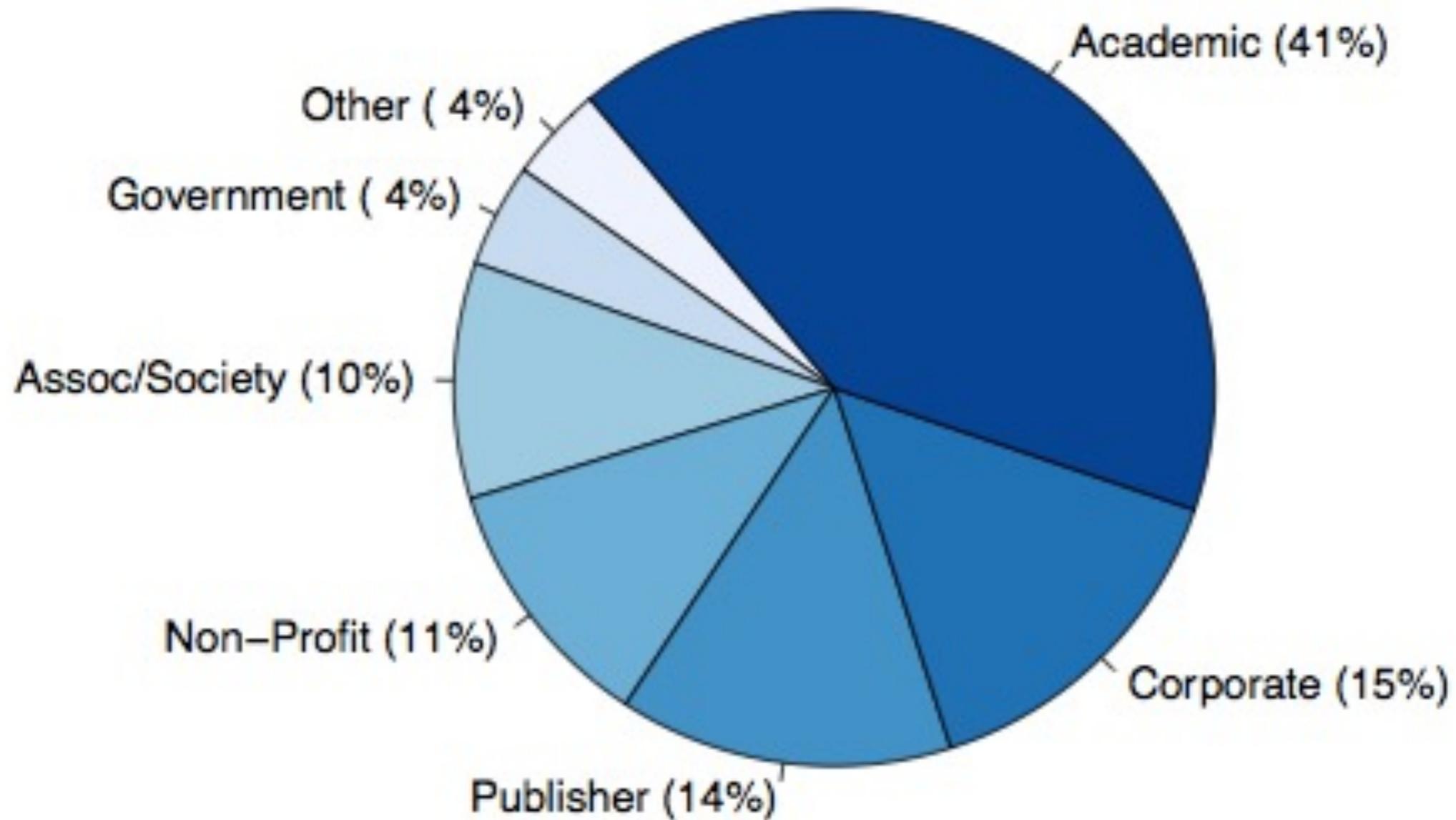
[Submit Changes on this Page](#)   [Cancel](#)

<input checked="" type="checkbox"/> Public (Master)	First / Given Name: <input type="text" value="Martin"/> *	<b>Public (Master):</b> Clear the "Public (Master)" check box to make your information private. Only you, when logged in, will be able to view your information. <b>Name:</b> Your name will be searched and displayed on your profile page. <b>ORCID ID:</b> This is your unique identification.
	Last / Family Name: <input type="text" value="Fenner"/> *	
	Middle Initials: <input type="text" value="H"/>	
	ORCID ID: AAA-1034-2010	
<input checked="" type="checkbox"/> Public	Other Names Used by You: <input type="text"/> <a href="#">Add</a>	<b>Other Names:</b> If you've published under different names or if you are known by more than one name, enter Other Names. These will be searched if made public.
	<input type="text"/> <a href="#">Remove</a>	
<input checked="" type="checkbox"/> Public	URL: <input type="text" value="http://www.orcidsandbox.org/rid/AAA-1034-2010"/>	<b>URL:</b> The URL can be used to link directly to your profile page.

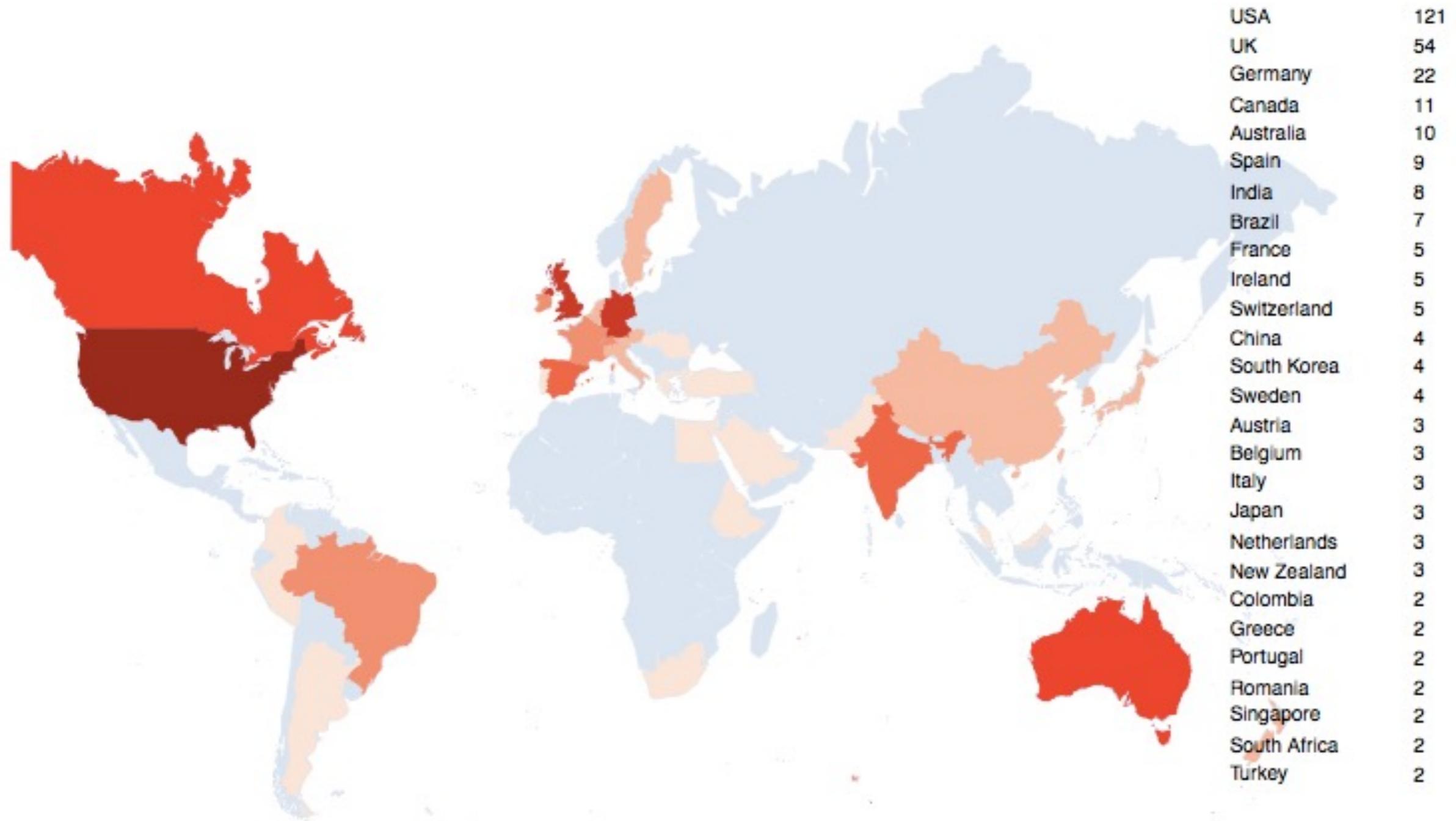
# ORCID will interact with other scholarly author identification systems



ORCID is open to any organization with an interest in scholarly communication



# ORCID transcends discipline, geographic, national and institutional boundaries



317 participating organizations as of March 2012

# The ORCID Board of Directors represents a cross-section of all stakeholders, with a not-for-profit majority

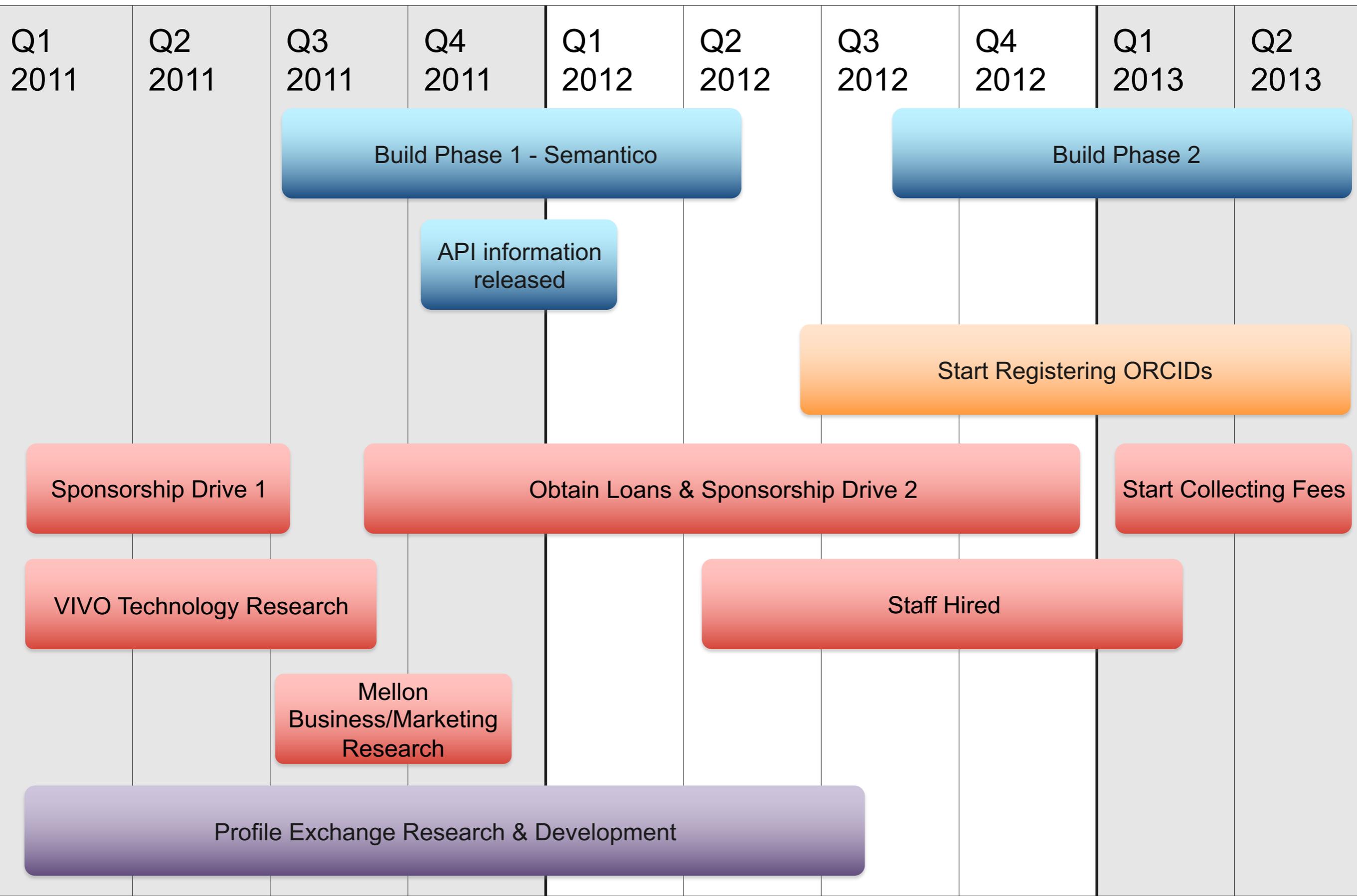
Academic Institutions	
Funding, Non-Profit and Government Organizations	
Publishers and Associations	

All profile data contributed to ORCID by researchers or claimed by them will be released under the CC0 waiver

All software developed by ORCID will be publicly released under an Open Source Software license approved by the Open Source Initiative.



# ORCID Timeline 2011-13



# ORCID System Development

In August, 2011, ORCID and Thomson Reuters reached an agreement that enables ORCID to start building the ORCID service based on Researcher ID code, giving ORCID the critical technology to create its system.

Phase 1 system development is underway, led by Geoff Bilder, Interim Technical Director

# ORCID Phase I System

Researcher self-claim, delegated management, and institutional seeding of data

Fine-grained control of privacy settings

Data exchange into grant/manuscript submission systems

ORCID identifier resolution and metadata search via GUI and REST API

API documentation and mock API server available at <https://github.com/ORCID>

# ORCID Identifier Examples

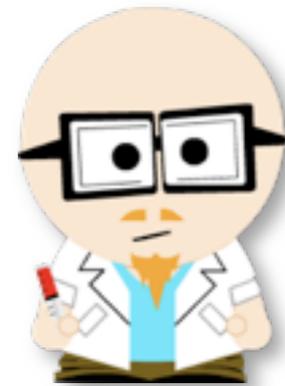
<http://orcid.org/0137-1963-7688-2319>



0137-1963-7688-2319



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# What the ORCID Phase I System is not

A service to replace all existing author identifiers

A service to list the works of all inactive or deceased authors

A service to disambiguate author profiles

A researcher authentication service

A service that provides unique identifiers for institutions

# ORCID Phase II System

Non-university, third-party deposit of data

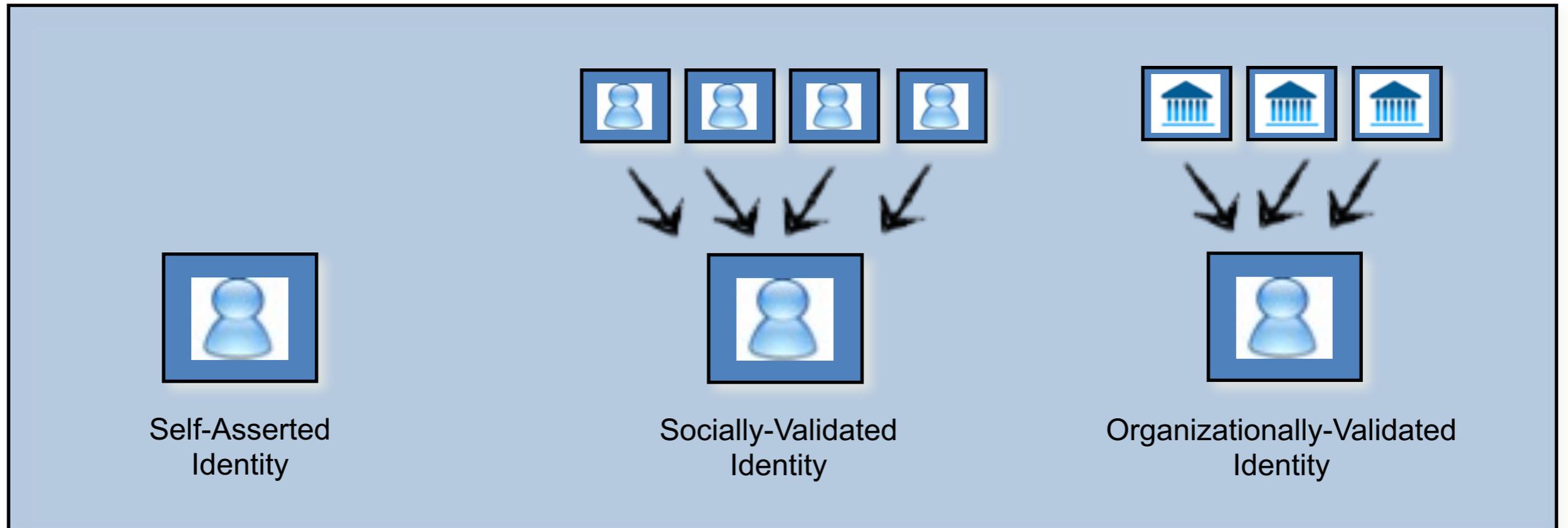
Automatic de-duplication of records

Ability to verify researcher claims

Ability to claim non-publication contributions

Ability to capture contribution roles

# Phase 2 Disambiguation



Disambiguated  
Identity

# And who pays for this?

Membership fees for participating organizations, always free for individual researcher

No transaction costs; membership fees waived in 2012

Donations, grants and loans during startup phase

## Welcome to ORCID

ORCID aims to solve the author/contributor name ambiguity problem in scholarly communications by creating a central registry of unique identifiers for individual researchers and an open and transparent linking mechanism between ORCID and other current author ID schemes. These identifiers, and the relationships among them, can be linked to the researcher's output to enhance the scientific discovery process and to improve the efficiency of research funding and collaboration within the research community.

If you are new to ORCID we recommend you start with the [ORCID Principles](#), one of the recent [Presentations](#), or the [Interim Update](#). Or use the [Contact](#) form to ask questions.

### Blog

- [Updated ORCID Phase 1 Mock API Web Application Released](#)
- [300 Participating Organizations have joined ORCID](#)
- [New Mailing List for ORCID News](#)
- [Two Specifications released by Technical Working Group: ORCID Deposit/Update Phase 1 API and Structure of the ORCID Identifier](#)
- [Next Outreach Meeting 17 May 2012 in Cambridge \(US\)](#)
- [ORCID seeks full-time Executive Director](#)
- [ORCID Phase 1 Query API with Mock API Web Application Released](#)

### New Participants

- [Solapur University](#)
- [Southern Otway Landcare Network](#)
- [BAS IT Solutions LTD](#)
- [Relay Technology Management Inc](#)
- [Electronics and Telecommunications Research Institute \(ETRI\)](#)
- [Hannover Medical School](#)
- [Universidad Nacional Mayor de San Marcos](#)
- [Ghent University](#)
- [Fundación Ciudad de la Energía](#)
- [Universidad de Cadiz](#)

Find out more at <http://about.orcid.org>

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Join us for the 17 May 2012 Outreach Meeting in Cambridge, MA  
via <http://about.orcid.org/meetings>

Adapted from an Introduction to ORCID,  
Version 1.5 (25 February 2012)  
by the ORCID Outreach Working Group (OWG)  
with special thanks to Martin Fenner, Geoff Bilder, Howard  
Ratner, Hideaki Takeda, Amy Brand and Laure Haak



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