ORCID iD: What it is and how it can help you

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I’d like to welcome you all to today’s presentation of ORCID iD What it is and How it can help you. This is mainly an overview/big picture session to give you some initial starter help with ORCID and your ORCID record. My objective today is to provide you with enough basic information so you can take initial steps for either your own ORCID record or be able to assist others with it.
I’d like to welcome you all to today’s presentation of ORCID iD What it is and How it can help you. This is mainly an overview/big picture session to give you some initial starter help with ORCID and your ORCID record. Our objective today is to provide basic information so you can take initial steps for either your own ORCID record or be able to assist others with it.
Agenda

- What is ORCID?
- What is an ORCID ID?
- How it can help?
  - Individual benefits & controls
  - Reducing administrative work
- Who uses ORCID?
ORCID is an open source, non-profit, community-based effort to maintain a registry of unique identifiers numbers for authors/investigators. It is multidisciplinary, borderless, and timeless. An ORCID record is flexible! Do not need to be a faculty researcher. Can be a grad student, lab scientist, it is used worldwide.

It was started in 2012, just celebrated 10th anniversary. Connecting it to Open October, ORCID was developed to create a sustainable, open-research infrastructure service. Began with only 40,000 records and as of 2022, there are over 15 million ORCID records.
You will hear ORCID and ORCID iD used interchangeably. The ORCID iD is the 16 digit number AND it connects to a researcher’s ORCID profile or record.

It was designed to be usable in situations where personally-identifiable information should or could not be shared. No info that could change during the course of a researcher’s career is embedded in the ID.

You may have heard about the NSPM 33 and OSTP memo that have come out recently. Both mention the use of a DPI which stands for digital persistent identifier. ORCID iD is a DPI, and is currently the only DPI that meets the criteria mentioned in the memos.
How can having an ORCID iD help?
Individual Benefits & Controls

Name flexibility
- Not limited to one name, published name as well as other versions can be stored.

Custom Visibility
- Visibility for each piece of data in the record is controlled by the researcher.
- Offers 3 visibility settings: everyone, trusted parties, & only me.

Career Continuity
- No need to change ORCID ID when moving jobs.
- Record can be updated regardless of affiliation or position.
To demonstrate the individual benefits and controls, I’ll share my ORCID record.

Name flexibility - I have options to include various names: published name preference, name, to AKA for nicknames

Custom visibility – I keep my emails private (only me), my biography is trusted party so it can be used/viewed by those organizations or platforms I trust, my employment and works are viewable publicly.

Career Continuity – I have the ability to add multiple employment items, both for same organization as well as previous organizations.
Here is my ORCID ID in the public view. As you can see, the only areas that are visible are the ones I designated everyone (green).
This is most likely the area you are interested in.

First, Auto-Populate. Because of integrations across many platforms by signing in with your ORCID iD, you can have information that you’ve designated as available to trusted parties or everyone (yellow/green) pulled into a form from your ORCID record.

Search and Link wizards are recommended way to populate your record. They make adding works, funding and peer reviews simple and save you time over updating your record manually. Organizations include: CrossRef, DataCite, BASE (Bielefeld Academic Search Engine)
I will walk you through, step-by-step, of how Auto Populate would work for SciENcv.
Again, similar to auto-populate, Search & Link Tools help populate your ORCID record quickly with correct information.
Trusted Organizations: Search & Link Tool
Who is using ORCID?

- Research institutions - 175 organizations in US alone, 900+ worldwide
- Publishers - 110+ publishers requiring ORCID to publish
- Funders – NIH, AHRQ, CDC; some funders require ORCID iD to apply for funding
- Associations - 50+ groups including several with ties to Washington University

The other way to help you be ready is by looking for and using the ORCID login when available. There are MANY organizations (research institutes, publishers and funders) that now either strongly encourage or in some cases require an ORCID iD.

Some Publisher examples: PLOS, ScienceOpen, Frontiers, JMIR Publications, American Association for the Advancement of Science (AAAS)

Funders: The NIH, AHRQ and CDC already require all individuals supported by research training, fellowship, research education, and career development awards to have ORCID iDs. In addition to these 3 funders, there are others that also require ORCID iDs to apply for grant funding such as:

- American Heart Association (US)
- Autism Speaks (US)
- NIHR (UK)
- Wellcome Trust (UK)
- US Department of Transportation (US)

Associations – ASM (American Society of Microbiology) AACR (American Association Cancer Research)

OSTP issued memorandum (Aug. 25, 2022) to make federally funded research freely
available without delay. The new guidance moves from a 12-month embargo to immediate, free access to publications; ensures that publications are machine readable; provides immediate access to data underlying publications; and empowers adoption of persistent identifiers for researchers, awards, organizations, and research outputs. The new memo asks agencies that have an existing public access plan to develop or update their plans within 180 days from August 25th, 2022.
There is also a libguide/subject guide to aid you. We can help you with ORCID registration and updates. Our subject guide has information and videos to get you started. The Publishers and Funders tab provides an updated list of groups that require or strongly encourage use of ORCID.

WashU stats:
Over 3,000+ WashU faculty/staff with ORCID iDs
Specific to WUSM, 57% of faculty have an ORCID iD (1,625 researchers).
For funding, >90% of federal funds received by WashU in FY2022 (per NIH RePORT), met new NSPM-33 criteria by being associated with DPI.
Here is my ORCID iD. If you ever have questions or need help, I am more than willing to jump in how I can. That includes coming to visit with your team/department/lab etc to help get things rolling.

Recommendations: 1) Get an ORCID iD 2) Update with minimum – name, current employment, most recent education, works 3) Set visibility at yellow for those items
As I mentioned at the beginning of the presentation, ORCID is currently the only DPI to meet all of the core standards requested in the Implementation guidance for NSPM-33. The DPIs shown here in this table include Researcher ID, ORCID iD, and Scopus ID. You may be familiar with all or none.

This graphic shows you the standards identified in the guidance and how they match up to the most common DPIs out there. I don’t necessarily want to go through each of these in detail but a couple to call out. First, being an open, non-proprietary, research driven platform. ORCID is the only one that meets this criteria. Researcher ID is a product of Web of Science, owned and operated by Clarivate. Scopus ID is a product of Scopus and owned by Elsevier. ORCID is a global, not-for-profit organization, community-built and governed by a Board of Directors representative of the membership with wide stakeholder representation.

A couple of other standards to call out. ORCID does allow for the researcher to create a single record that represents their CV. You are able to populate all of your relevant information (employment, education, funding, research outputs, etc,) and ORCID allows for the ability to print the CV as well.
Helps alleviate administrative burden by allowing the researcher to transmit their information with simple steps. Example, uploading ORCID information for use in biosketch (SciENcv)

Privacy levels are available at the unit level. Meaning you can control visibility by section or individual works.