ORCID IN FUNDER WORKFLOWS: OPENLY ACCESSIBLE INFORMATION

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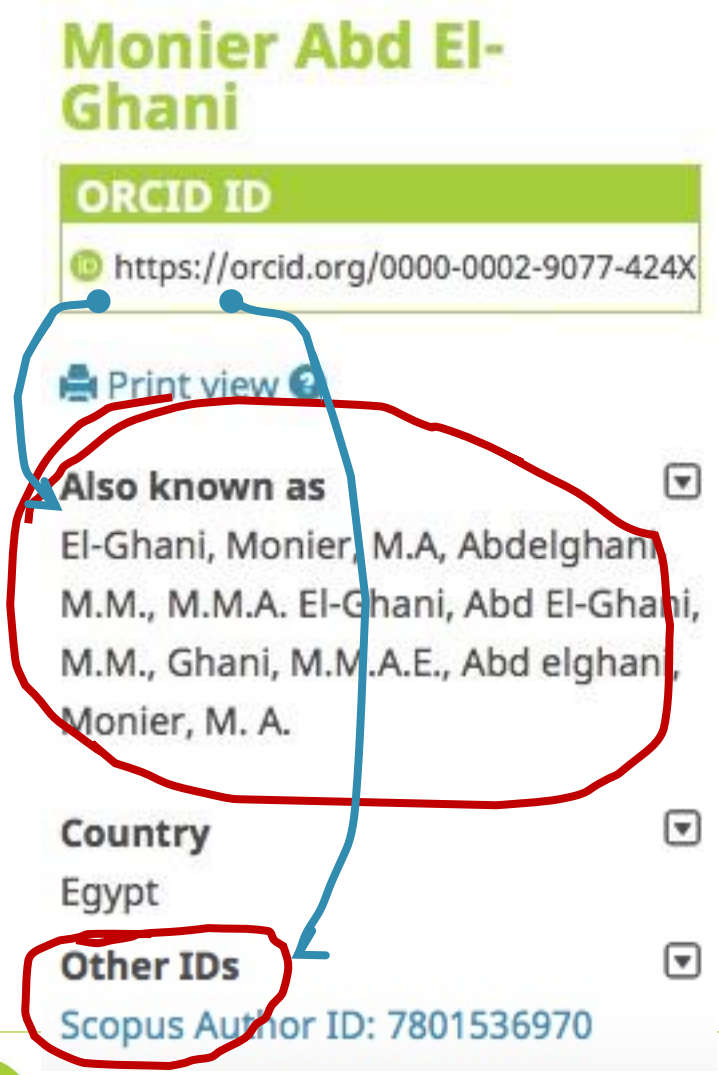
ORCID provides a
persistent digital identifier
that distinguishes researchers
from each other

ORCID PROVIDES ONE ID



Using ORCID, researchers can **connect all of their names** – and the research they have published using those names – on a global scale across their career.

Researchers can connect their ORCID iD to their other researcher identifiers and profiles

WHY SHOULD FUNDERS CARE?

- Improve application data quality
- Ensure accurate citation of award in publications
- Benefit from transparency of open funding data
- Enable analysis across funding sources
- Recognize your reviewers, too!

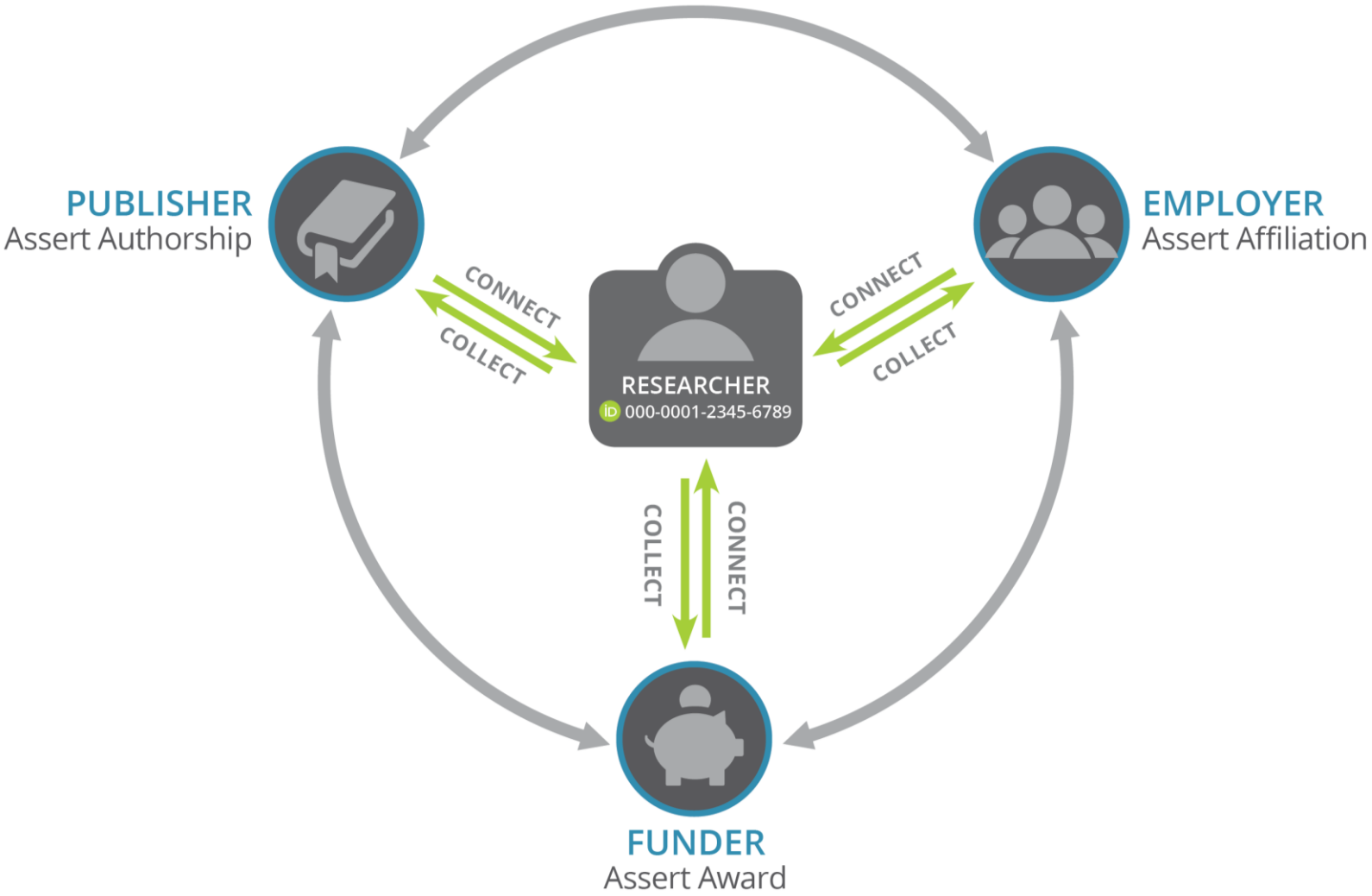
OUR GLOBAL COMMUNITY

- **4.5m researchers** have registered for an iD. 1.8m have connected their iD with other information: 28m works, 417K grants, 214K reviews, 2.2m education and 1.8m employment items
- **850+ member organizations** in 43 countries have built ORCID into more than 500 systems across all sectors of the research community
- **16 national ORCID consortia** in the UK, Finland, Sweden, Norway, Denmark, Netherlands, Belgium, Germany, Italy, South Africa, Taiwan, Australia, New Zealand, Brazil, Canada, and US

https://orcid.org/statistics

INTEROPERABILITY

ENTER ONCE
REUSE OFTEN

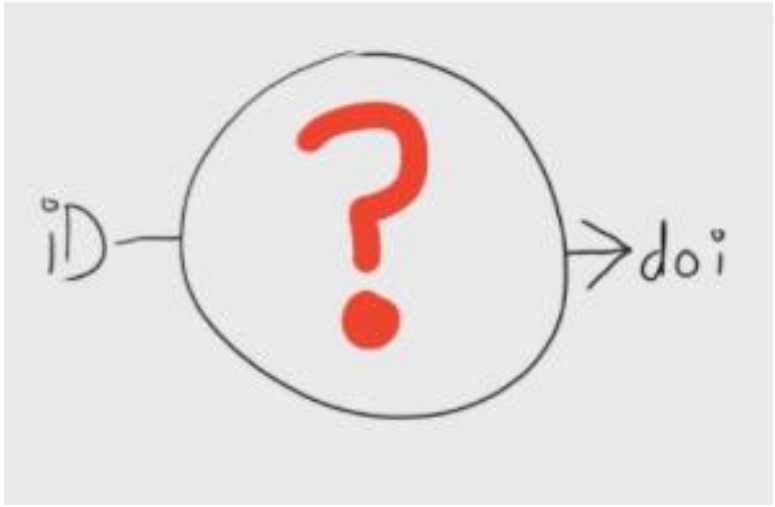


SECTOR RESPONSIBILITIES

- ***Funders:*** COLLECT iDs at grant submission and review; DISPLAY with award; CONNECT grant IDs to researcher record; SYNCH updates
- ***Universities:*** COLLECT iDs for new staff and students, at thesis submission, in faculty profile systems; DISPLAY affiliation IDs; CONNECT organization iDs (education/employment); SYNCH updates
- ***Publishers and Repositories:*** COLLECT iDs for authors, contributors, and reviewers; DISPLAY iD with work; CONNECT paper, dataset, review IDs; SYNCH updates
- ***Associations:*** COLLECT iDs for members, authors, and meeting participants; DISPLAY in association systems; CONNECT affiliation and presentation IDs; SYNCH updates

WHAT'S SO SPECIAL ABOUT SIGNING IN?

VS.



Why are researchers asked to sign in to their ORCID account to make a connection? Why can't users just copy and paste their ORCID iD?

AUTHORITY CONTROL AND THE ORCID RECORD

The ORCID record lists information that the researcher has ***chosen*** to connect to their iD. The researcher ***owns*** the record, and ***decides*** how (or if) it is shared.

Researchers ***add*** their iD using an electronic "handshake", as they interact with research systems, for example during manuscript submission, or during grant application.

The iD is ***embedded*** in the researcher's work by the publisher or funder system, creating a ***provenanced connection*** between the work and the researcher.

HOW DOES IT WORK?

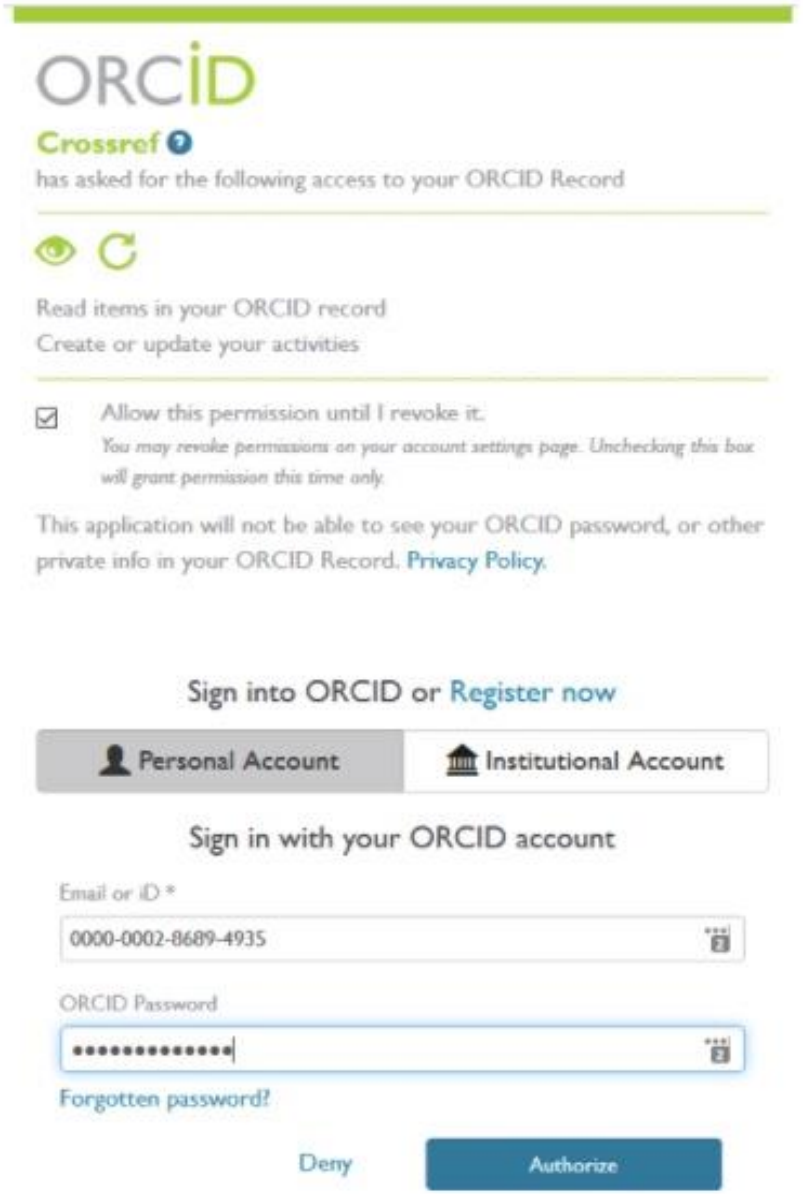
Authentication is quick, easy, and accurate.

It all starts with sign in.
When I sign in to a record, you can be sure that I control that record.

You can ask for permission to:

- Get my iD
- Read my record
- Add to my record
- Update my record

When I sign in and authorize, the ORCID API pushes my iD to your system. You can also check my ORCID record for additional info, and monitor it for updates.



APPLYING FOR A GRANT

RELIABLE CONNECTIONS

Use API to import information from the applicant's ORCID record

BENEFITS:

- **Ensure the applicant owns the iD**
- **COLLECT additional verified information**
- **CONNECT authoritative funding information to researcher records**
- **Control how your organization name is expressed in systems your researchers use**

PHOTO: Linked by NAS Alan Levine CC0
https://flic.kr/p/VKfww6

REVIEWING A GRANT

ACKNOWLEDGE REVIEW

Recognizing review activities helps others see the full picture of a researcher's professional activity.

BENEFITS:

- **Motivates researchers to review**
- **Aids funding transparency**
- **Provides verified service information that can help funders find qualified reviewers**

Peer review (1) Sort

review activity for The Journal of Neuroscience(1)

journal, The Journal of Neuroscience and eNeuro support the mission of the Society for Neuroscience. The open-access journal eNeuro embodies an emerging scientific vision that offers a new experience for authors and readers, and the highly cited Journal of Neuroscience publishes papers on a broad range of topics of general interest to those working on the nervous system.

Review date	Type	Role	Actions
2017	review	reviewer	hide details | view

Review identifier(s): SOURCE-WORK-ID: PQM9WNmosTLXYfwY5yVTw

Convening organization: Society for Neuroscience(Washington D.C., United States)

Source: The Society for Neuroscience Created: 2017-03-25

REPORTING OUTPUTS

The ability to uniquely identify contributors is a deceptively simple concept which, if realised, could enable forms of real-time understanding of scientific research that up to now have been extremely costly (if not impossible).

--Jonathan Kram, Wellcome Trust

EASY FUNDING REPORTING

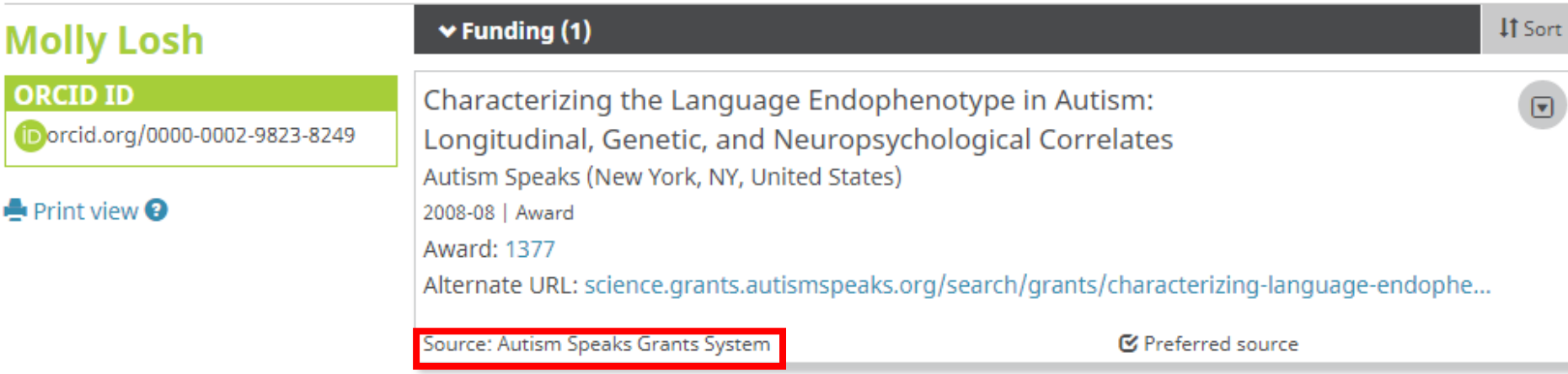
Publishers are collecting iDs and (soon) also funding information from author ORCID records

BENEFITS:

- **Researchers can easily include verified funding information in their articles**
- **Funders can easily track papers acknowledging funding, regardless of reporting system used.**

CONNECTED FUNDING

When funders push successful grant award information to the ORCID registry, it becomes easily available for researchers to use to make funding acknowledgements.



IN PROGRESS….

- Publisher presents authors with facility, funder, and institutional information from their ORCiD record.
- Author selects which information to apply to a manuscript
- Publisher includes this information in the publication metadata and Crossref feed (and thus ORCID)
- Facilities, funders, and institutions are properly acknowledged.

INTEGRATING ORCID

INTEGRATION GOALS

1. Collect iDs from applicants and reviewers
2. Request read/write/update permissions
3. Read information from ORCID record to populate standard application fields
4. Update ORCID record with award info
5. Use notification API to receive information on research activities

Funders wield the power to improve the value and openness of research information.

Unique researcher identifiers have the potential to bring efficiency and transparency to the creation and re-use of that information.