Transparency in the Publishing Process: ORCID & CRediT Developments

International Society for Managing & Technical Editors, Asia Pacific

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ORCID | Connecting Research and Researchers
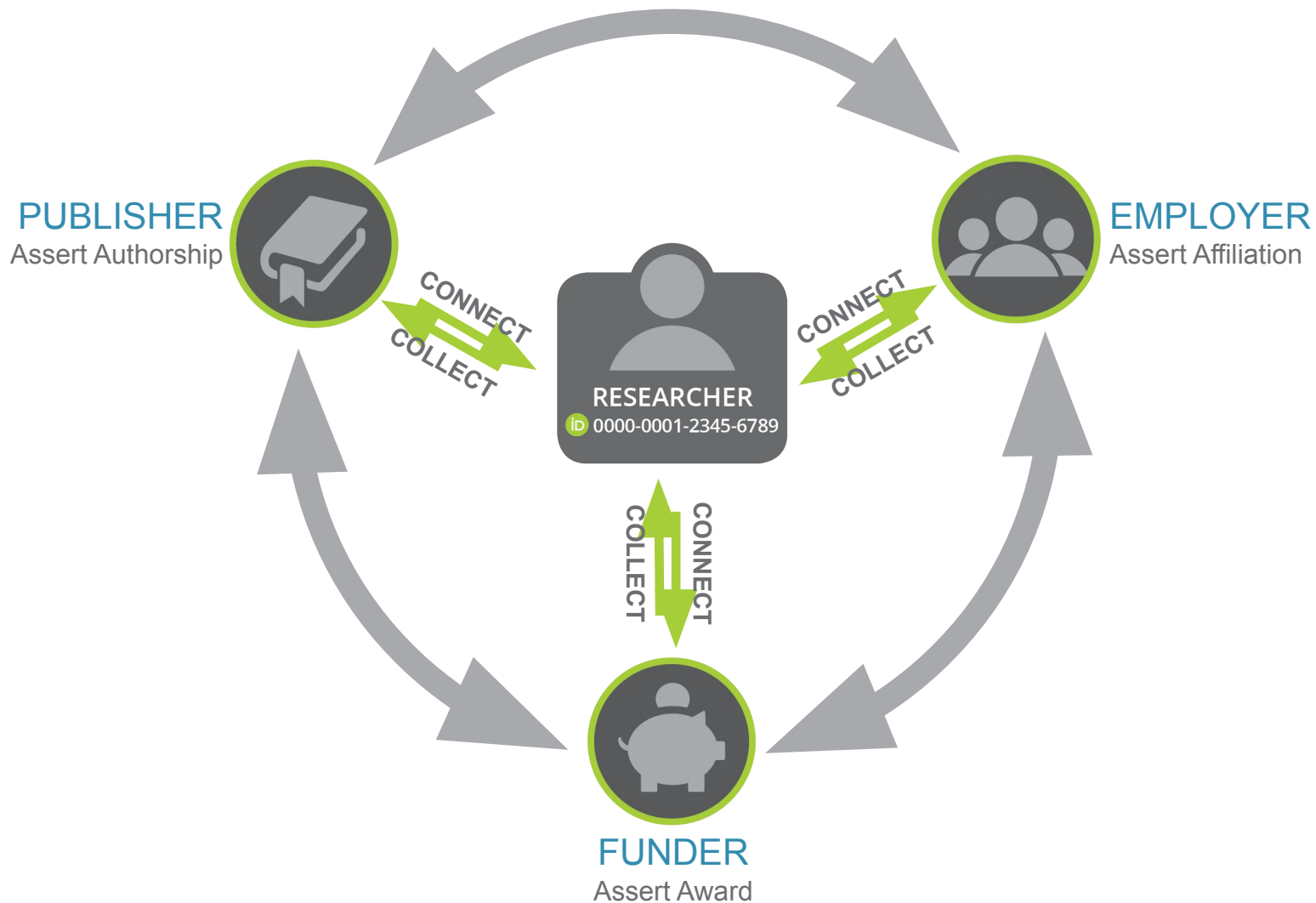
@MinihanBrian
@ORCID_Org

WHAT IS ORCID? ORCID IS NOT A TRADITIONAL VENDOR

- ORCID provides a disambiguative ID for researchers for free

- ORCID maintains a registry of these IDs and supports reliable, researcher-controlled connections with other research systems

- ORCID is supports this registry through membership by funders, publishers, universities and service providers

- ORCID members choose and maintain their systems' connections to the registry according to ORCID best practices

THE ORCID REGISTRY: A SNAPSHOT

- 9,373,654 ORCID Records (IDs)
- an average of 20-40,000 created per week
- 60,024,763 works
- 883,583 funding items
- 2,530,692 peer review items
- 4,384,691 education affiliations
- 4,464,121 employment affiliations
- 1153 member institutions
- 23 national consortia

PUBLISHER
Assert Authorship

EMPLOYER
Assert Affiliation

CONNECT
COLLECT

RESEARCHER
iD 0000-0001-2345-6789

CONNECT
COLLECT

CONNECT
COLLECT

FUNDER
Assert Award

iD INTEROPERABILITY

ORCID is researcher-based and a primary focus is user control of all of their information about their research activities and affiliations

We aim to connect these activities and affiliations through trusted connections, and display the provenence of these trusted assertions through our API tool.

ORCID connects your review activity

ORCID connects to your publications

∨ Funding (1) ❓   **+ Add funding**   **↓↑ Sort**

Titanium Foam Thermal Shielding
Ministry of Business, Innovation and Employment (Wellington)
2018-10-01 to 2021-12-01 | Grant
GRANT_NUMBER: UOAX1804

Source: New Zealand Ministry of Business, Innovation and Employment   ★ Preferred source

∨ Works (29 of 29) ❓   **+ Add works**   **± Export works**   **↓↑ Sort**

☐   ✗ COMBINE   🗑 DELETE

☐   OGLE-2013-BLG-0911Lb: A Secondary on the Brown-dwarf Planet Boundary around an M Dwarf
The Astronomical Journal
2020-01-31 | journal-article
DOI: 10.3847/1538-3881/ab64de

Source: Crossref   ★ Preferred source

☐   MOA-bin-29b: A Microlensing Gas-giant Planet Orbiting a Low-mass Host Star
The Astronomical Journal
2019-11-12 | journal-article
DOI: 10.3847/1538-3881/ab4e9e

Source: Crossref   ★ Preferred source

Other ways ORCID can work with other organisations to ensure transparency?

what's the backstory on your research?

where did your research come from?

- **JATS 2.0**

who worked with you to realise the finished publication?

- **CRediT contribution roles**

JOURNAL ARTICLE TAG SUITE 2.0

HUMANS CAN READ IT

MACHINES CAN READ IT (XML SCHEMA), AND SO CAN EASILY TRANSMIT TO OTHER SYSTEMS

THE AUTHOR SUBMITTING CAN SPECIFY THINGS SUCH AS

- **FUNDING SOURCES**
- **FACILITIES UTILISED**

CRediT CONTRIBUTOR ROLES

CONCEPTUALIZATION

DATA CURATION

FORMAL ANALYSIS

FUNDING ACQUISITION

INVESTIGATION

METHODOLOGY

PROJECT ADMINISTRATION

RESOURCES

SOFTWARE

SUPERVISION

VALIDATION

VISUALIZATION

WRITING-ORIGINAL DRAFT

WRITING-REVIEW EDITING

http://credit.niso.org/contributor-roles-defined/

What are the current ORCID contributor roles?

works:
author
assignee
editor
chair-or-translator
co-investigator
co-inventor
graduate-student
other-inventor
principal-investigator
postdoctoral-researcher
support-staff

funding:
lead
co-lead
supported-by
other-contribution

The limitations?

Contributors can only be added via the ORCID API---a researcher can not self-assert their contribution

WHAT HAPPENED?

ORCID WORK TYPES & ORCID CONTRIBUTOR ROLES FROM CASRAI OUTPUT STANDARDS (Consortia Advancing Standards in Research Administration Information)

IMPORTANT TO HAVE A LIVING, EVOLVING METADATA SCHEME/STANDARD

ORCID RESPONDS TO COMMUNITY NEEDS, AND THOSE STAKEHOLDERS

Contributor roles via ORCID now

Erratum: Mapping the global influence of published research on industry and innovation.

Osmat A Jefferson , Adam Jaffe , Doug Ashton , Ben Warren , Deniz Koellhofer , Uwe Dulleck , Aaron Ballagh , John Moe , Michael DiCuccio , Karl Ward , Geoff Bilder , Kevin Dolby , Richard A Jefferson

Nature biotechnology, Issue: 8, Volume: 36, Pages: 772-772. Aug 6, 2018

Additional Info: 🔓 Open Access

0 Patent Citations   Reference Count: 1

Summary   Citing Patents   Citing Works   1 References   Collections   Notes

◁ Share Article   ⊕ Add to Collection   ⬇ Download Citation

Abstract

No abstract available yet

Authors

Osmat A Jefferson 🆔 , Adam Jaffe , Doug Ashton ,
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Aaron Ballagh , John Moe , Michael DiCuccio ,
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Publisher: Nature Publishing Group

ORCID is working towards enabling selecting CRediT contribution roles

ORCID wants to enable CRediT contribution roles to be user-added

However, this is tricky, as our mantra is trusted assertions via the API

ability to add CRediT contributor roles in ORCID works

WORK WITH US TO ALLOW CRediT CONTRIBUTION IN ORCID

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Key Milestones Achieved in CRediT-NISO Collaboration

Baltimore, MD – July 23, 2020 – Following their April 2020 announcement, the National Information Standards Organization (NISO) and the Contributor Roles Taxonomy (CRediT) Steering Committee have now achieved two more important milestones in their work to formalize and develop CRediT both as a NISO/ANSI standard and as a community.

In short time, NISO and the CRediT Steering Committee collaborated to establish a small initial working group, which expects to complete editorial changes to the taxonomy language and submit the draft for final approval in September. In addition, they have launched a new, information-rich website http://credit.niso.org, to replace the prior version, which has now been sunset. And, to help further engage the community, a CRediT Twitter account has also been created — @contributor_roles.

"With NISO's strong support and adept project management, our team has been able to accelerate the pace of our work to share CRediT with the community – to make it as usable and useful as possible," commented Liz Allen, Director of Strategic Initiatives at F1000, one of the Taxonomy's originators, and current Steering Committee member. "We look forward to full standardization, wider adoption, and continued interest, feedback, and support from both NISO and the

A COMMUNITY SUPPORTED STANDARD WILL ENSURE LONGEVITY

NISO-CRediT IS A COLLABORATIVE EFFORT

Mejias, Gabriela; McGonagle, Alison; Harp, Gabriel (2020): NP2020_CRediT — the Contributor Roles Taxonomy Standard. NISO Plus. Presentation. https://doi.org/10.6084/m9.figshare.12093795.v1

THANK YOU!

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