Transparent future: ORCID, CRediT and Convey

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MedComms Networking Brunch, 17 October 2018
Increase transparency and efficiency

Convey

CRediT

ORCID

Simplifies the disclosure process

Taxonomy for contributorship

Persistent digital identifier for researchers
Josh Brown, ORCID EU Communications Manager, describes ORCID’s vision of a world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions across disciplines, borders, and time.
ORCID: continued growth

- Over 5.35 million active iDs
- Over 33 million works connected
- Over 7000 journals collecting ORCID iDs from lead authors
- Over 60 publishers have signed an open letter to require iDs

https://orcid.org/statistics
https://orcid.org/content/requiring-orcid-publication-workflows-open-letter
Why use ORCID in pharma?

**USING ORCID within the pharmaceutical industry**

Researchers manage their ORCID record and choose which of their research outputs are connected to their ORCID identifier. They also control privacy settings: access for everyone, access only for those they trust, and 'only me'.

Over 7000 journals collect ORCID identifiers from authors and, as of January 2019, 1770 journals require them from at least the corresponding author.

ORCID is updated by users and partner systems. Users may grant Crossref permission to find outputs associated with their ID and, pending approval, automatically update the user’s profile.

**What is an ORCID identifier?**

An ORCID identifier is a persistent code that uniquely distinguishes researchers from each other. It links all of the publications, grants awarded and positions held for each researcher from throughout their career.

**How does ORCID help researchers and organizations?**

- It solves the problem of researchers with the same name being confused for one another.
- It automatically compiles a 'research CV' of papers, data, code and other research materials by a particular researcher.
- It makes outputs more discoverable in specific research fields because the identifier may be used as a search term.

*Please note that older research outputs may need to be added manually to author profiles.*

**OpenPharma**

- It provides an API (application programming interface) that can be used to report on company-wide publications. (Member APIs are also available for more detailed queries.)
- It documents the collaboration and funding histories of individual researchers.
- It makes it easier for authors to list their affiliation consistently.
GSK Vaccines case study

USING ORCID in a pharmaceutical industry setting

"Good initiative; it's easy to register with ORCID."

Author feedback

The pilot was a success and external authors will be encouraged to register with and use ORCID in the future.

Sign-up was easy!

Only 22 participants (9%) reported any issues.

517 authors employed by the company were invited to participate in the trial.

346 authors had registered with ORCID within 7 months.

REGISTER NOW!

1. Go to neworcid.org
2. Enter your name and email address
3. Create a password
4. You're ready to go!

To gauge the usefulness of ORCID as a tool for their publication planning, GSK, a leading pharmaceutical company, ran a pilot within their Vaccines business unit in which internal authors were asked to register for ORCID identifiers.

Mysore S et al. 2018. Poster presented at 14th Annual Meeting of ISMPP, April 30 – May 2, 2018, National Harbor, MD, USA. Available at: www.healthsciencelive.com/UK/882986
CRediT
(Contributor Roles Taxonomy)
CRediT: describe your specific contribution

CRediT is a high-level taxonomy, including 14 roles, that can be used to represent the roles typically played by contributors to scientific scholarly output. The roles describe each contributor’s specific contribution to the scholarly output.

Source: https://casrai.org/credit/
CRediT: 14 roles

- Conceptualization
- Formal analysis
- Data curation
- Validation
- Methodology
- Investigation
- Writing (original draft)
- Visualization
- Software
- Resources
- Writing (review & edit)
- Supervision

Project administration
Funding acquisition

https://casrai.org/credit/
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Consider ICMJE authorship recommendations?

https://casrai.org/credit/
Benefits of CRediT

- Helping to reduce the potential for author disputes
- Supporting adherence to authorship/contributorship processes and policies
- Enabling visibility and recognition of the different contributions of researchers, particularly in multi-authored works – across all aspects of the research being reported (including data curation, statistical analysis, etc.)
- Support identification of peer reviewers and specific expertise
- Support grant making by enabling funders to more easily identify those responsible for specific research products, developments or breakthroughs
- Improving the ability to track the outputs and contributions of individual research specialists and grant recipients
- Easy identification of potential collaborators and opportunities for research networking
- Further developments in data management and nano-publication
- Inform ‘science of science’ (‘meta-research) to help enhance scientific efficacy and effectiveness
- Enable new indicators of research value, use and re-use, credit and attribution
Adoption by publishers and funding bodies

28 publishers, including:

BMJ Open Science
Cell Press
Elsevier
Evidence-Based Communications
F1000Research
Health & Medical Publishing Group
Oxford University Press
Public Library of Science (PLOS)
Springer
Wiley-VCH
Wolters Kluwer

Integrators:

Allen Press – PeerTrack
Aries Systems – Editorial Manager
Coko Foundation – xPub
River Valley – ReView

Publishing outlets:

Gates Open Research
HRB Open Research
Wellcome Open Research

Should CRediT be used as standard in submissions of industry-sponsored research?

https://casrai.org/credit/
Convey: a global disclosure system

Simplify and tailor the disclosure collection process to receive only the information required by an organization.

Discover the Convey® difference, brought to you by the Association of American Medical Colleges (AAMC)

How Convey Works

Convey has an easy 4-step disclosure process.

1. Review organization's policy and instructions.
2. Enter financial interests.
3. Answer disclosure specific additional questions.
4. Review and send.

Image from Heather Pierce, Association of American Medical Colleges. The AAMC logo is a trademark of the Association of American Medical Colleges.
The need for disclosures?

"Top cancer researcher fails to disclose corporate financial ties in major research journals"

"Top Sloan Kettering cancer doctor resigns after failing to disclose industry ties"

The New York Times, September 2018

The New England Journal of Medicine will be collecting disclosures through Convey; many other journals are in pilot stages or considering adopting the platform

A transparent future

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Resources

ORCID
- https://orcid.org
- https://networkpharma.tv/2017/05/15/an-introduction-to-orcid
- https://openpharma.blog/2018/10/03/new-resource-orcid-infographic

Convey
- www.convey.org

CRediT
- https://casrai.org/credit