How to be a Distinguished Researcher

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Research is organized...



Publications are not:



Scientific publications are messy

- Is John Smith @ McMaster = John Smith @ Queen's?
- How can John Smith #2 get hired/tenure if he can't prove which articles are his?



Eliminates the risk of mis-identification

Facilitates the sharing of your research activities



Credit for authorship is guaranteed

Name variants & spelling mistakes do not matter:

"Peter R. Briggs", "Peter Brigs", "P.R. Briggs" = 0000-0002-7164-0545

Received: 3 September 2019 Revised: 19 November 2019 Accepted: 22 November 2019 DOI: 10.1111/gcb.14950 Global Change Biology WILEY PRIMARY RESEARCH ARTICLE Higher than expected CO₂ fertilization inferred from leaf to global observations Vanessa Haverd¹ | Benjamin Smith^{1,2,3} | Josep G. Canadell¹ | Matthias Cuntz⁴ | Sara Mikaloff-Fletcher⁵ | Graham Farquhar⁶ | William Woodgate⁷ Peter R. Briggs¹ | Cathy M. Trudinger⁸ ¹CSIRO Oceans and Atmosphere, Canberra, Abstract ACT, Australia Several lines of evidence point to an increase in the activity of the terrestrial ²Department of Physical Geography and Ecosystem Science, Lund University, Lund, biosphere over recent decades, impacting the global net land carbon sink (NLS) and Sweden its control on the growth of atmospheric carbon dioxide (c_a). Global terrestrial gross ³Hawkesbury Institute for the Environment,



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- ▶ **REQUIRED** by 1500+ journals
- REQUIRED by major funders
- Integrates with McMaster Experts
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So...it's just a number?

[Boring...]



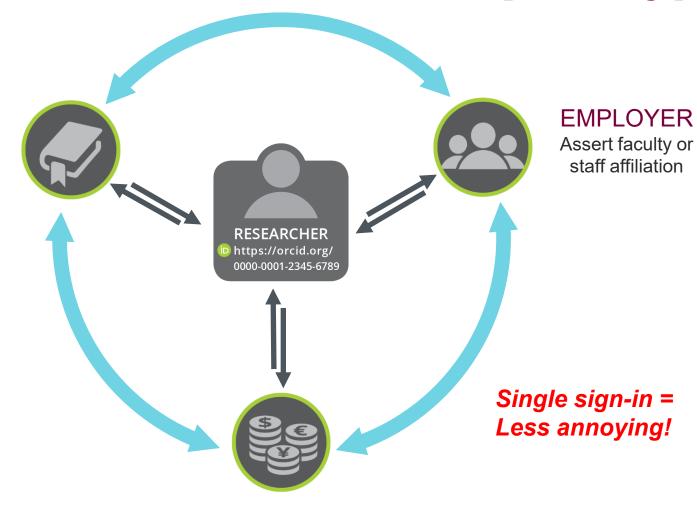


Not just a number!

[Exciting!]

PUBLISHER &
REPOSITORY
Assert authorship &

Assert authorship & data contributions



FUNDER & FACILITY

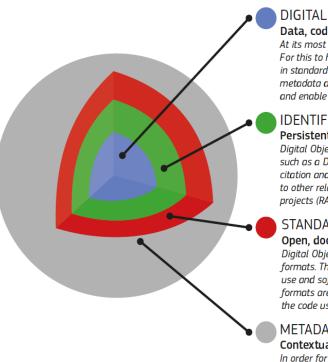
Assert grant, facilities, and equipment award



FAIR data encapsulation

Findability **A**ccessibility **I**nteroperability Reusability

Datasets + metadata



DIGITAL OBJECT

Data, code and other research outputs

At its most basic level, data or code is a bitstream or binary sequence. For this to have meaning and to be FAIR, it needs to be represented in standard formats and be accompanied by Persistent Identifiers (PIDs), metadata and documentation. These layers of meaning enrich the object and enable reuse.

IDENTIFIERS

Persistent and unique (PIDs)

Digital Objects should be assigned a unique and persistent identifier such as a DOI or URN. This enables stable links to the object and supports citation and reuse to be tracked. Identifiers should also be upplied to other related concepts such as the data autilors (ORCIDs). projects (RAIDs), funders and associated research resource

STANDARDS & CODE

Open, documented formats

Digital Objects should be represented in common and ideally open file formats. This enables others to reuse them as the format is in widespread use and software is available to read the files. Open and well-documented formats are easier to preserve. Data also need to be accompanied by the code use to process and analyse the data.

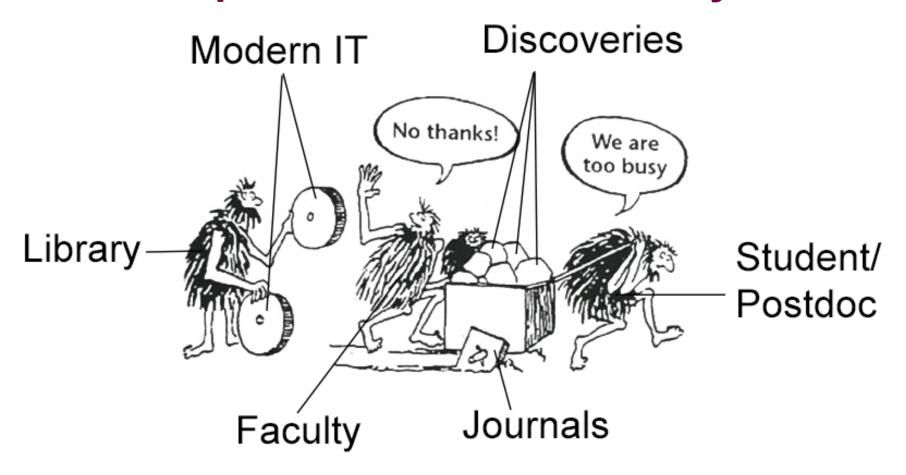
METADATA

Contextual documentation

In order for Digital Objects to be assessable and reusable, they should be accompanied by sufficient metadata and documentation. Basic metadata will enable data discovery, but much richer information and provenance is required to understand how, why, when and by whom the objects were created. To enable the broadest reuse, they should be accompanied by a plurality of relevant attributes and a clear and accessible usage license.



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 - facilities requests
 - manuscript submission
 - human resources
- An open, not-for-profit serving the research community.
- Independent:
 - Your data will not be commercialized.
 - You control the privacy settings of your profile.



Take control of your identity as a researcher

- Profiles are everywhere!
 - Publons
 - Web of Science AuthorID
 - Scopus ResearcherID
 - McMaster Experts

ORCiD helps to connect these and keep them updated automatically.

► Take ownership of your profile or you will **be profiled**.

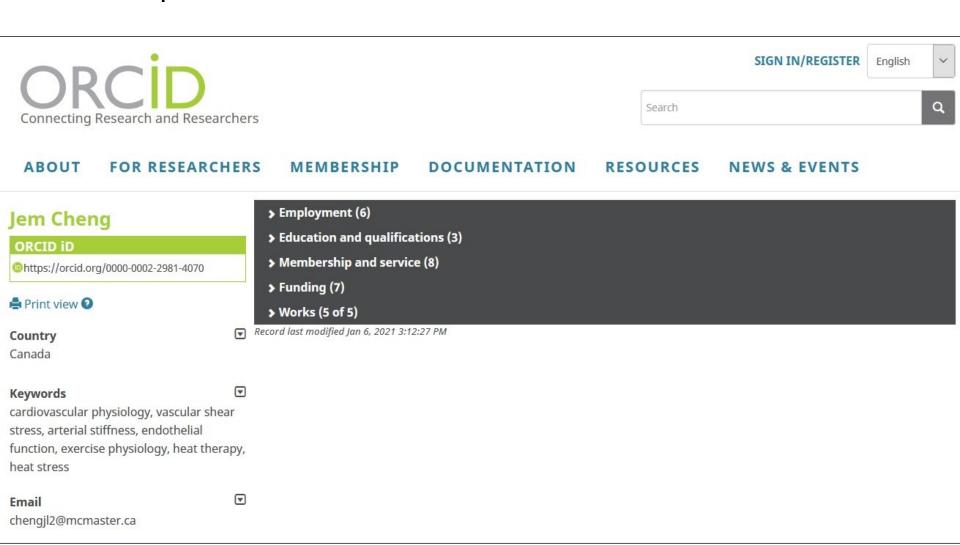
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1,870,317 ORCID iDs and counting. See more...

ed pots". See

I Sort

Josiah Carberry

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Also known as

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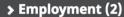
Biography

Josiah Carberry is a fictitious person. This account is used as a demonstration account by ORCID, CrossRef and others who wish to demonstrate the interaction of ORCID with other scholarly communication systems without having to use a real-person's account.

Josiah Stinkney Carberry is a fictional professor, created as a joke in 1929. He is said to still teach at Brown

University, and to be known for his wo his Wikipedia entry for more details.

Get credit for peer review



> Worke (6 of 6)

 \blacksquare

♥

 \blacksquare

→ Peer review (3)

 ✓ review activity for Research Grants (3)

institution, Research Grants supports advancing novel research in fascinating areas of study.

Review date	Туре	Role	Actions
2018-04	review	reviewer	show details view
2017-09	review	reviewer	show details view
2017-06	review	reviewer	⊙ show details view

ORCID.org

Use 2 emails!

You will:

- move to another university
- 2. forget your password
- 3. request a password reset
- have no way to get the password reset code from your <u>OLD</u> university's email account
- make another ORCID because you really need one to submit your latest manuscript
- 6. officially become 2 different people
- 7. be totally screwed...

Register for an ORCID iD

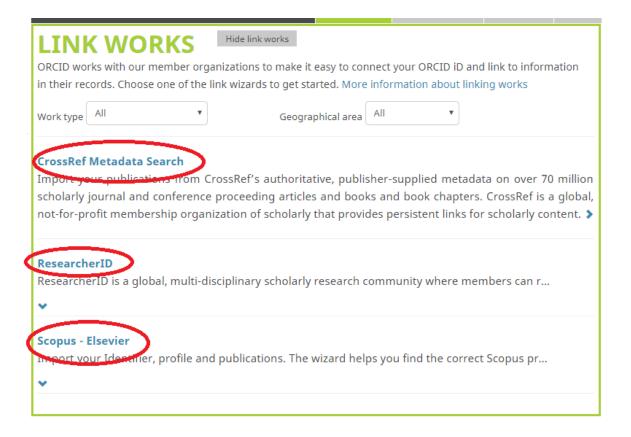
ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized.

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First name	
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Last name	
Primary email	
	*
Additional email	
	9
• Add another email	
Create an ORCID password	
	* 2
Confirm ORCID password	
	*
Visibility settings	
Your ORCID iD connects with your ORCID record that can contain links to your research activities, affiliother versions of your name, and more. You control this content and who can see it.	iations, awa
By default, who should be able to see information added to your ORCID Record?	
Everyone (87% of users choose this)	* Q
Trusted parties (5% of users choose this)	•
Only me (8% of users choose this)	



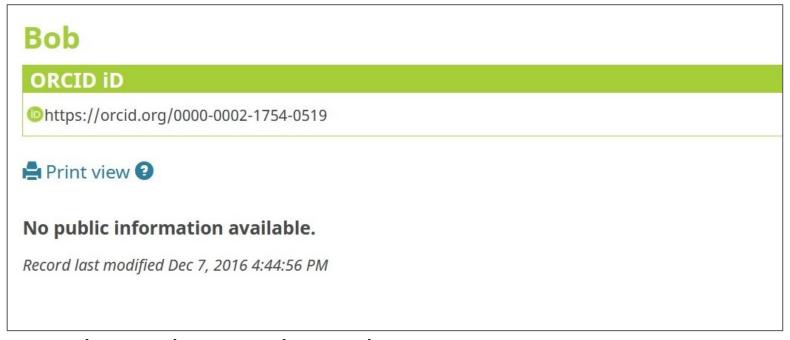
Set up your connections





Don't be like Bob – be distinguished!

A real ORCiD profile made in haste just to get a number:



- ▶ Where does Bob work?
- What has he published?
- How does this profile help anybody?
- ► Thanks a lot Bob...

