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

PRIMARY RESEARCH ARTICLE

Global Change Biology WILEY

Higher than expected CO_2 fertilization inferred from leaf to global observations

Vanessa Haverd[1] | Benjamin Smith[1,2,3] | Josep G. Canadell[1] | Matthias Cuntz[4] | Sara Mikaloff-Fletcher[5] | Graham Farquhar[6] | William Woodgate[7] | Peter R. Briggs[1] | Cathy M. Trudinger[8]

[1]CSIRO Oceans and Atmosphere, Canberra, ACT, Australia

[2]Department of Physical Geography and Ecosystem Science, Lund University, Lund, Sweden

[3]Hawkesbury Institute for the Environment,

Abstract

Several lines of evidence point to an increase in the activity of the terrestrial biosphere over recent decades, impacting the global net land carbon sink (NLS) and its control on the growth of atmospheric carbon dioxide (c_a). Global terrestrial gross

Nobody is spying on you

ORCID is not a company.

Your name and workplace are listed in your publications anyways.

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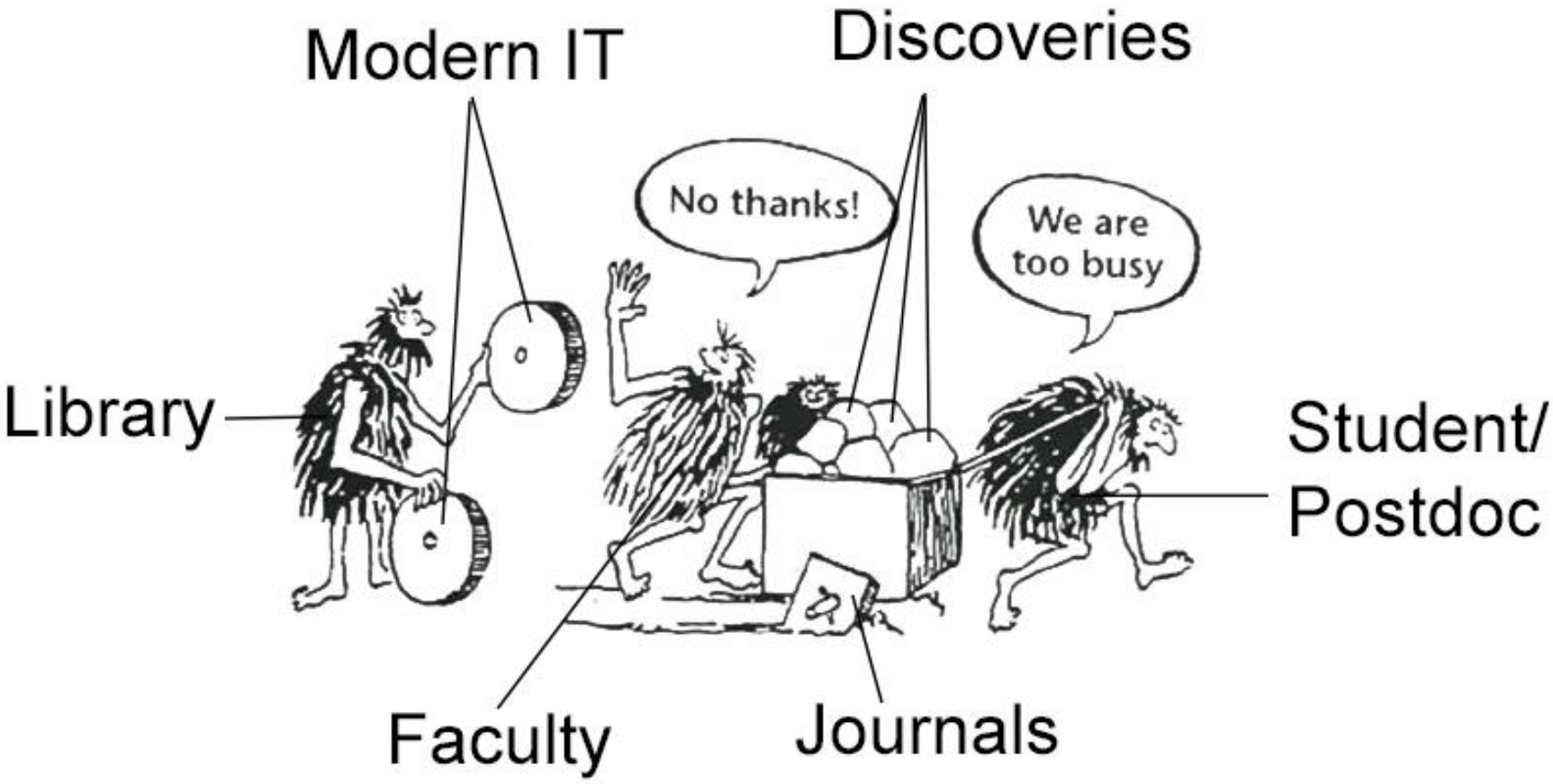
ORCID helps research roll smoothly



- In 2020, **2,639,296** researchers got an ORCID.

Let's move out of the Stone Age...

Distinguish yourself with ORCiD

- *The* international standard to link authors & their work
  - "*DOI for researchers*"
  - Auto-populate forms & applications
- **REQUIRED** by 1500+ journals
- **REQUIRED** by major funders
- Integrates with McMaster Experts
- FREE!

So…it's just a number?

[Boring…]

Not just a number!

[Exciting!]

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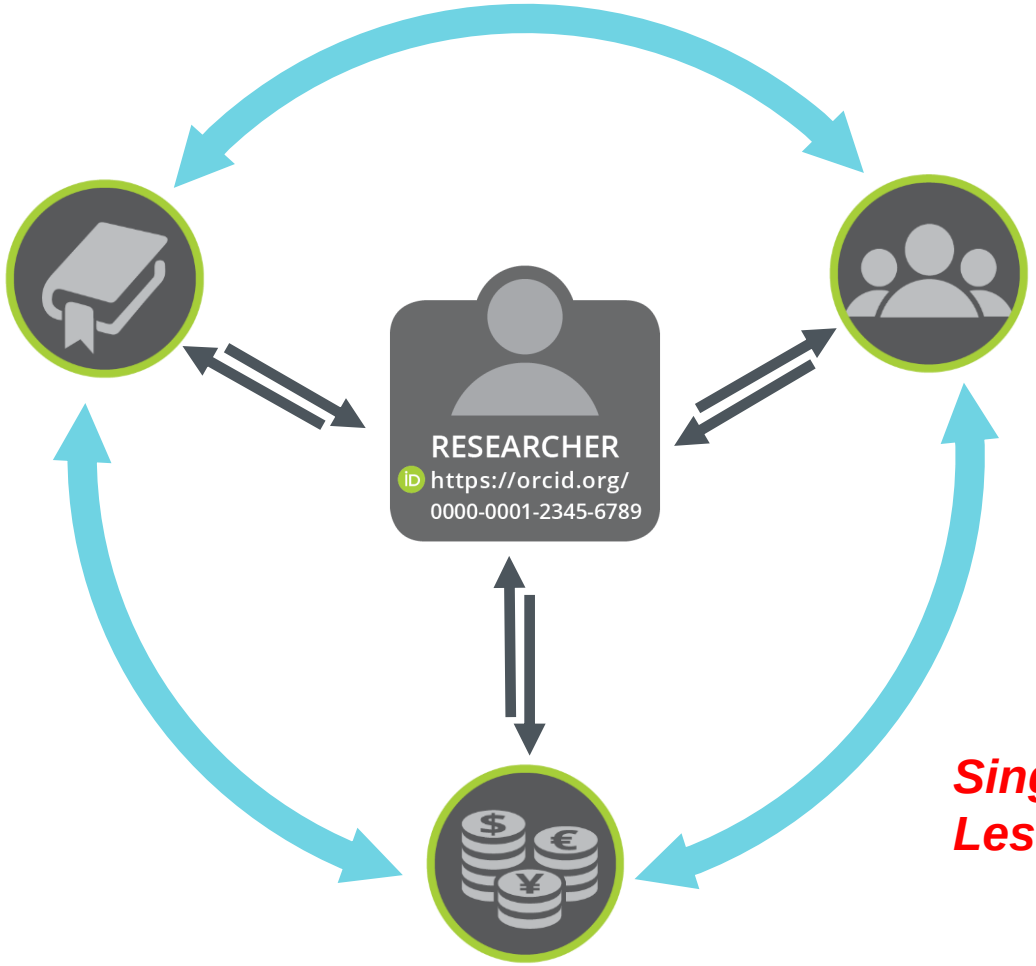
REPOSITORY
Assert authorship &
data contributions



EMPLOYER
Assert faculty or
staff affiliation

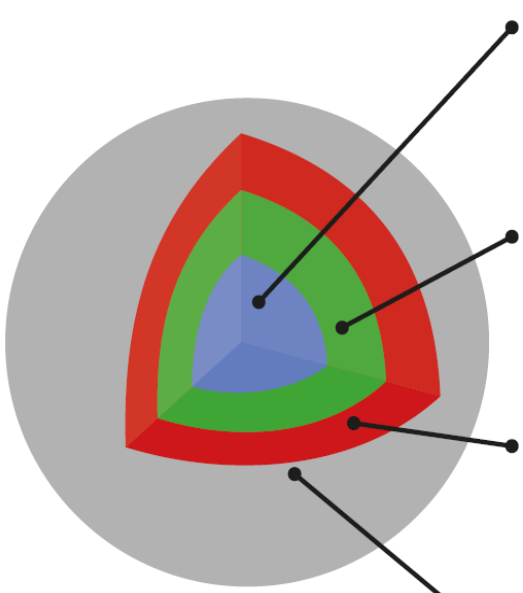
Single sign-in =
Less annoying!

FUNDER & FACILITY
Assert grant, facilities, and equipment award

FAIR data encapsulation

Findability
Accessibility
Interoperability
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 applied to other related concepts such as the data authors (ORCIDs), projects (RAIDs), funders and associated research resources (RRIDs).

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.

The ORCID system is:

- A **global** membership of **1,228** research institutions
- An **ecosystem** connecting researchers & their activities:
  - grant application and reporting
  - 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!

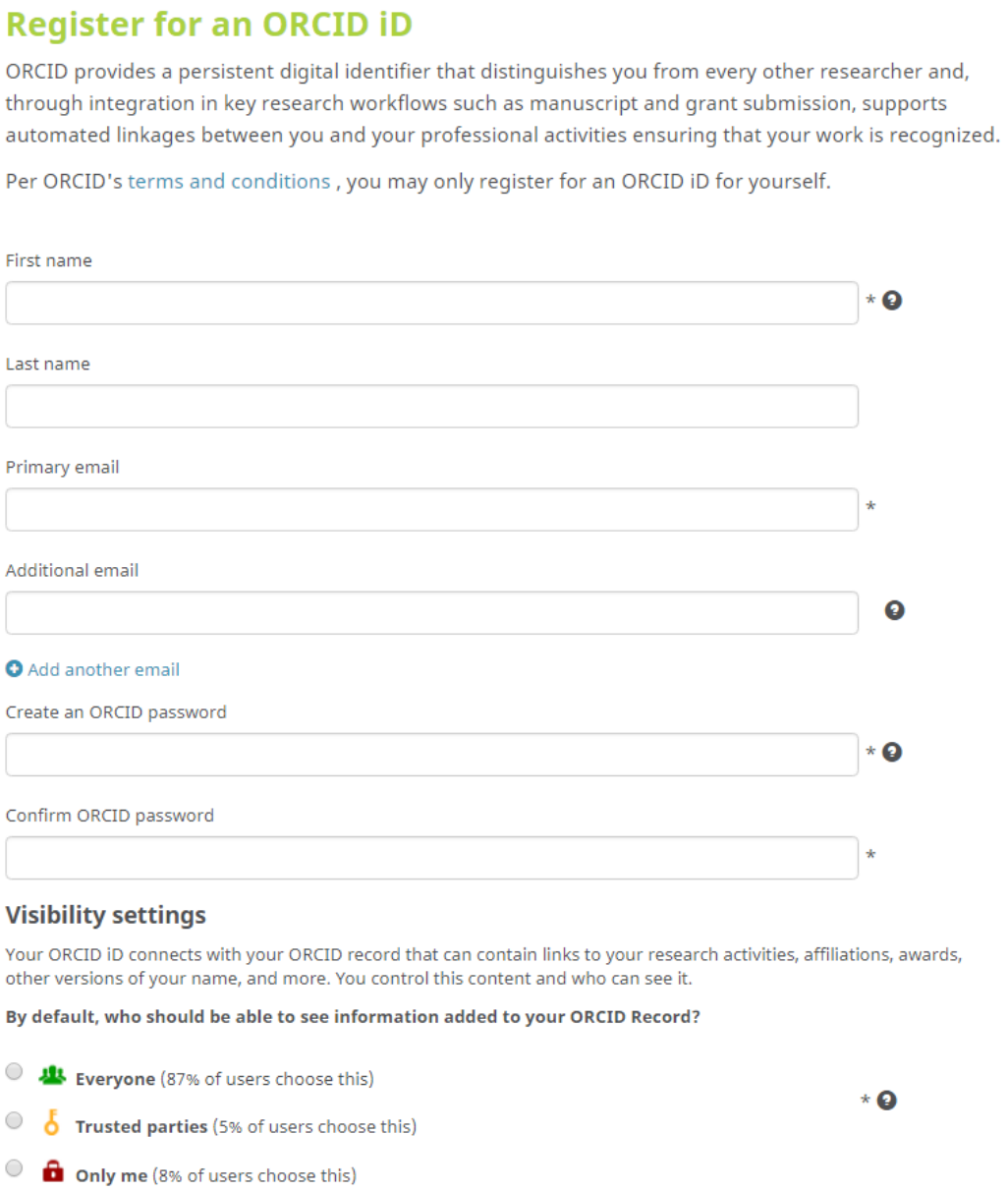
- When you publish an article, you are profiled by an algorithm:
  - Google Scholar
  - Web of Science *AuthorID*
  - Scopus *ResearcherID*
  - Dimensions
- They have *no idea* if you are a real person.
- **Your researcher profile should not be something that "just happens" to you.**
- Take ownership of your profile or you will ***be profiled***.

ORCID.org

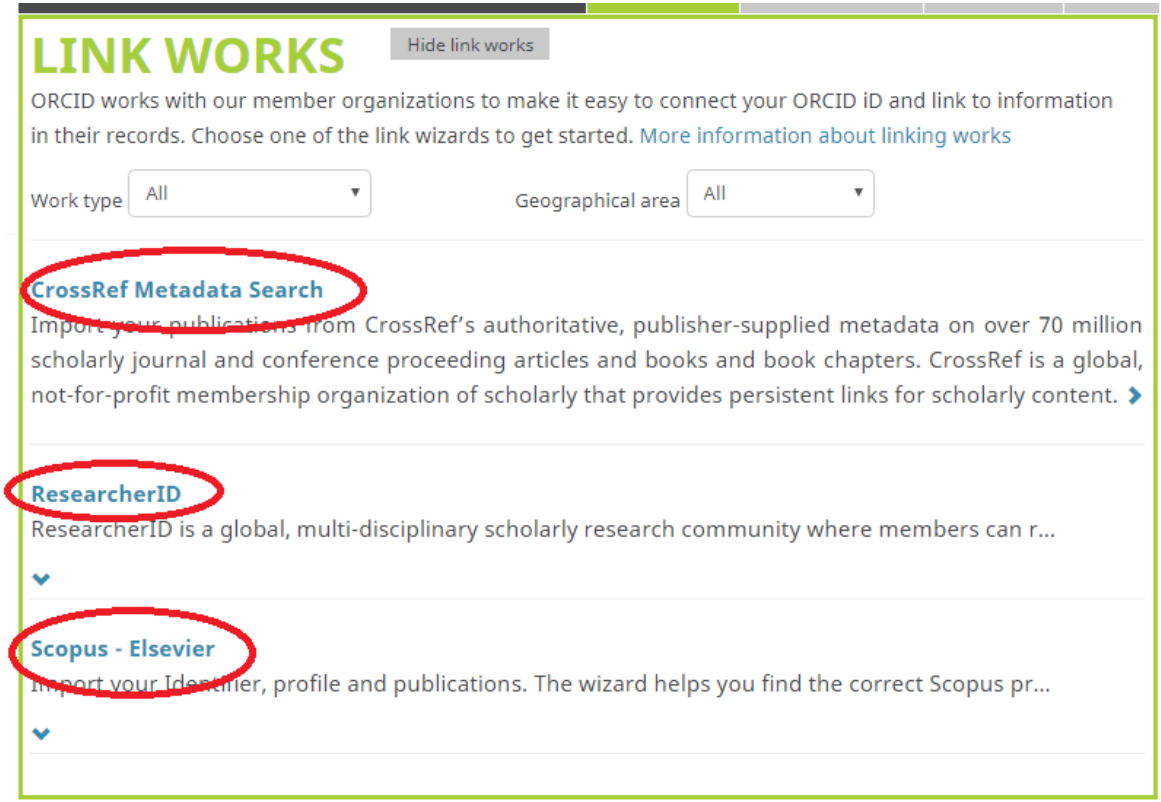
Use 2 emails!

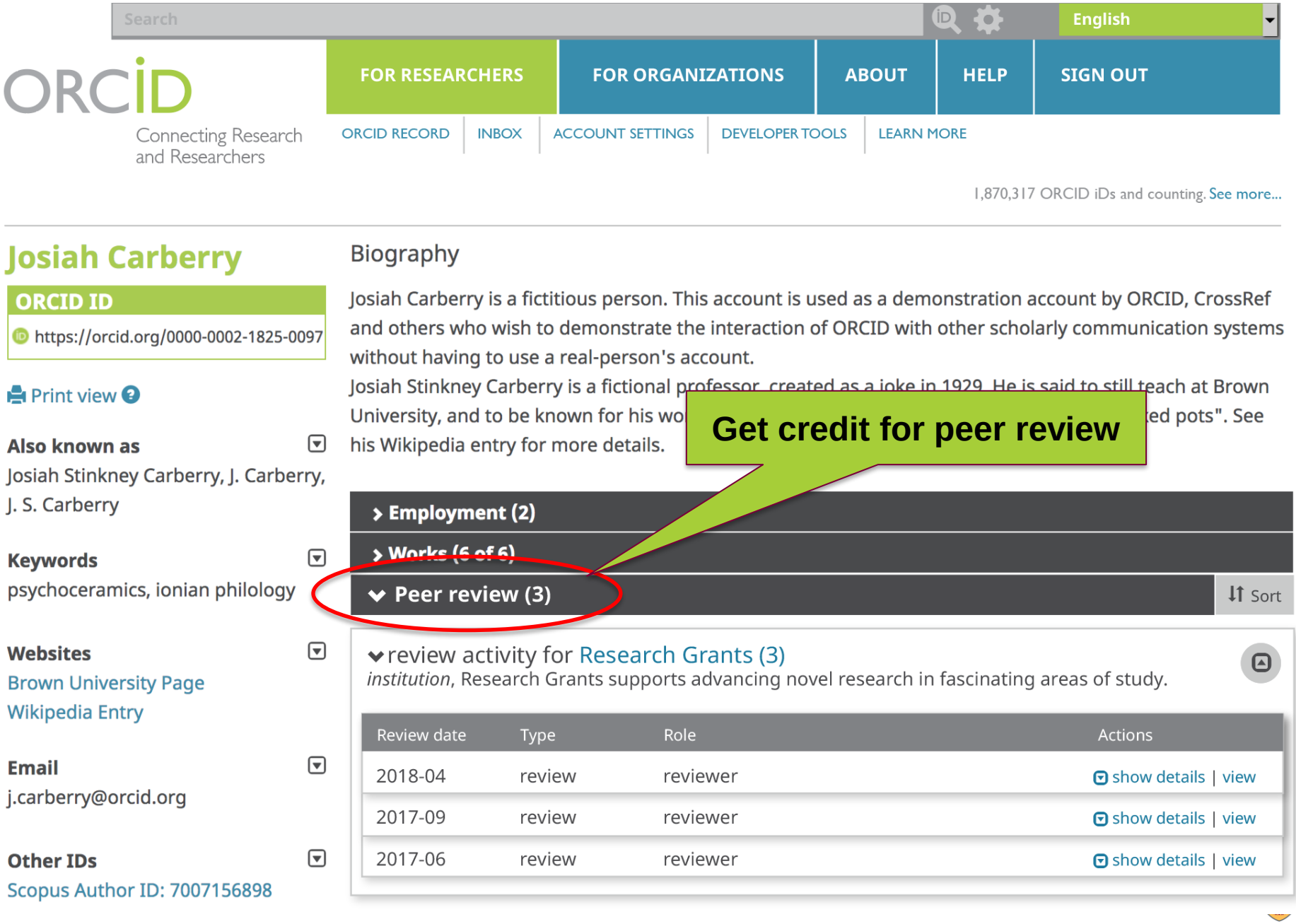
You will:

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



Set up your connections

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1,870,317 ORCID iDs and counting. See more...
Josiah Carberry
ORCID ID
https://orcid.org/0000-0002-1825-0097
Print view
Also known as
Josiah Stinkney Carberry, J. Carberry, J. S. Carberry
Keywords
psychoceramics, ionian philology
Websites
Brown University Page
Wikipedia Entry
Email
j.carberry@orcid.org
Other IDs
Scopus Author ID: 7007156898
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
ed pots". See his Wikipedia entry for more details.
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Employment (2)
Works (6 of 6)
Peer review (3)
Sort
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institution, Research Grants supports advancing novel research in fascinating areas of study.
Review date
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Role
Actions
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reviewer
show details | view
2017-09
review
reviewer
show details | view
2017-06
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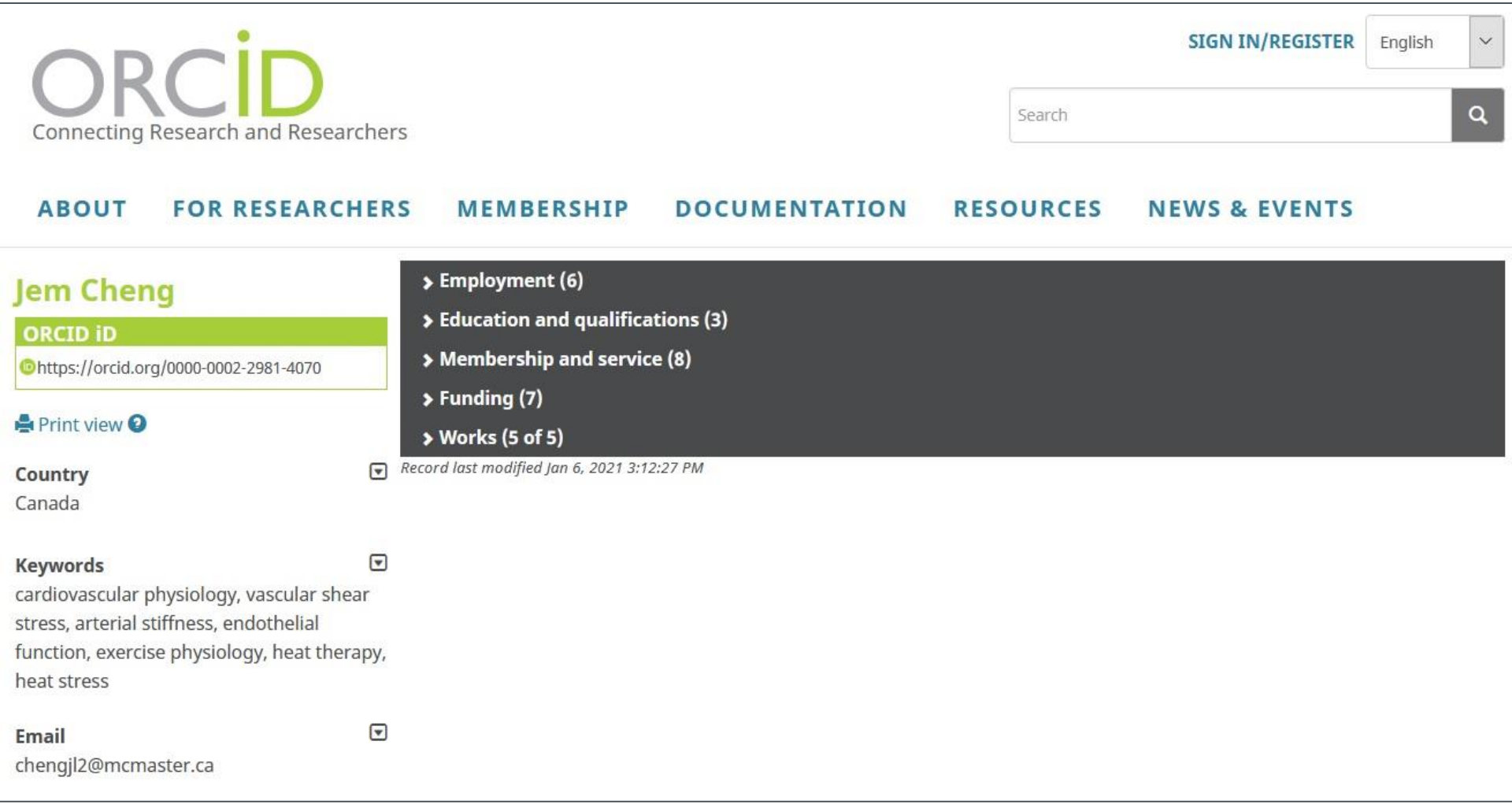
reviewer
show details | view

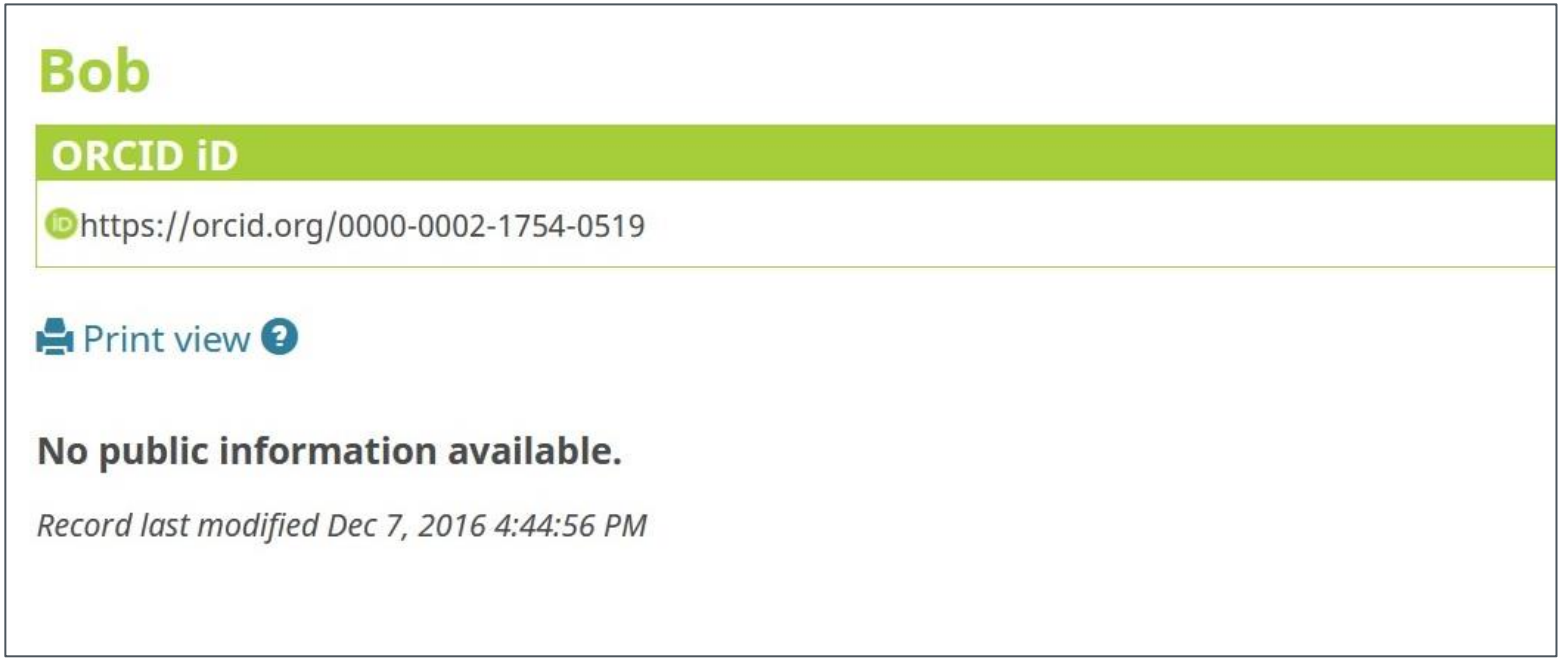
Get the most out of your profile

Datasets, Software, Dissertation/thesis, Awards, Patents, Artistic performances…



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…*