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figshare



ORCID

Figshare Integration with ORCID

Presented at the ORCID Research Visibility
Workshop held on 14 August 2019 at University
of Pretoria

By Johann van Wyk



Overview

- Introduction: Overview of Persistent Identifiers (specifically DOIs and ORCID)
- Research Process
- Figshare, DataCite and ORCID
- Process to authorize your ORCID with DataCite
- Process to link your Figshare account with ORCID

Persistent Identifiers

Identifiers are not new:

- An *identifier* is a label which gives a unique name/number to an entity: a person, place, or thing, whether online or offline (ORCID, n.d.). For example: URLs, and Bibliographic identifiers such as ISBN and ISSN to identify books, serials and journals

Persistent Identifiers:

- A persistent identifier is a long-lasting reference to a digital resource (ORCID, n.d.)
- Very often URLs to a specific digital resource may break or become unworkable, but a *persistent* identifier will reliably point to a digital entity (ORCID, n.d.)



Persistent Identifiers

Examples of Persistent Identifiers:

- Archival Resource Keys (ARKs)
- Electronic Identifier Serial Publications (EISPs)
- Extensible Resource Identifiers (XRI),
- International eBook Identifier Numbers (IEINs),
- LSID (Life Science Identifiers)
- Persistent Uniform Resource Locators (PURLs),
- Uniform Resource Names (URNs),
- Handles,
- **DOIs** and
- **ORCID**



DOI (Digital Object Identifier)

DOIs are persistent identifiers for objects such as journal articles, books, and datasets in the digital environment.

A DOI is a unique alphanumeric string assigned by a registration agency (e.g. DataCite and Crossref) to identify a digital object, e.g. a data set, journal article etc.

Metadata about the object is stored together with the DOI name. This may include a location, such as a URL, where the object can be found. (Wikipedia)

For example: <http://dx.doi.org/10.1000/182>



A DOI is very important in referencing/citing of a digital object and provides persistent links to these objects.

Examples using Harvard referencing style:

Example of a journal article:

- Bangani, S. & Moyo, M. 2019. 'Data sharing practices among researchers at South African Universities'. *Data Science Journal*, 18(1), p.28. DOI: <http://doi.org/10.5334/dsj-2019-028>

Example of a dataset:

- Woods, C., Fernee, C., Browne, M., Zakrzewski, S. & Dickinson, A. 2018. 'The potential of statistical shape modelling for geometric morphometric analysis of human teeth in archaeological research', electronic dataset, *University of Southampton Institutional Repository*, doi:[10.5258/SOTON/404043](https://doi.org/10.5258/SOTON/404043).

DOI (Digital Object Identifier)



ORCID

- ORCID iD is an example of a persistent identifier for a person.
- ORCID iD distinguishes you from other researchers and provides a record that supports automatic links among all your professional activities. These are stored in the ORCID Registry, in an account you own and manage (ORCID, n.d.).



- DOIs ensure persistent access to your publications, and increase citations to your publications (articles, datasets, book chapters etc.) and raise the University's ranking
- ORCID directs people to your profile and all your publications. This leads to people citing your publications which adds to your reputation as researcher and enhances the University's ranking

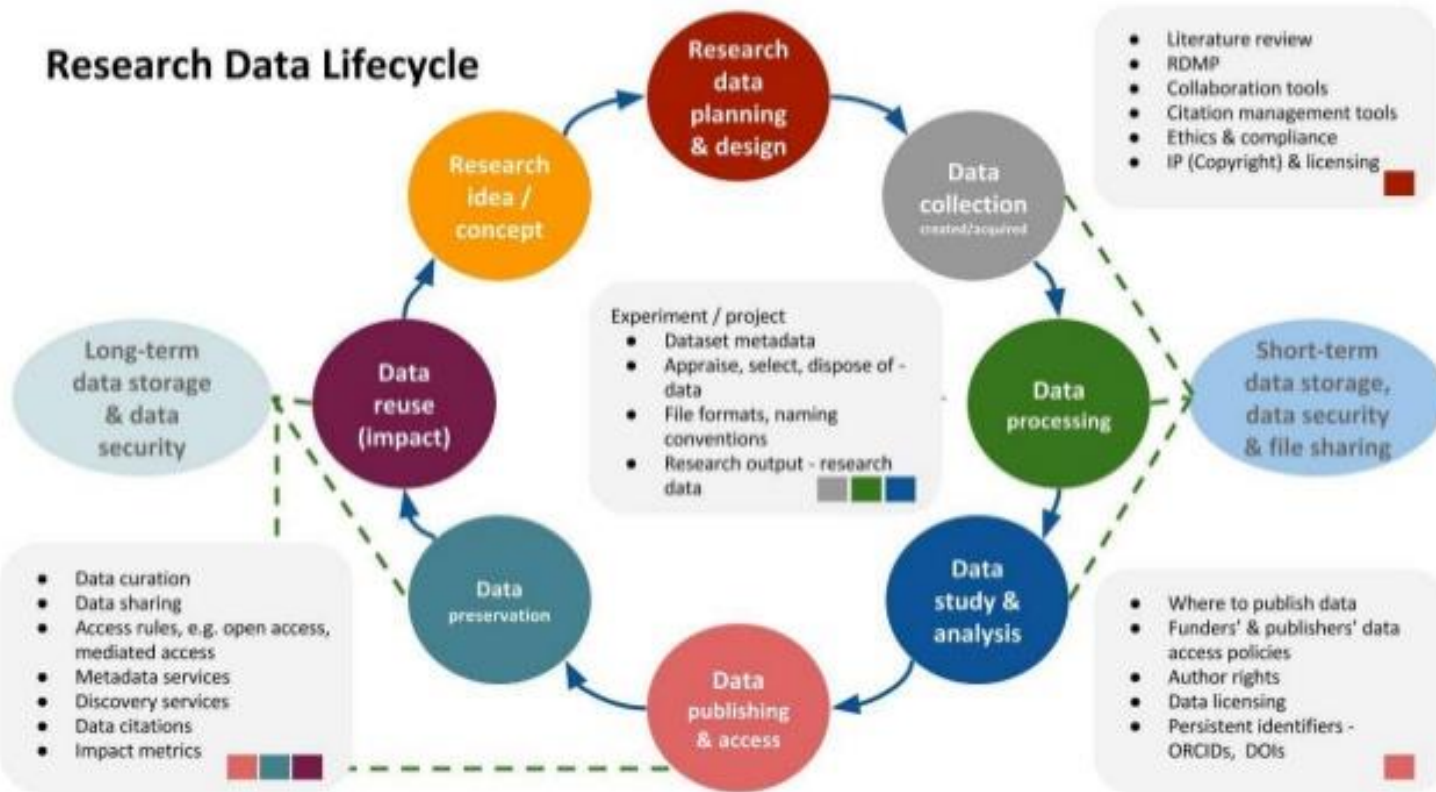
Value of using DOIs and ORCID



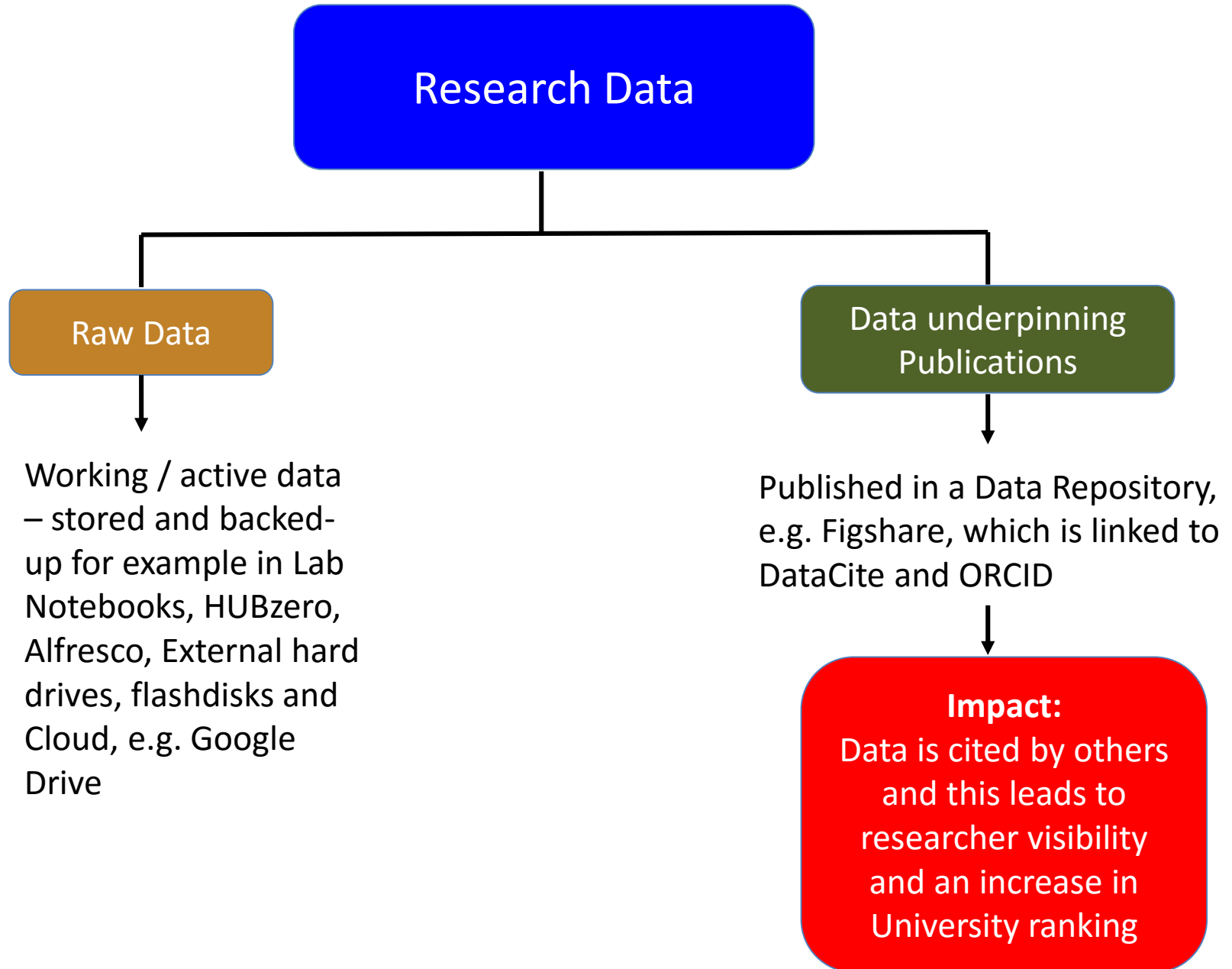
Research Process



Research Data Lifecycle



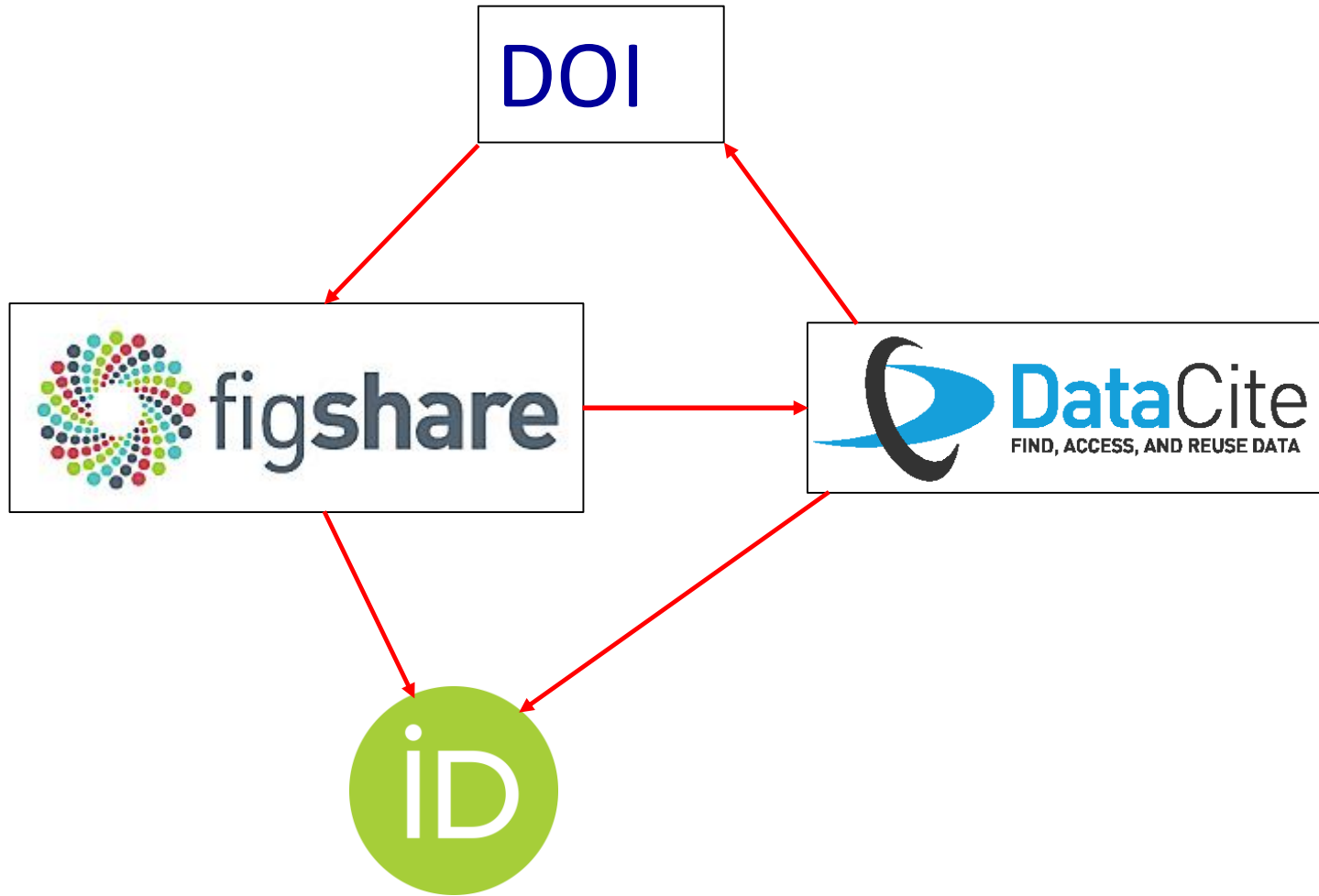
(Unsworth, 2017)



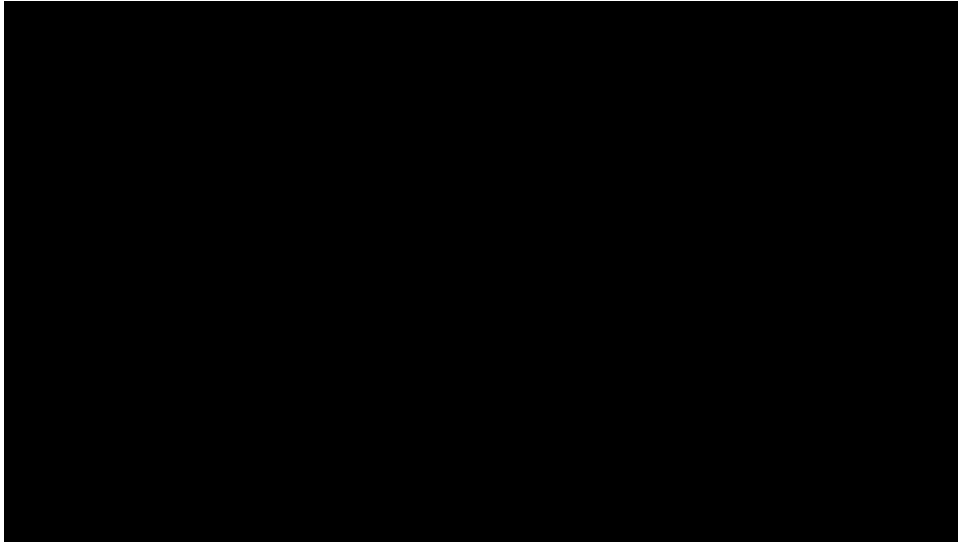
Figshare, DataCite and ORCID

- Figshare offer an ORCID integration that once connected, will allow you to push all of your public items from Figshare to ORCID. To push all of your public items from Figshare to ORCID you need to ensure **DataCite** is authorised on your ORCID account.
- **DataCite** is a leading global non-profit organisation that are aims to improve data citation/referencing. DataCite is also responsible for issuing DOIs (Digital Object Identifiers) to data. Figshare is a DataCite node, therefore items published on Figshare are issued with DataCite DOIs.





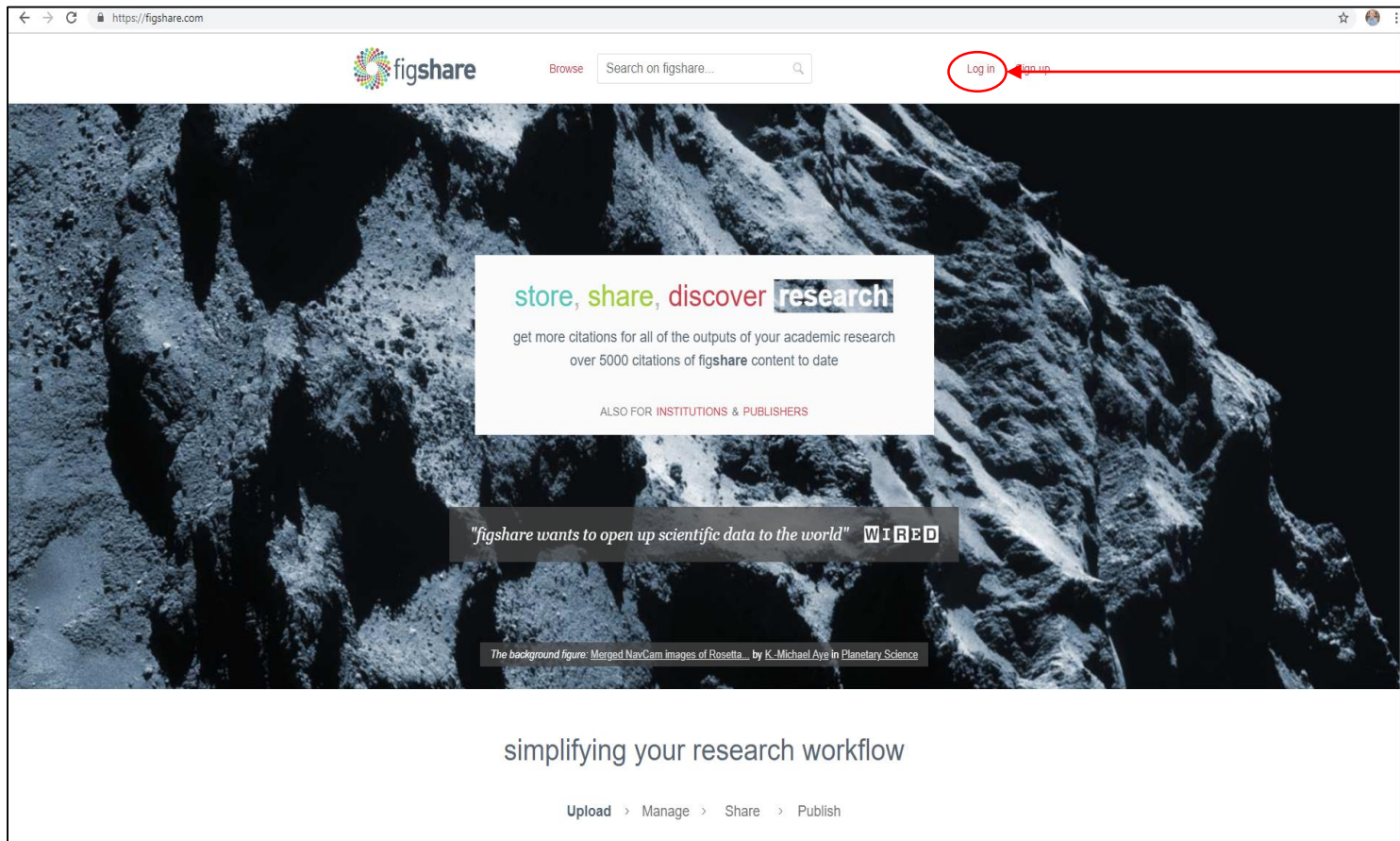
Process to authorise your ORCID to DataCite



https://youtu.be/ACNbx_kYy1Q

- Log into your ORCID account
- Scroll down to the Works section and Click +Add works
- Select Search & Link. You will then be presented with the services you can link to
- Select DataCite
- Next you will be presented with a permissions form. Tick the box next to 'Allow this permission until I revoke it' and Authorise.
- Once this has been done, go to ORCID's Account settings tab. DataCite should now be listed as a trusted organisation.

Process to link your Figshare account to ORCID



Log into your Figshare Account

Click on Picture and then on 'Profile'

https://up.figsh.com/browse

Browse Search on University of Pretoria... Upload My data

- Help
- Profile
- Settings
- Applications
- Logout

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Browse research data from University of Pretoria + Follow

ALL CATEGORIES SEARCH sort Posted date ↓

Issues.jpg 09/05/2019
Isak van der Walt

D Eygelaar working draft article_1Mrt.docx 24/04/2019
Fourie Joubert

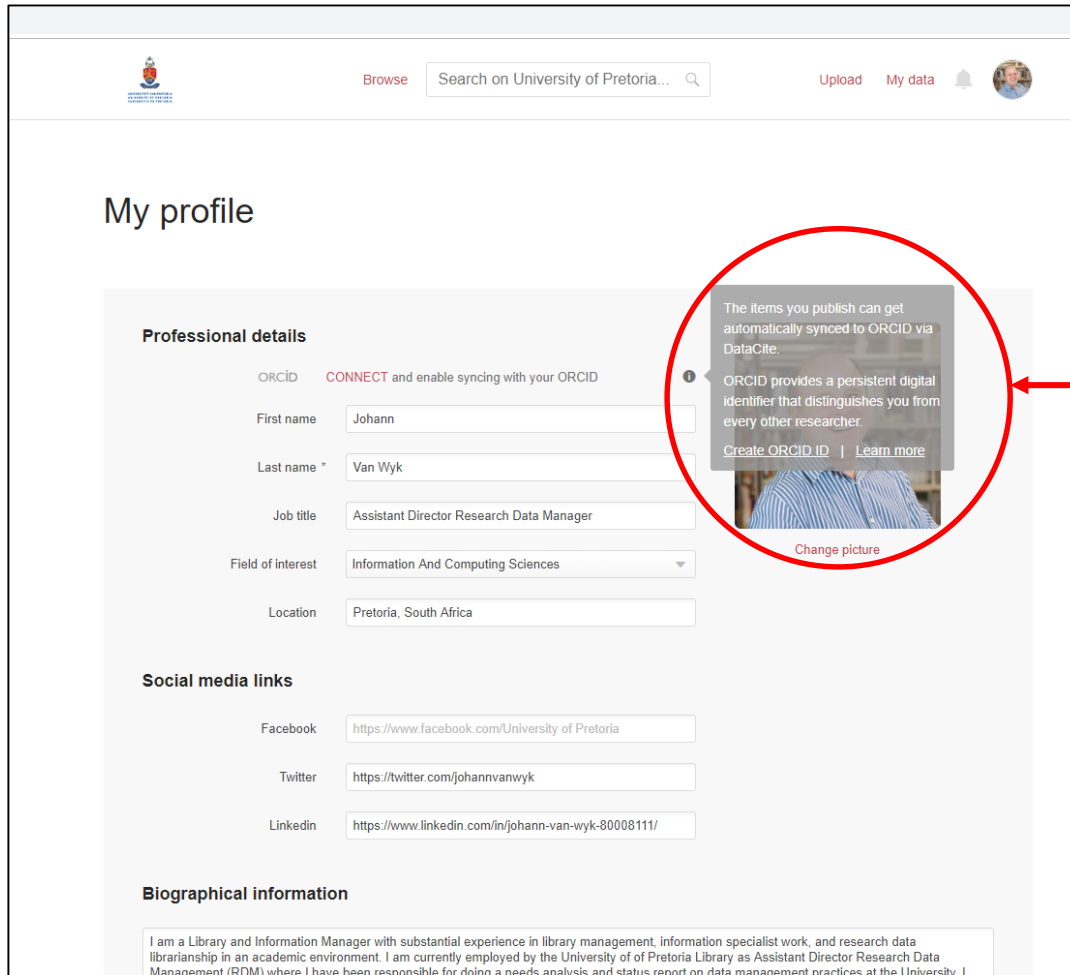
VEP_06July.txt 24/04/2019
Fourie Joubert

omega_all-gatk-haplotype-joint-an... 24/04/2019
Fourie Joubert

DATASET DATASET DATASET

DATASET SOFTWARE

Hover with your mouse over the **i** and it will give you more info about the function of ORCID in Figshare



The screenshot shows a user profile on Figshare. The profile is titled "My profile" and includes sections for "Professional details", "Social media links", and "Biographical information". In the "Professional details" section, there is a "CONNECT" button next to the ORCID field. A red circle highlights a tooltip that appears when hovering over the "i" icon. The tooltip text reads: "The items you publish can get automatically synced to ORCID via DataCite. ORCID provides a persistent digital identifier that distinguishes you from every other researcher. Create ORCID ID | Learn more". Below the tooltip is a small image of a person and a "Change picture" link.

Professional details

ORCID **CONNECT** and enable syncing with your ORCID

First name

Last name

Job title

Field of interest

Location

Social media links

Facebook

Twitter

LinkedIn

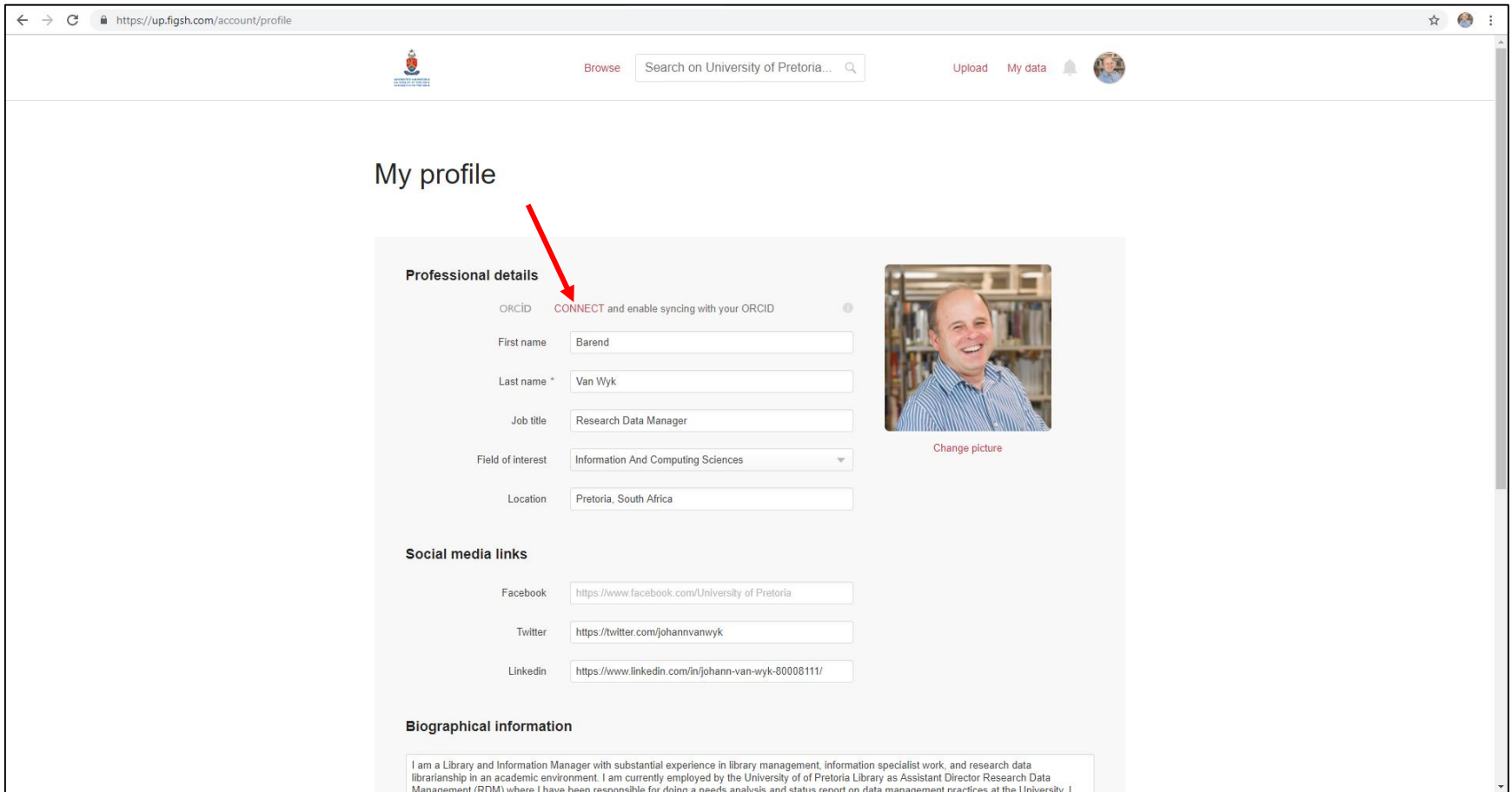
Biographical information

I am a Library and Information Manager with substantial experience in library management, information specialist work, and research data librarianship in an academic environment. I am currently employed by the University of of Pretoria Library as Assistant Director Research Data Management (RDM) where I have been responsible for doing a needs analysis and status report on data management practices at the University. I

The items you publish can get automatically synced to ORCID via DataCite

ORCID provides a persistent digital identifier that distinguishes you from every other researcher

Next to ORCID click on CONNECT



My profile

Professional details

ORCID **CONNECT** and enable syncing with your ORCID

First name: Barend

Last name: Van Wyk

Job title: Research Data Manager

Field of interest: Information And Computing Sciences

Location: Pretoria, South Africa

Social media links

Facebook: <https://www.facebook.com/University of Pretoria>

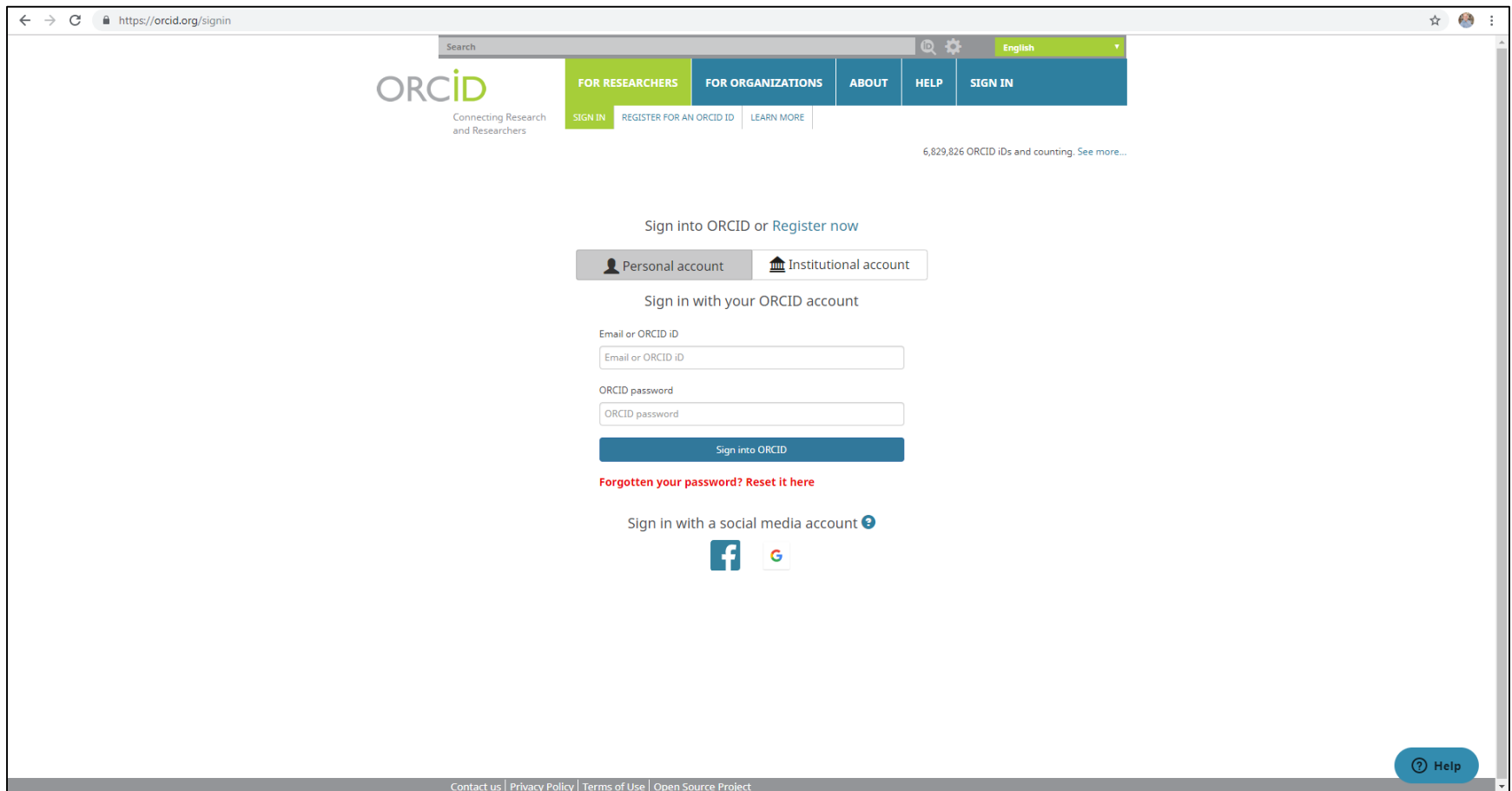
Twitter: <https://twitter.com/johannvanwyk>

LinkedIn: <https://www.linkedin.com/in/johann-van-wyk-80008111/>

Biographical information

I am a Library and Information Manager with substantial experience in library management, information specialist work, and research data librarianship in an academic environment. I am currently employed by the University of Pretoria Library as Assistant Director Research Data Management (RDM) where I have been responsible for doing a needs analysis and status report on data management practices at the University.

You will now be taken to ORCID's site. Login to the site



The screenshot shows the ORCID sign-in page in a web browser. The address bar displays "https://orcid.org/signin". The page features the ORCID logo and navigation links for "FOR RESEARCHERS", "FOR ORGANIZATIONS", "ABOUT", "HELP", and "SIGN IN". Below the navigation, there are links for "SIGN IN", "REGISTER FOR AN ORCID ID", and "LEARN MORE". A counter indicates "6,829,826 ORCID iDs and counting. See more...". The main content area is titled "Sign into ORCID or Register now" and offers two account types: "Personal account" (selected) and "Institutional account". Under "Sign in with your ORCID account", there are input fields for "Email or ORCID iD" and "ORCID password", followed by a "Sign into ORCID" button. A link for "Forgotten your password? Reset it here" is provided. Below, there is a section for "Sign in with a social media account" with icons for Facebook and Google. A "Help" button is located in the bottom right corner. The footer contains links for "Contact us", "Privacy Policy", "Terms of Use", and "Open Source Project".

Your ORCID ID will now be linked to your Figshare account

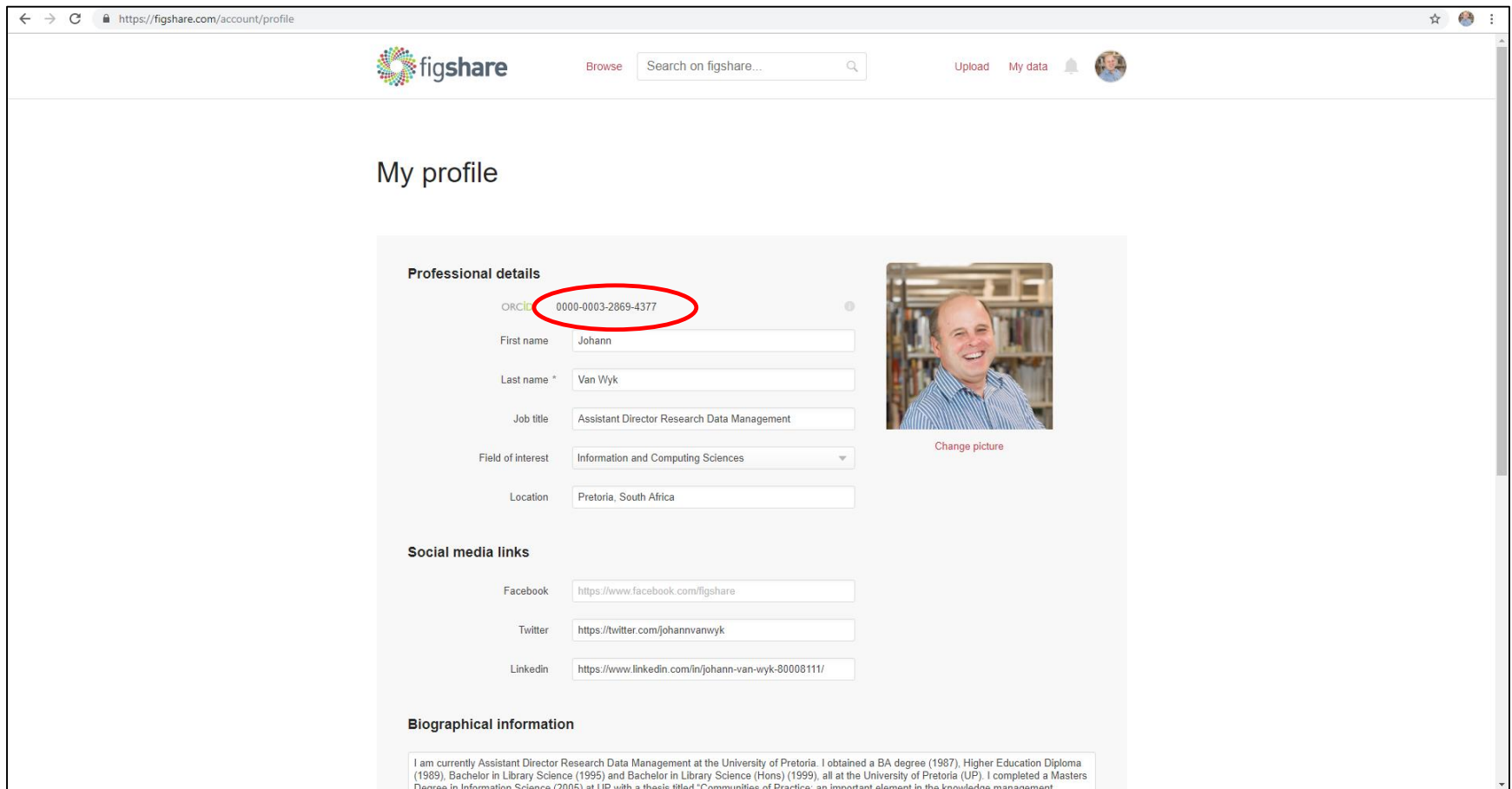
The screenshot shows the ORCID iD profile page for Johann van Wyk. The page is titled "ORCID iD" and includes a search bar, navigation tabs for "FOR RESEARCHERS", "FOR ORGANIZATIONS", "ABOUT", "HELP", and "SIGN OUT". The profile information includes:

- ORCID iD:** <https://orcid.org/0000-0003-2869-4377>
- Biography:** Library and Information Manager with substantial experience in library management, information specialist work, and research data librarianship in an academic environment. I am currently employed by the University of Pretoria Library as Assistant Director Research Data Management (RDM) where I have been responsible for doing a needs analysis and status report on data management practices at the University. I have also been involved in the development of a new Research Data management Policy for the University, and were involved in the evaluation process for a data repository for the University. Currently I am also involved in a project to train library staff and researchers in the fundamentals and...
- Employment (4):**
 - University of Pretoria: Pretoria, Gauteng, ZA (2014-01-14 to present) | Assistant Director Research Data Management (Department of Library Services)
 - University of Pretoria: Pretoria, Gauteng, ZA (2013-02-01 to 2013-12-31) | E-Services Manager (Department of Library Services)
 - University of Pretoria: Pretoria, Gauteng, ZA (2002-03-01 to 2013-01-31) | Faculty Library Manager (Education Library) (Department of Library Services)
 - University of Pretoria: Pretoria, Gauteng, ZA (2012-02-01 to 2012-06-31) | Acting Deputy Director Client Services (Department of Library Services)
- Also known as:** Johann van Wyk, Barend Johannes van Wyk, B.J. van Wyk, J. van Wyk, Barend van Wyk, B. van Wyk
- Country:** South Africa
- Keywords:** research data management, knowledge management, Virtual Research Environments, University of Pretoria, e-Research, Library Services
- Websites:** Twitter Page, LinkedIn Page, ResearchGate, Mendeley profile, Academia.edu
- Other IDs:** ResearcherID: D-4227-2012

Go to Figshare. Then click on your photo and then on Profile on the Dropdown menu

The screenshot shows a web browser window at the URL <https://up.figsh.com/browse>. The page features the University of Pretoria logo and a search bar. A dropdown menu is open over the profile picture, listing options: Help, Profile, Settings, Applications, and Logout. Below the profile information, there is a section for research data with filters for 'ALL', 'CATEGORIES', and 'SEARCH'. The data items are displayed in a grid, including 'Issues.jpg', 'D Eyelaar working draft article_1Mrt.docx', 'VEP_06July.txt', 'omega_all_gatk-haplotype-joint-an...', and 'SOFTWARE'.

Your ORCID will now show on top of your Figshare profile



The screenshot shows a web browser window with the URL <https://figshare.com/account/profile>. The page title is "My profile". The Figshare logo is in the top left, and there are navigation links for "Browse", "Upload", and "My data". A search bar is also present.

The main content area is titled "My profile" and contains several sections:

- Professional details:** This section includes a profile picture of a man in a blue and white striped shirt. Below the picture is a "Change picture" link. The details are as follows:
 - ORCID: 0000-0003-2869-4377 (circled in red)
 - First name: Johann
 - Last name: Van Wyk
 - Job title: Assistant Director Research Data Management
 - Field of interest: Information and Computing Sciences
 - Location: Pretoria, South Africa
- Social media links:** This section includes links to the user's Facebook, Twitter, and LinkedIn profiles.
 - Facebook: <https://www.facebook.com/figshare>
 - Twitter: <https://twitter.com/johannvanwyk>
 - LinkedIn: <https://www.linkedin.com/in/johann-van-wyk-80008111/>
- Biographical information:** A text box containing the following text: "I am currently Assistant Director Research Data Management at the University of Pretoria. I obtained a BA degree (1987), Higher Education Diploma (1989), Bachelor in Library Science (1995) and Bachelor in Library Science (Hons) (1999), all at the University of Pretoria (UP). I completed a Masters Degree in Information Science (2005) at UP with a thesis titled "Communities of Practice: an important element in the knowledge management".

This is how it will look on your public profile

https://figshare.com/authors/Johann_Van_Wyk/4029140

figshare

Browse Search on figshare... Upload My data

Johann Van Wyk ORCID 0 item views 0 item downloads 0 citations

0000-0003-2869-4377

Assistant Director Research Data Management (Information and Computing Sciences)

Pretoria, South Africa

t in

I am currently Assistant Director Research Data Management at the University of Pretoria. I obtained a BA degree (1987), Higher Education Diploma (1989), Bachelor in Library Science (1995) and Bachelor in Library Science (Hons) (1999), all at the University of Pretoria (UP). I completed a Masters Degree in Information Science (2005) at UP with a thesis titled "Communities of Practice: an important element in the knowledge management practices of an academic library as learning organisation". I have completed a PhD (Information Science) with a thesis titled "The relationship between Research Data Management and Virtual Research Environments". I have done wide array of presentations on Knowledge Management, Communities of Practice, Web/Library 2.0, Research Data Management, and Virtual Research Environments.

Publications

- Van Wyk, Johann, Van der Westhuizen, Erica E.; International Conference of Animal Health Information Specialists (5th : 2005 : Onderstepoort, South Africa); Croft, Vicki F. (University of Pretoria, Veterinary Science Library, 2007) [Online] available at <http://repository.up.ac.za/handle/2263/6427>
- Libworld South Africa - <http://repository.up.ac.za/handle/2263/21919>

Johann Van Wyk's public data

Example of the public profile of an established researcher on Figshare

The screenshot shows the Figshare profile of Mark Hahnel. The profile includes a profile picture, a bio, and a list of publications. Two red boxes with arrows highlight specific information: one for the ORCID ID and another for a DOI in the publications list.

ORCID

0000-0003-4741-0309

DOI

10.1038/502298a

10.1016/j.vascn.2010.01.013

10.1063/1.3686243

Mark Hahnel's public data

Value of syncing Figshare with ORCID

- Syncing with ORCID helps in the following manner:
 - “All of your publicly available figshare outputs can be added to your ORCID account, giving you credit for all of your research” (Hahnel, 2013).
 - “Your publication list can be pulled into your figshare profile to avoid duplicated effort. This is also true for other pieces of information, such as your academic biography” (Hahnel, 2013).
 - It will increase citations to your datasets and raise your institution’s ranking





Thank you

Bibliography

- Ciobanu, L.M. 2016. **How to: ORCID-Datacite sync.** Video Clip. [Online] available at https://youtu.be/ACNbx_kYy1Q (Accessed 24 July 2019)
- Hahnel, M. 2013. **Figshare ORCID integration.** Blog post. [Online] available at https://figshare.com/blog/figshare_ORCID_integration/86 (Accessed 24 July 2019).
- Unsworth, K. 2017. **Research data lifecycle: data skills for librarians.** Birds of a Feather session on the role of the Librarian in the data lifecycle at the Research Support Community Day, Sydney 2017. [Online] available at <https://www.slideshare.net/SusanMRob/rscd-2017-bo-f-data-lifecycle-data-skills-for-libs> (Accessed 12 August 2019).