



# figshare

Research repository and online research profile

Gede Primahadi Wijaya Rajeg

 <https://orcid.org/0000-0002-2047-8621>

 @PrimahadiWijaya

In collaboration with [Megan Hardeman](#) (figshare) and the figshare team of the [Monash University Library](#)

**Social Researchers Forum (SRF)** discussion  
2 Mei 2019, 12pm, Monash University, Australia

# Acknowledgement

Social Researchers Forum (SRF) for the kind invitation

Monash University Library (figshare team)

- Beth Pearson
- Anne Melles
- Neil Dickson

Megan Hardeman (figshare)

Slides are built upon materials from the [Figshare Ambassadors](#) project (Hardeman 2018, 2019)



# Outline

- ❖ About **figshare**
- ❖ Importance of sharing and having control over data
- ❖ **figshare** as a research profile
- ❖ Discussion



# About figshare



figshare is a repository where users can make all of their **research outputs** available in a **citable**, **shareable**, and **discoverable** manner

“credit for your research”



# Why figshare?

- ★ **Safely store** your research materials on the cloud
- ★ **Safely collaborate** with researchers from other institutions
- ★ [Altmetrics](#) as a non-monolithic, modern tool for monitoring attention (or impact), in addition to counts over downloads, views, and citations
- ★ **Open Access** funder compliance
- ★ **Control** over usage and licensing
- ★ Accept a wide-ranging **file formats**, from text to video
- ★ Provide persistent **digital object identifier** (DOI)
- ★ *... more on next slide*



# Why figshare?

- ★ [ORCID](#) integration
  - DataCite allows connecting and updating Works section of our ORCID based on our works on figshare, inter alia. This setting should be adjusted in our ORCID profile.
- ★ [GitHub](#) integration (I use it quite a lot! E.g., [here](#) or [here](#))
  - Versioning on figshare will be synchronised with GitHub release or our latest commit.
- ★ Works with [various](#) institutions, funders, publishers, preprints, conferences, ...



# The 21st-century research outputs

- Varied
- Beyond the **traditional publications** (i.e. journal article, book, book chapter)
  - Presentation slides
  - Presentation poster
  - Preprint
  - Data
  - Policy
  - Protocols
  - Computational notebook
  - Codes
  - Software
  - ... (you name it)
- figshare allows them to be disseminated in a way that **the current scholarly publishing model does not allow**

# Educating the next generation of researchers on open and collaborative data sharing

Erinma Ochu & Michaela Parnell - University of Salford



Erinma Ochu, Salford University Lecturer and Figshare Ambassador, is helping to shape the future of data sharing and collaboration by encouraging her students to take an interest in innovative methods of knowledge creation and sharing re-

Michaela then went on to write a case study for one of her student assignments. And, as part of a wider campaign, the HS community have been sharing and downloading the stories stored in the Community Science Showcase repository.

Erinma\_Ochu-Michaela\_Parnell\_we....pdf (705.73 kB)

1/2

MD5: 2ccd09fa6259cbb368d69993b94e882a |

[Cite](#) [Download \(705.73 kB\)](#) [Share](#) [Embed](#) [+ Collect \(you need to log in first\)](#)

## Educating the next generation of researchers on open and collaborative data sharing

Journal Contribution posted on 12.03.2019, 01:25 by [Erinma Ochu](#), [Michaela Parnell](#), [Megan Hardeman](#)

Erinma Ochu, Salford University Lecturer and Figshare Ambassador, is helping to shape the future of data sharing and collaboration by encouraging her students, like Michaela Parnell, to take an interest in innovative methods of knowledge creation and sharing research beyond academia.

797 views

42 downloads

0 citations



CATEGORIES

• [Communication Studies](#)

# Educating the next generation of researchers on open and collaborative data sharing

Erinma Ochu & Michaela Parnell - University of Salford



Erinma Ochu, Salford University Lecturer and Figshare Ambassador, is helping to shape the future of data sharing and collaboration by encouraging her students to take an interest in innovative methods of knowledge creation and sharing re-

Micha  
of her  
camp  
and d  
city c

Published works on figshare are assigned **Digital Object Identifier (DOI)**, making them **persistent** and **citable**!

Also, easy way to cite the work on figshare with numerous citation styles (default to “DataCite”!)

Erinma\_Ochu-Michaela\_Parnell\_we...pdf (705.73 kB)

1/2

**Cite** Download (705.73 kB) Share Embed + Collect (you need to log in first)

DataCite

Ochu, Erinma; Parnell, Michaela; Hardeman, Megan (2019): Educating the next generation of researchers on open and collaborative data sharing. figshare. Journal contribution.

<https://doi.org/10.6084/m9.figshare.7825010.v1>

Select your citation style and then place your mouse over the citation text to select it.

## Educating the next generation of researchers on open and collaborative data sharing

Journal Contribution posted on 12.03.2019, 01:25 by [Erinma Ochu](#), [Michaela Parnell](#), [Megan Hardeman](#)

797 views

42 downloads

0 citations





# Importance of sharing data

- ★ Helps researchers share data in a way that can be interpreted by others
  - Researchers need to provide as much details as possible in the description section of the repository about the data
- ★ Improves exposure
- ★ Encourages **reuse** of data (in a new way)
  - Learning materials for others upon which new method is introduced (my personal experience when learning one model of quantitative technique for linguistic analysis).
- ★ Increases citations
  - “With **online data repositories** playing an increasingly common role in research dissemination in all fields, it was well overdue for them to be considered as ‘**citeable**’ **research outputs in their own right** (Editorial 2019, my boldface)”
- ★ Meets mandate from funders around open data and sustainable hosting

# figshare meets the FAIR principles (McDermott & Hardeman, 2018)



FAIR stands for **F**indable, **A**ccessible, **I**nteroperable, and **R**eusable (Wilkinson et al., 2016)

**Findability** of data includes the assignment of persistent DOI (researchers can also assign rich description and metadata/categories)

**Accessibility** of data makes data “as open as possible as closed as necessary” (McDermott & Hardeman, 2018) using standardised protocol (e.g., embargo period, confidentiality with open metadata). Clarity and transparency should be included concerning conditions governing access and reuse when data cannot be made open.

**Interoperability** of data means data should be in a community-agreed format, languages, and vocabularies, *inter alia*

**Reusability** of data via figshare includes the assignment of License of reuse.

Australian National Data Service (ANDS). Working with data| The FAIR data principles (<https://www.ands.org.au/working-with-data/fairdata>)

McDermott, J., & Hardeman, M.. (2018, December 18). Increasing Your Research's Exposure on Figshare Using the FAIR Data Principles (Version 2). figshare. <https://doi.org/10.6084/m9.figshare.7429559.v2>

Wilkinson, M. D., Dumontier, M., Aalbersberg, Ij. J., Appleton, G., Axton, M., Baak, A., ... Mons, B. (2016). The FAIR Guiding Principles for scientific data management and stewardship. *Scientific Data*, 3, 160018. <https://doi.org/10.1038/sdata.2016.18>



# Conditions on data

- **Confidential files** - upload your data to keep a record and get a DOI, but keep the data hidden
- **Embargoed files** - make data available after a certain amount of time to meet ethical or commercial requirements
- **Metadata records only** - don't store the data on figshare, but use it to keep a record and get a DOI
- **Linked files** - if your data is stored elsewhere and you want to keep it there, link to the file and get a DOI
- **Private links** - share a private link with a colleague or reviewer without having to make the data public

○ Apply embargo

🔒 Make file(s) confidential

🔗 Generate private link ×

<https://monash.figshare.com/s/1ec3de3849c2e797328e>

This link can be used by non Monash University users also.

doi Digital Object Identifier

10.26180/5c6e1334cef3f

The DOI becomes active when the item is published.

# Licensing

For publicly stored data, the license is Creative Commons (e.g., CC-BY).

Many other licenses (e.g., for softwares) are available, such as GPL and MIT.





# Figshare as a research profile

Here at Monash University, [monash.figshare](https://monash.figshare.com) provides platform for graduate research students to create their online research profile (e.g., from [my figshare profile](#)). Monash University Library also provides workshop for this purpose!

## Research profiles for Graduate Research Students

*Be visible or vanish* is a long held mantra for researchers. For the contemporary researcher however, this is no longer just about publications.

It is becoming increasingly important to build a profile that reflects the variety and complexity of your research outputs and impact.

Graduate Research Students can start building their research profile and demonstrating the impact of their research with the University's data repository [monash.figshare](#)

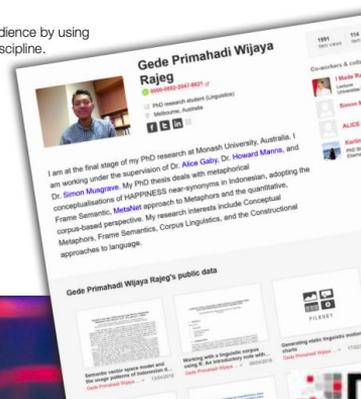


MONASH.FIGSHARE



## Getting started with your *monash.figshare* profile

- Activate your account by logging into <https://monash.figshare.com> with your Monash account
- All researchers are encouraged to create an **ORCID** - a unique, digital identifier to distinguish themselves from other researchers with similar names. Add your ORCID to your monash.figshare profile to automatically sync your published items with your unique ID.
- Include a **description** of your research. You can reach a wider audience by using language that can be easily understood by people outside your discipline.
- Link to your other online profiles or **social media** accounts. You can also link back to your monash.figshare profile from those accounts to increase your visibility.
- Share activities relating to your research, including **conference papers and presentations**.
- Are you referencing a dataset or collection in your thesis or an upcoming publication? Publish the items in monash.figshare and add the **DOI** to your paper. A DOI (Digital Object Identifier) is a persistent link to your published record.



Pamphlet image is from *Monash.figshare for Graduate Research Students - Information Pack*, [Monash University Library](#), 2018 (Thanks to the figshare team of the Monash University Library for inviting me to collaborate on promoting monash.figshare)





DISCUSSION:  
Questions? Comments?  
Thank you & all the best!