



# Data Schools

## Responsible Authorship

May-July 2021

CODATA-RDA Data Science School South Africa Online



- A warm welcome to the last week of the Data Science School. It has been a long walk and you can pat yourself on the back that you've made it to the end. We have saved the best for last and so, this last module is all about you and how YOU could build your own researcher reputation by being a responsible author.

Manoeuvring safely through the



**J U N G L E** of **REPUTATION  
BUILDING**

# Responsible Authorship &

Lesego Makhafola, Siphethile Gcukumana, Bianca Peterson, & Martie van Deventer,

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CODATA-RDA Data Science School South Africa Online



- It could really feel like having to face a jungle when you first start out your journey as an author. The intent with this module is to help you manoeuvre safely through the jungle so that you can build your reputation and become a responsible author. There are four guides to help you stay on the straight and narrow.

# Lesego Makhafola



Information Specialist at the University of Pretoria's Department of Library Services.

- Responsible for: Chemical Engineering; Electrical, Electronic and Computer Engineering; and Materials Science and Metallurgical Engineering
- About me: I don't like shopping and public speaking. I enjoy poetry and good music. I am a not-so-bad baker and photographer.
- [lesego.Makhafola@up.ac.za](mailto:lesego.Makhafola@up.ac.za)

Responsible Authorship



Lesego Is an information specialist at the University of Pretoria. She will be telling you about the retrieval of reliable literature & help you get the management of your references under control. She will also tell you how to measure the impact of your research outputs and provide insight into managing your reputation as a researcher.

## Siphethile Gcukumana



- My name is Siphethile Gcukumana. I am a South African Citizen, I reside in the Gauteng Province in the Pretoria the administrative Capital of South Africa.
- I work for the Council for Scientific and Industrial Research (CSIR). This is the largest research organisation in Africa.
- My job role is, Manager for Information Specialist services. I manage a team of Information Specialists and Scientists who provide scientific research support.
- I have over 10 years working in a scientific research environment
- My highest level of qualification is a Master in Information Technology (M.IT), obtained from the University of Pretoria.
- I am a mother of two boys aged 9 and 6. I enjoy family time.



Siphethile is the manager of Information Specialist Services at the Council for Scientific & Industrial Research (CSIR's) Information Services unit. She will guide you in the process of disseminating your research results and she will also be offering advise on how to protect yourself from predatory publishers. She will tell you about the advantages of connecting all your research objects to a researcher ID.

## Dr Bianca Peterson



- [bianca.peterson777@gmail.com](mailto:bianca.peterson777@gmail.com)
- [PhD] Environmental Sciences (Microbiology)
- Immediate past - Post-doctoral Researcher in Pharmaceuticals, Freelancer Data Scientist
- Director/Trainer @ Conquest Analytics and Training

### Hobbies:



There is no real need to introduce Bianca to you. You have met her often during the School and as you are aware she is a wizz when it comes to using R. She will, in this module, be teaching you about reproducible writing - reminding you again of the power of R.

# Dr Martie van Deventer



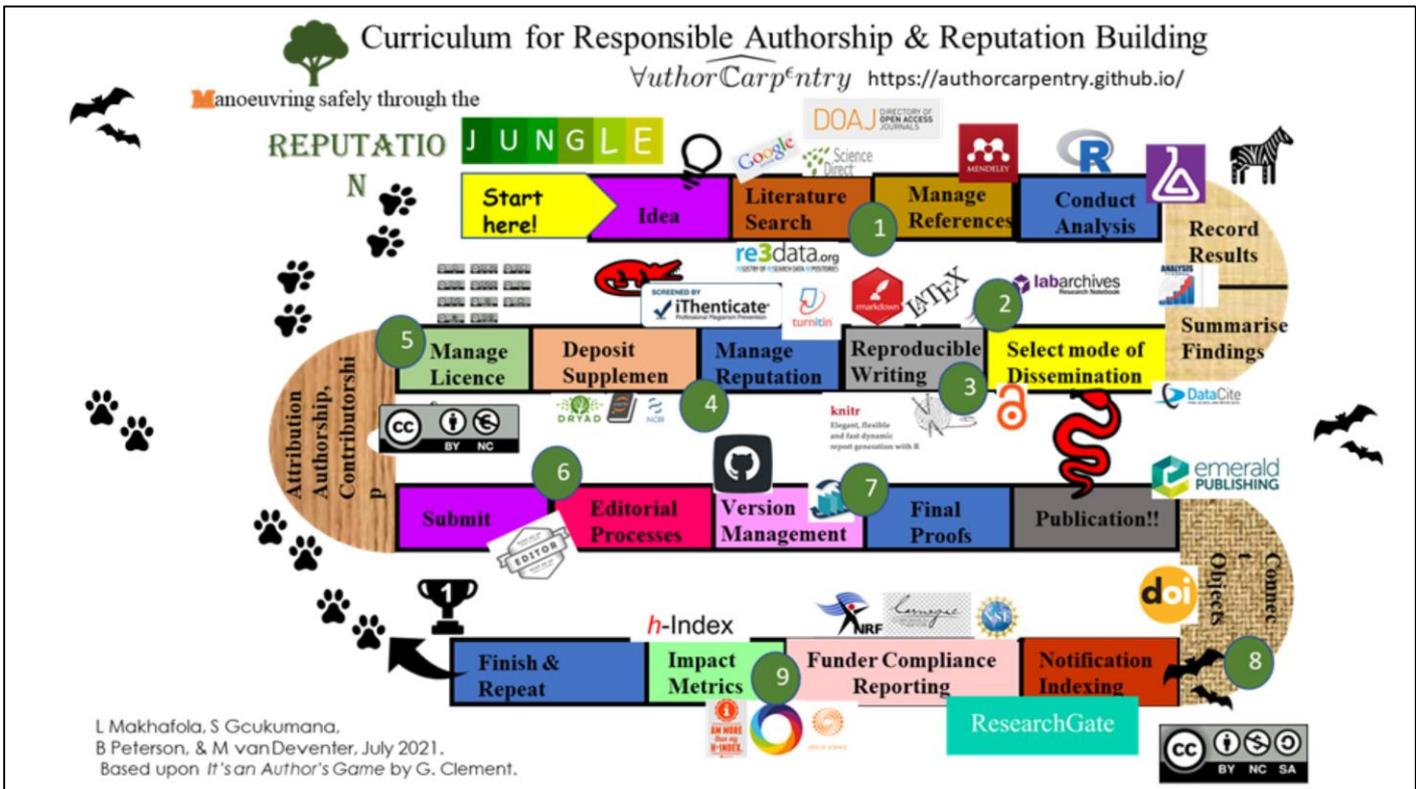
- Research Interests:
  - Virtual Research Environments
  - Research Data Management
  - Big Data
  - 21st Century Libraries
  - Adult Learning
- [Vandeventer.martie@up.ac.za](mailto:Vandeventer.martie@up.ac.za)



Fun  
Fact

I create Pinterest collections for several fun topics.  
For example Mandalas and wine bottle labels

My name is Martie. I am a Research Associate in the Department of Information Science at the University of Pretoria. I'll be briefly telling you about the open content licences and then we'll talk about some editorial processes to help you with your publishing efforts.



I need to acknowledge the work of the Author Carpentry work group in developing the curriculum for this module. Particularly the work of Gale Clement in designing the reputation game plan upon which we were able to build our own content. As I've mentioned before it really could be seen as a jungle experience to try and keep yourself safe. We will attempt to guide you. To make the journey easier we have broken the curriculum into 9 sessions. These sessions are all clearly indicated on this roadmap (look for the green circles) which is also provided to you as a downloadable document. More about the sessions on the next slide.

# Sessions

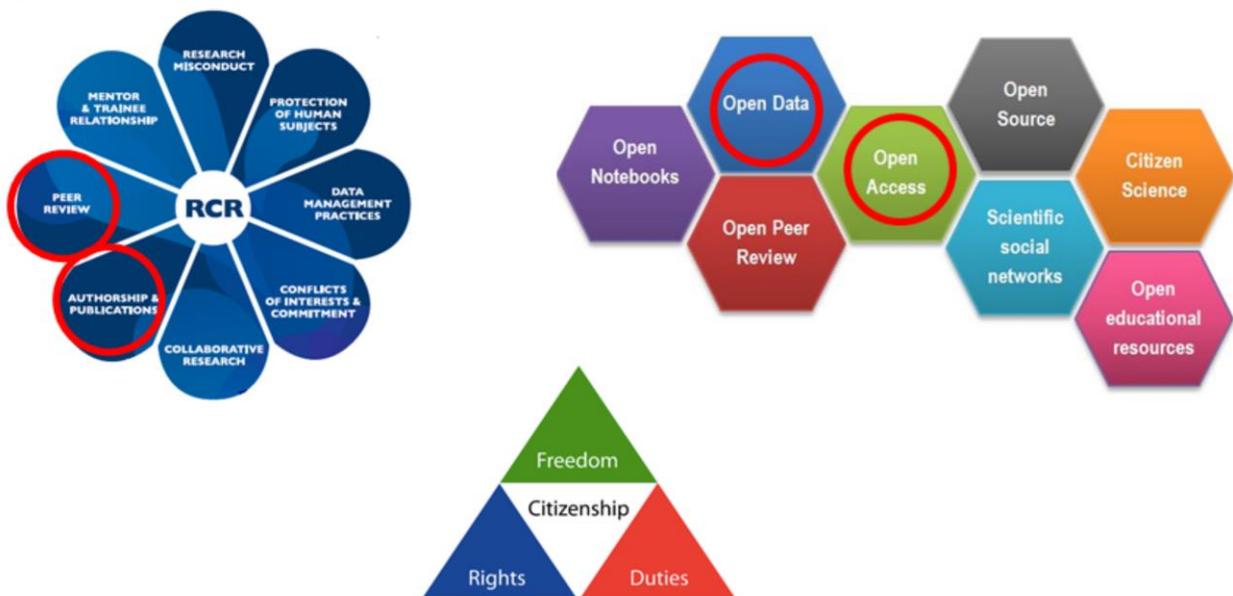


1. Literature retrieval & management of references
2. Selecting your mode of dissemination
3. Reproducible writing
4. Managing your reputation
5. Licences for data & other research outputs
6. Editorial processes
7. Managing versions
8. Connecting objects
9. Measuring the impact of your work



As was mentioned the curriculum has been broken into nine sessions. These sessions are not all of equal length or importance. Some sessions (1, 3 and 7) help you to be more efficient. Sessions 2, 5 & 6 provide advice on potential pitfalls. While Sessions 4, 8 and 9 will help you to understand what needs to be done to start managing your career as a researcher.

# Responsible Authorship



This will be a busy module and we will therefore not have much time to talk about all the ethical issues associated with responsible authorship. That does not make the issue less important. Responsible authorship is mainly concerned with open access and open data. Looking at the responsible conduct of research 'flower' we are then talking about authorship & publication as well as peer review.

# Responsible authorship

- We live in an era when more and more content is freely and openly available via the Internet.
- Open content fast tracks learning but also is open to abuse.
- Here are a number of ethical questions we would like you to consider – please respond in Slack:
  - A document was released under the CC By license (the most lenient of the licenses) – under what circumstances may you add your name as the author of the document?
  - Should self-plagiarism be regarded as actual (real) plagiarism, if so what consequences should the author face, if not, why should it be acceptable?
  - What would you do if you were accused of plagiarism?
  - What should you do when you realise your work (a report/article/dataset) was plagiarised?

- We live in an era where more and more content is freely and openly available via the Internet. Although open content fast tracks learning and it is also open to abuse. We have posted four questions on our Slack channel #responsible-authorship for you to consider.
- Here are a number of ethical questions we would like you to consider – please respond in Slack:
  - A document was released under the CC By license (the most lenient of the licenses) – under what circumstances may you add your name as the author of the document?
  - Should self-plagiarism be regarded as actual (real) plagiarism, if so what consequences should the author face, if not, why should it be acceptable?
  - What would you do if you were accused of plagiarism?
  - What should you do when you realise your work (a report/article/dataset) was plagiarised?
- With these introductory slides having been shown, let's move on. I hope that you will enjoy this journey.

## Final remark

- Many of you have already published / are known authors.
- Please share your opinions and experiences on Slack so that we could all learn from these.