

**Graduate Research School:  
Higher Degree by Research Supervisor Orientation  
23 February 2023**

# **RESEARCH INTEGRITY, ETHICS, HAZARDS & SAFETY**

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# Principles of Responsible Research Conduct

## Honesty

in the development, undertaking and reporting of research.

## Respect

for research participants, the wider community, animals and the environment.

## Rigour

in the development, undertaking and reporting of research.

## Recognition

of the right of Aboriginal and Torres Strait Islander peoples to be engaged in research that affects or is of particular significance to them.

## Transparency

in declaring interests and reporting research methodology, data and findings.

## Accountability

for the development, undertaking and reporting of research.

## Fairness

in the treatment of others.

## Promotion

of responsible research practices.



# Responsibilities as a Curtin HDR student

- There are **29 responsibilities** of researchers under The Australian Code for the Responsible Conduct of Research - in addition there are a number of other responsibilities under legislation, regulations and Curtin policies and procedures
- It is **your responsibility** to understand all of your obligations and to comply with them
- Research Integrity training modules on Blackboard - **mandatory**

<https://www.nhmrc.gov.au/about-us/publications/australian-code-responsible-conduct-research-2018>  
- *and associated Statements and Guidelines*



# Which research policy applies?

Curtin University – *Responsible Conduct of Research Policy*:

3.1. Researchers will comply with the research standards as set out by The Australian Code for the Responsible Conduct of Research.

3.2. The Code sets out research standards through the principles of responsible research conduct and the responsibilities of Curtin University and researchers. Where the researcher is a student at this university Statute No. 10 – Student Discipline and the associated rules also apply.

3.3. If undertaking research at a Curtin global campus, or research in another non-Australian location, researchers will also comply with that country's research code. **Where there is a difference in standards, researchers will comply with the higher standard.**

# Research Initiation Guide

- The Research Initiation Guide (RIG) is a tool to help you **understand your responsibilities and legal obligations** as a researcher – integrity (in publishing, collaborating etc); ethics; safety – biohazards, radiation; chemical hazards; Defence Trade Controls.
- It provides direction on how you can meet these responsibilities and obligations
- When starting a new project, you must use the RIG help you understand any permits, licences or approvals you may need **before commencing your research**

<https://rig.curtin.edu.au/home>



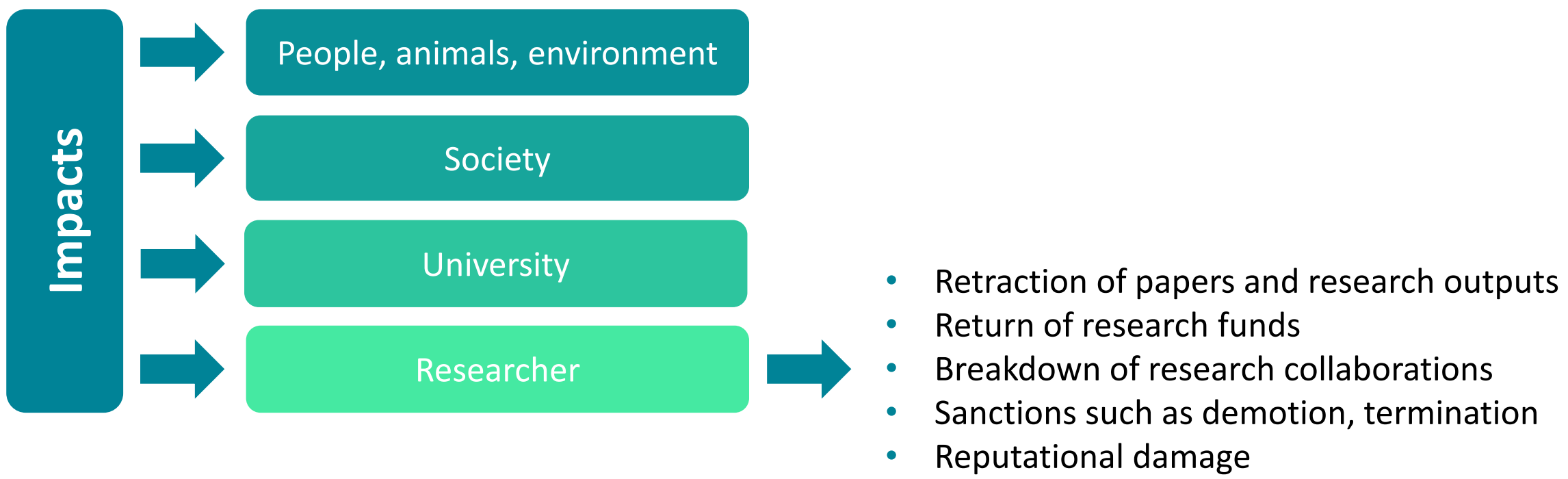
# Research Initiation Guide

- **What is the purpose of the RIG?**
  - To help you to identify and obtain the permissions you need to get before you can start work.
  - To train you about how to safely handle any hazardous research materials.
  - To train you about how to protect yourself, and your research participants, from the impacts of your research.
- **Who should complete it?**
  - **HDR Students.**
    - Research Staff (who control the research methods used).
    - Supervisors of Honours Students.
    - Teaching Staff (who control course content).
- **When should it be completed?**
  - Complete a RIG during the early planning stages of any new work and review it whenever your work changes.
  - **HDR Students - complete a RIG during your Candidacy planning process and annually review it at each milestone.**
    - Research Staff - complete a RIG during the early planning stage of your research before seeking funding and review it whenever you vary your project.
    - Supervisors of Honours Students - complete a RIG if you are planning for your Honours Student to do a project outside the scope of your normal research.
    - Teaching Staff – complete a RIG during the early course development and review it whenever you update your course.
- **Why should you use it?**
  - Many of the materials and techniques used for research and teaching are regulated by the Australian Government and require a permission to be granted before you can use those materials or techniques. If you don't get the required permissions before you start work then you will have broken the law and may be prosecuted.

<https://rig.curtin.edu.au/home>

# Research Misconduct

- Research misconduct occurs when researchers fail to meet their obligations and responsibilities and do not conduct research with **integrity**





# Research Integrity “hot spots” for HDR students

- **Managing ethics**
- **Authorship**



# Managing Ethics

- “Ethics mindset” – particularly for non-traditional ethics areas
- Approved protocols are **strict**
- Can possibly vary ethics protocols but defects cannot be ‘cured’
- Dealing with InfoEd



# Authorship

- *GHOSTING, GIFTING, FAILING TO INCLUDE AUTHORS, ORDER OF AUTHORS...*
- Section 5 of the Code: Attribution of authorship depends to some extent on the discipline, but in all cases, authorship must be based on substantial contributions in a combination of:
  - conception and design of the project;
  - analysis and interpretation of research data; and
  - drafting significant parts of the work or critically revising it so as to contribute to the interpretation”



## Authorship Agreements are your friend!



### Authorship Agreement Form

The Curtin University [Authorship, Peer Review and Publication of Research Findings Policy and Procedures](#)<sup>1</sup> which references the [Australian Code for the Responsible Conduct of Research](#)<sup>2</sup>, provides clear guidelines regarding attribution of authorship. This form is to assist researchers in capturing discussions around intended publications arising from joint work. It does not replace copyright or certification forms required by publishers.

#### 1. Research

Project Title:			
Project Identifier (if applicable)			
Principal Investigator			
Other named investigator/s*	Role		
Other researcher/s*	Role		

\* Insert additional rows if required

#### 2. Publications/Outputs – the intended outputs from the above research are identified below

Pub*	Description (e.g. method paper)	Publication Type (Conference, Journal article <i>etc.</i> )
1		

\* Insert additional rows if required

#### 3. Proposed order of authors

(add rows as required for additional authors and/or if authorship will differ between multiple outputs)

Pub*	Author**	Corresponding? Y/N
1	1.	
1	2.	
1	3.	
1	Named Acknowledgement:	N

\* If multiple publications are intended under table 2, and author inclusion and order is the same, then insert "All"

\*\* Attribution of authorship, and role of corresponding author, may have some discipline differences, however, in all cases, inclusion must be based upon substantive intellectual contribution as defined under the Policy. Acceptance should also be sought where intending to name an individual in the acknowledgements.

#### 4. Confirmation of agreement

(add rows as required)

Author Name and Affiliation (if other than Curtin)	Author Signature	Date
1.		
2.		
3.		

All authors should maintain a copy of this completed form for their reference

<sup>1</sup> <http://policies.curtin.edu.au/ffndspolicy/ffn>

<sup>2</sup> <https://www.nhmrc.gov.au/guidelines-publications/rs>



# Contact us

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