

Ethics

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ethics – why?

I'm a good person. Why do I need to worry about research ethics?

areas of ethics

- Some areas of research ethics:
 1. Research misconduct (falsification, fabrication and plagiarism)
 2. Collaboration issues (authorship, data ownership and management)
 3. Peer review
 4. Conflicts of interest or obligation
 5. Complicity and funding sources
 6. Animal subject research
 7. Human subject research

code of ethics

UNIVERSITY OF PRETORIA

CODE OF ETHICS FOR RESEARCH

RI 429/99

UNIVERSITY OF PRETORIA

COMMITTEE FOR RESEARCH ETHICS AND INTEGRITY

POLICY AND PROCEDURES FOR RESPONSIBLE RESEARCH

1. GENERAL

- 1.1 The University of Pretoria has a research duty that has to be performed for the benefit of science and for the community the University is serving.
- 1.2 The University of Pretoria and researchers employed by the University acknowledge that research has to take place within a particular academic value system. Part of the mentioned academic value system is that the University and researchers within the University
 - 1.2.1 should always be true to the ethic principles of justice and credibility;
 - 1.2.2 have an increased research responsibility and duty when research is done involving humans, animals or the environment as subjects of the research.
- 1.3 To ensure that research takes place within the mentioned value system throughout the University, the University decided to lay down certain policy guidelines and procedures.
- 1.4 From the above it necessarily follows that the University condones and discourages research taking place outside the mentioned academic value system.
- 1.5 To determine whether research takes place within or outside the mentioned academic value system, the University provides for a system of disclosure, pre-approval, recordkeeping, accountability and evaluation.

(Amendment approved July 2007) S 4083/00 (amended)

NAS ethics

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Faculty of Natural & Agricultural Sciences

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Weather and climate may determine whether humankind survives or not

Research ethics

Faculty of Natural & Agricultural Sciences / Research ethics

<https://www.up.ac.za/faculty-of-natural-agricultural-sciences/article/32597/research-ethics>

NAS code of ethics

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Dikwelen • Leaning Minds • Disagreen Ho Dikweli

Faculty of Natural and Agricultural Sciences

*Guide for Research Ethics:
Online application for ethical clearance*

Research involving:
Human participants
Biohazards (Chemical / Organismal)
Genetically modified organisms
External and internal numeric data
Animals
Experimental Lab

July 2022

ethics – why?

- Ethical approval is granted for the duration of the research (e.g. honours studies: one (1) year, master's studies: two (2) years, and PhD studies: three (3) years) and should be renewed when the approval period lapses.
- Post-approval submissions including the application for ethics extension and amendments to the approved application should be submitted online via the ethics work centre.
- Other relevant forms for studies involving human participants (adapt to be informative and specific to your project):
- **Other relevant forms and links (for studies involving human participants):**
 - [Consent form](#)
 - [Participant information form](#)
 - [Verbal consent form](#)
 - [Documents for reference](#)

Informed consent

Appendix A: Example of informed consent form (hard copy/paper based consent form)

Ref:	
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PARTICIPANT INFORMATION & INFORMED CONSENT FORM

TITLE OF STUDY: *[Add your own title here]*

1) **Introduction**
We invite you to take part in a research study. This information leaflet will help you to decide if you want to participate. Before you agree to take part you should fully understand what is involved. If you have any questions that this leaflet does not fully explain, please do not hesitate to ask the research personnel.

2) **Why are we doing the study?**
[Give a short explanation of why you are doing the study. Also include information on: how many participants will be recruited for the study]

3) **What will we ask you to do in this study?**
[Give a detailed explanation of what you will ask participants to do in the study. Also tell them how much of their time it will take]

4) **Risk and discomfort involved**
[Explain any risks of discomforts they might experience]

5) **Possible benefits of the study**
[Explain any benefits of the study to them and society in general]

6) **Optional aspects of the study (optional section)**
Please indicate your choice by ticking yes or no and initialising next to it.

	Yes	No	Initial
Can we...			
Can we...			

7) **What are your rights as a participant?**
Your participation in this study is entirely voluntary. You may choose not to answer particular questions. You can refuse to participate or stop at any time during the study without giving any reason. If you decide not to be in this research or if you decide to stop at a later date, there will be no penalty or loss of benefits to which you are entitled. Once you have completed the study you have the right to access your data.

8) **Will you be paid to take part in this research study?**
[Explain whether they will be paid or otherwise remunerated and if so, how much will they be paid or how will they be remunerated]

Informed consent

9) Has the study received ethical approval?
 This study has received written approval from Research Ethics Committees of the Faculty of Natural and Agricultural Sciences, tel 012 420 4356. [Also include any other relevant approvals if applicable]

10) Information and contact person
 If you have any questions or comments about the study please contact [Add your name and contact details]

11) Confidentiality
 All information that you give will be kept strictly confidential. Research reports, presentations and articles in scientific journals will not include any information that may identify you.

CONSENT TO PARTICIPATE IN THIS STUDY

I confirm that the person asking my consent to take part in this study has told me about the nature, process, risks, discomforts and benefits of the study. I have read this form (Information Leaflet and Informed Consent) and I understand the information regarding the study. I am aware that the results of the study, including personal details, will be anonymously processed into research reports. I am participating willingly. I have had time to ask questions and have no objection to participate in the study. I understand that there is no penalty should I wish to discontinue with the study and my withdrawal will not affect any treatment in any way.

I have received a signed copy of this informed consent agreement.

Participant's name
 (Please print)

Participant's signature: Date.....

Investigator's name
 (Please print)

Investigator's signature Date.....

Witness's Name (Please print)

Witness's signature Date.....

[If participants cannot give written consent, you could also include the following section]

Online informed consent

Appendix B: Example of informed consent form (online consent form)



Faculty of Natural and Agricultural Sciences

Department of _____

date _____

CONSENT FORM

Dear Participant,

NATURE AND PURPOSE OF THE RESEARCH PROJECT

This research project forms _____ The part of this

research project is _____

RESEARCH PROCEDURE

- 1. No prior preparation is needed to complete the questionnaire.
- 2. Participation is completely voluntary, with no penalty or loss of benefit if you decide not to take part.
- 3. Completion of the questionnaire takes approximately _____ minutes.
- 4. The procedure is completed by a word of appreciation for your time and effort.

PRIVACY AND CONFIDENTIALITY

Participants' responses are strictly confidential, and only members of the research team will have access to the information. Your response will be bulked with those obtained from other participants and appropriate statistical analysis will be performed on the bulked data. At no time will personal opinions be linked to specific individuals. Data will be safely and securely stored and will not be accessible from the public domain. The privacy and anonymity of your participation is therefore ensured.

WITHDRAWAL CLAUSE AND RIGHTS OF ACCESS TO DATA

Participants may withdraw at any stage of the research without having to explain why. By no means will your withdrawal be held against you. As a participant you also have the right of access to your data.

POTENTIAL BENEFITS AND FORESEEABLE RISKS OF THE STUDY

The findings derived from this research project could shed light on _____ The risk associated with this research project is _____

ADDITIONAL INFORMATION

(Person X, can be contacted at (provide e-mail address) or at (provide telephone number) for further information about the research project.

CONSENT

I have read the above information relating to the research project and declare that I understand it. I have been afforded the opportunity to contact and discuss relevant aspects of the project with the project leader, and hereby declare that I agree voluntarily to participate in the project.

I indemnify the University and any employee or student of the University against any liability that I may incur during the course of the project.

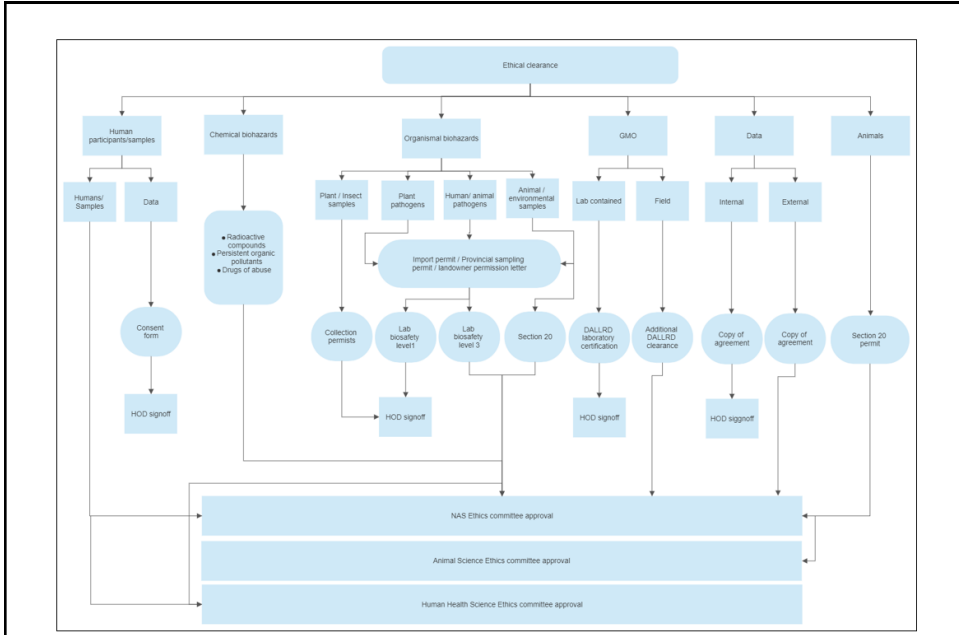
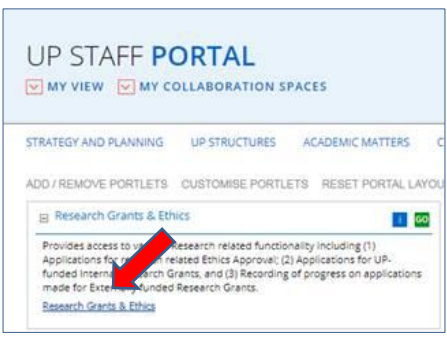


Fig. 1 DePSS Ethics checklist flowchart based on NAS policy document: Guidelines-for-ethical-clearance-NAS_approved 2022.pdf
 NAS ethics website: <https://www.up.ac.za/faculty-of-natural-agricultural-sciences/article/32597/research-ethics>

ethics

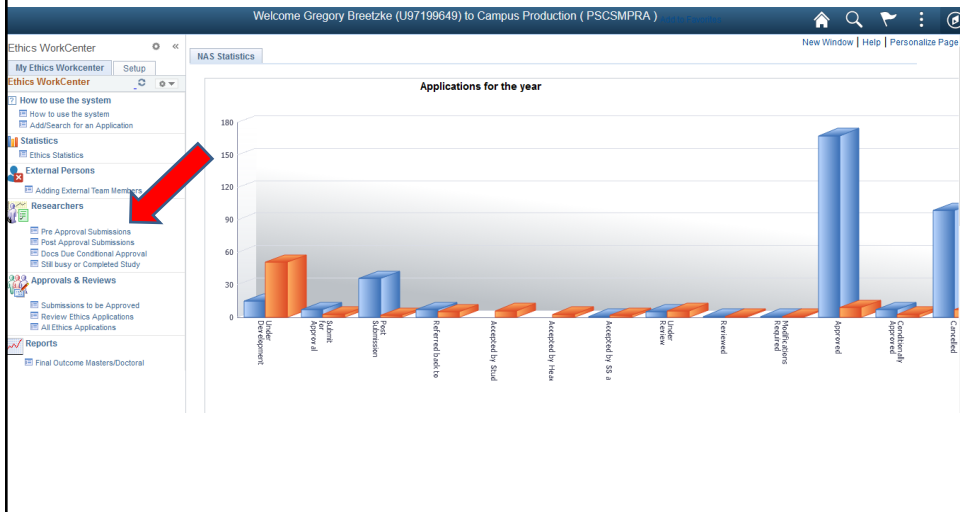


The submission deadline is the **first (1st) of every month.**

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Ethics Application

[Find an Existing Value](#) [Add a New Value](#)

Protocol Number [No]

[Find an Existing Value](#) | [Add a New Value](#)

Protocol Number: New Version:

Application Status: Under Development

On whose desk: Applicant

Application Date: 28/04/2021 Committee Cut-off Date:

Step 1 - Applicant

Who is the Applicant

Myself

On behalf of UP Staff or Student

ethics

Protocol Number: New Version:

Application Status: Under Development

On whose desk: Applicant Prof GD Breetzke

Application Date: 28/04/2021 Committee Cut-off Date:

Step 1 - Applicant

Applicant

Empl ID: 97199649 Prof GD Breetzke

*Phone: 0781184870

*Email Address:

*Position: UP Staff

Research for:

Research - Full Dissertation Coursework - Mini Dissertation

? *Home Faculty: 00002 Natural and Agricultural Sc Not your enrolled Faculty, use

*Department: 00201 Geography, Geoinf + Meteor EXTERN (External) Department

? Application Type:

ethics

Ethics Application

Protocol Number:	NAS112/2021	Version:	
Application Status:	Under Development	On whose desk:	Prof GD Breetzke
Application Date:	28/04/2021	Committee Cut-off Date:	01/05/2021

Step 1 - Applicant

Step 2 - Application Form

1. Project title

Project Title

All research titles must be in Sentence case format. Please do not type the title in Capital letters and DO NOT add a full stop at the end.

Short description

Is this study related to another study?

2. Short literature review that justifies the project

Short literature review - Refer to the Project Proposal

ethics

1. Project title
2. Short literature review that justifies the project
3. Aims and objectives of the project
4. Materials and methods
5. Duration of the project
6. Research environment - Where will the study be conducted?
7. Research team
8. Agreements between researchers
9. Funders of the project
10. Involvement of people as participants
11. Principal Investigator(s) Declaration for the storage of research data and/or documents

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12. Data recorded, archived and stored
13. Secondary data
14. Intellectual property (IP)
15. Categorise the risks associated with the project
16. Describe the risks associated with the research and how you tried to reduce these risks
17. Benefits associated with the research
18. Planned application of results
19. Additional approval or formal permissions
20. Confidentiality clause and Pty Ltd issues
21. Environmental impact and hazardous materials
22. Animals for research or testing purpose
23. Genetically modified organisms
24. References
25. Declaration
26. POPI Act

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Ethics Application

Protocol Number:	NAS112/2021	Version:	
Application Status:	Under Development	On whose desk:	Applicant
			Prof GD Breetzke
Application Date:	28/04/2021	Committee Cut-off Date:	01/05/2021




 Submit for Approval

▶ Step 1 - Applicant

▼ Step 2 - Application Form

▼ 1. Project title

Project Title

All research titles must be in Sentence case format. Please do not type the title in Capital letters and DO NOT add a full stop at the end.

Short description

Is this study related to another study?

▼ 2. Short literature review that justifies the project

in your project

Ethical considerations