

A very brief intro to

Responsible Conduct of Research & Ethics Processes

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Overview

- Responsible conduct of research policy
 - Principles
 - Guidance

- Research ethics online processes
 - Principles, Massey structure
 - Preparing & applying
 - Committee pathways
 - Ethics in practice

Research Integrity defined

Research integrity can be defined as the 'trustworthiness of research due to the soundness of its methods and the honesty and accuracy of its presentation'

Draft Singapore Statement 2010

Research integrity broadly refers to the thoughtful and honest adherence to relevant ethical, disciplinary, and financial standards in the promotion, design, conduct, evaluation, and sharing of research.

The Continuum from Research Integrity to Research Misconduct,
Michigan State University

Principles of Research Integrity

1. Honesty
2. Reliability
3. Use of robust research methodologies
4. Impartiality and independence
5. Open communication
6. Duty of care for participants
7. Fairness
8. High standards of mentorship and supervision
9. Awareness of responsibilities to society



Guidance on responsible research conduct

General guidance

- Research supervision
- Peer review
- Conflict of interest
- Collaborative research
- Māori and/or Pasifika research

Research phase guidance

- Research practice
- Research records and data
- Dissemination, publication and authorship
- Public communication



Research Misconduct defined

The violation of the standard codes of scholarly conduct and ethical behavior in professional scientific research

http://en.wikipedia.org/wiki/Scientific_misconduct

...(research that) deviates from practices commonly accepted in the discipline or in the academic and research communities generally in proposing, performing, reviewing, or reporting research and creative activities

The Continuum from Research Integrity to Research Misconduct

Michigan State University

Common types of research misconduct

- **Falsification** – manipulating research materials, equipment, or processes, or changing or omitting research data or results, such that research is not accurately represented in the research record
- **Fabrication** – making up research data or results and recording or reporting them
- **Plagiarism** – the appropriation of another person’s ideas, processes, results, or words without giving appropriate credit.

[Turnitin is used by Massey for assurance]

Authorship

Authors named on a publication should:

- Have made a creative and significant intellectual contribution to the research;
- Have given their permission to be named as an author;
- Not be named solely on the basis of being the supervisor of the researcher or student undertaking the research, or the leader of the research group;
- Not be involved solely in writing the publication, unless contributing to critically revising the interpretation.



Research Ethics Codes
[Participants]



Ethical conduct for research, teaching and evaluations involving human participants

The Code - major ethical principles

- Respect for persons
- Minimisation of harm (participants, researchers, institutions and groups)
- Informed and voluntary consent
- Respect for privacy and confidentiality
- Avoidance of unnecessary deception
- Avoidance of conflict of interest
- Social & cultural sensitivity to the age, gender, culture, religion and social class of participants
- Justice



Massey research ethics structure

Assistant Vice Chancellor Research, Academic & Enterprise



Director of Research Ethics

- **Human Ethics Committees**
 - Northern (most Albany applications)
 - Southern B (share of Manawatu & Wellington applications)
 - Southern A (any applications involving exercise regime, physiological samples plus share of Manawatu & Wellington applications)
- **Animal Ethics Committee**
- **Genetic Technologies Committee**

Overview of ethics applications, 2015

Human ethics (across 3 committees)

- Low risk notifications 590 (72%)
- Full applications to Human Ethics Committees 225 (28%)

Animal Ethics

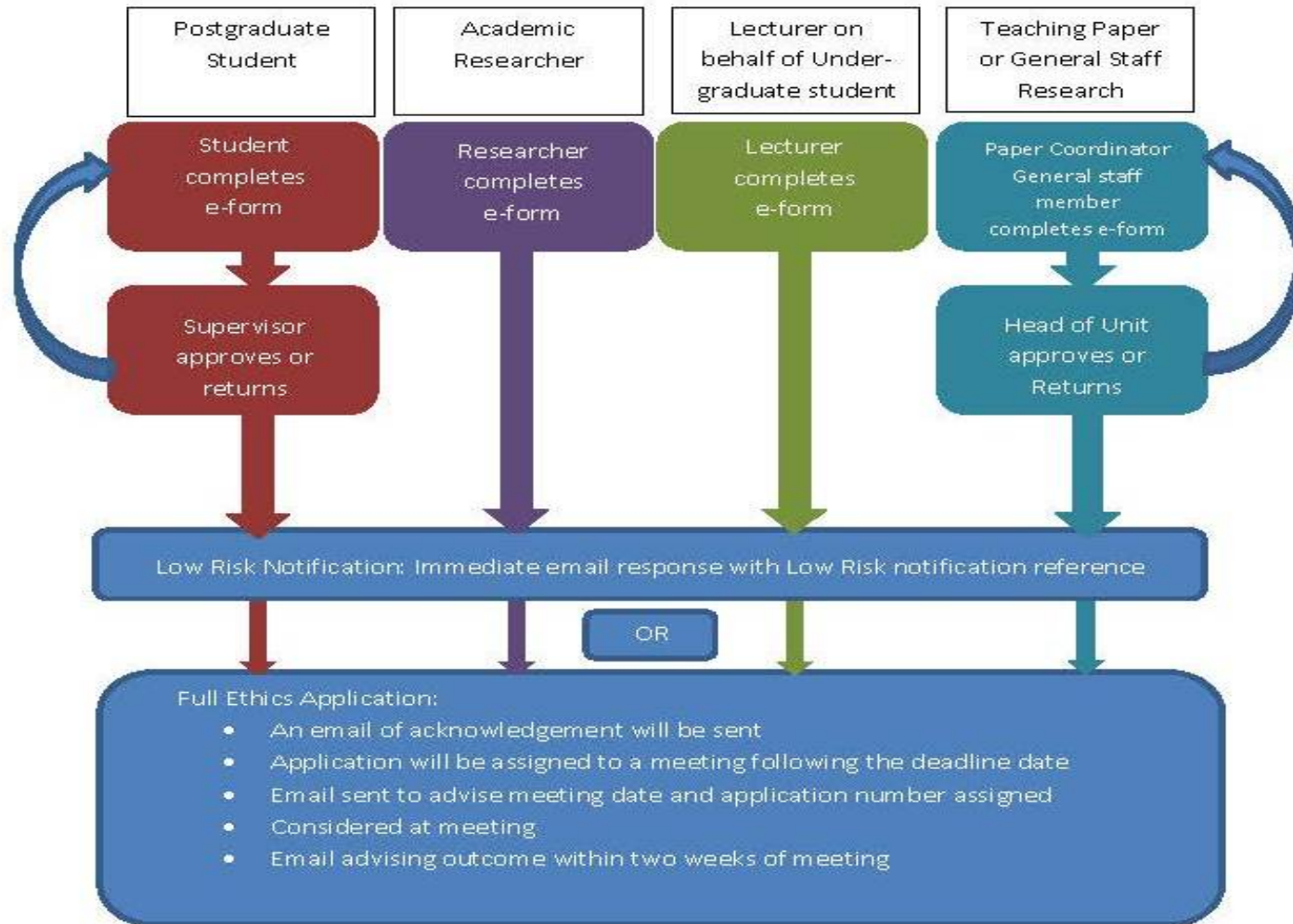
115

Genetic Technologies

7



Human Ethics application processes



Processes involved in preparing and applying

i) Risk assessment sections

Risk of harm

Informed and voluntary consent

Privacy and confidentiality

Deception

Conflict of interest

Compensation

Procedural

ii) Identifying, discussing & dealing with ethical issues

- **Identify** issues by talking with several ‘experts’
 - Consider ‘worst case’ scenarios
- **Discuss** design to mitigate issues, minimise problems
- **Communicate fully** -with committee in application
-with participants in Information Sheet

Aim to achieve the best research through negotiation with the Human Ethics Committee:

- for you
- for participants

iii) Thinking ethically about cultural issues

Treaty of Waitangi

- Partnership, participation & protection
- Principles of respect, informed consent and privacy apply to collectives (whanau, hapu and iwi)
- Ethical principles, *Te Ara Tika* [whakapapa (purpose & relationships), tika (research design), manākitanga (cultural & social responsibility) and mana (justice & equity)].

Principle of cultural sensitivity requires acknowledgement of cultural diversity, consultation & reciprocity in dissemination, as well as during data gathering

Low risk notifications: Reminders



STEP 7: To approve, decline or return an Application

Action: Select Action tab and choose the relevant option

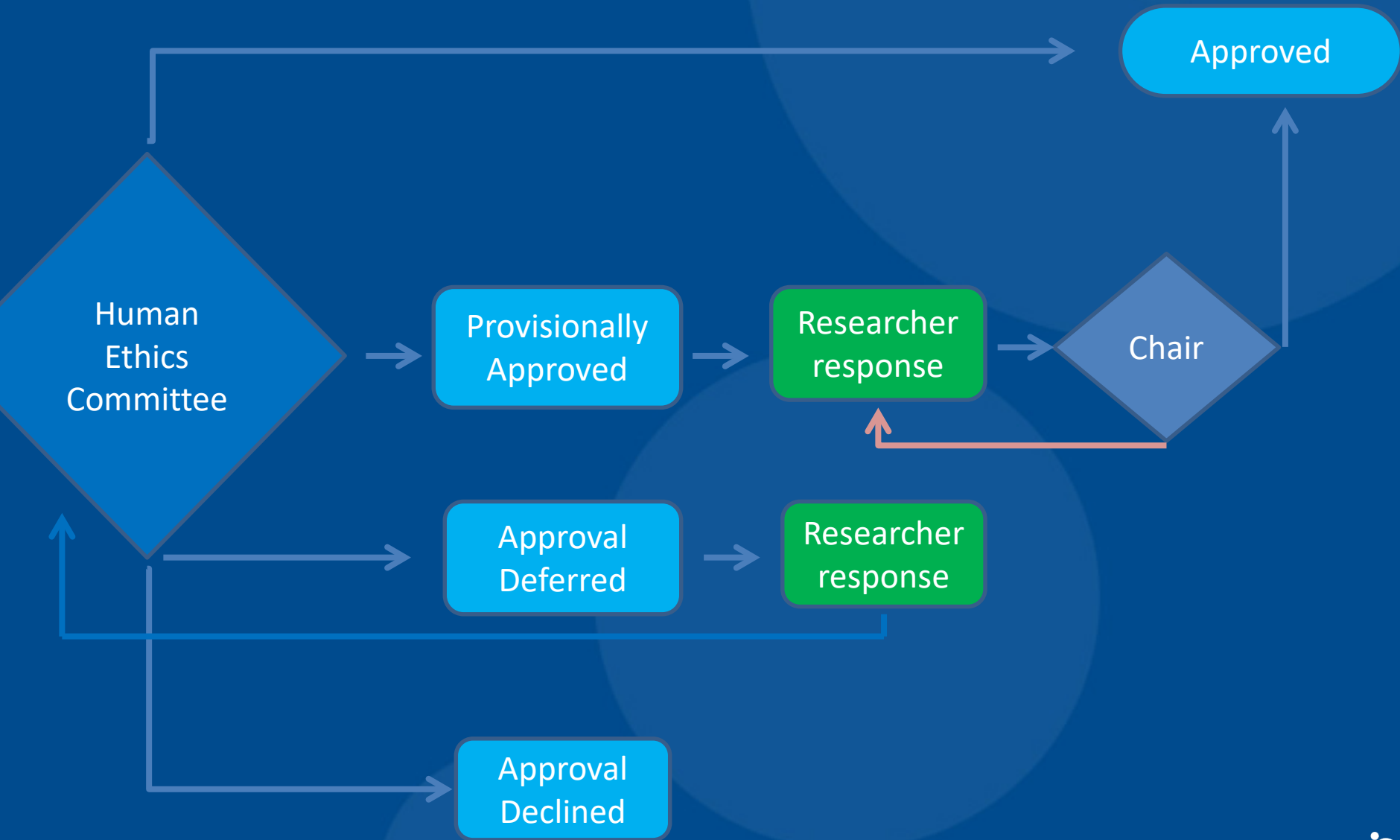
Result: Researcher will be notified of your decision.

Form	Review	Action
Approve Application		
Decline Application		
Return Application to Applicant		

Supervisor press **Approve application**

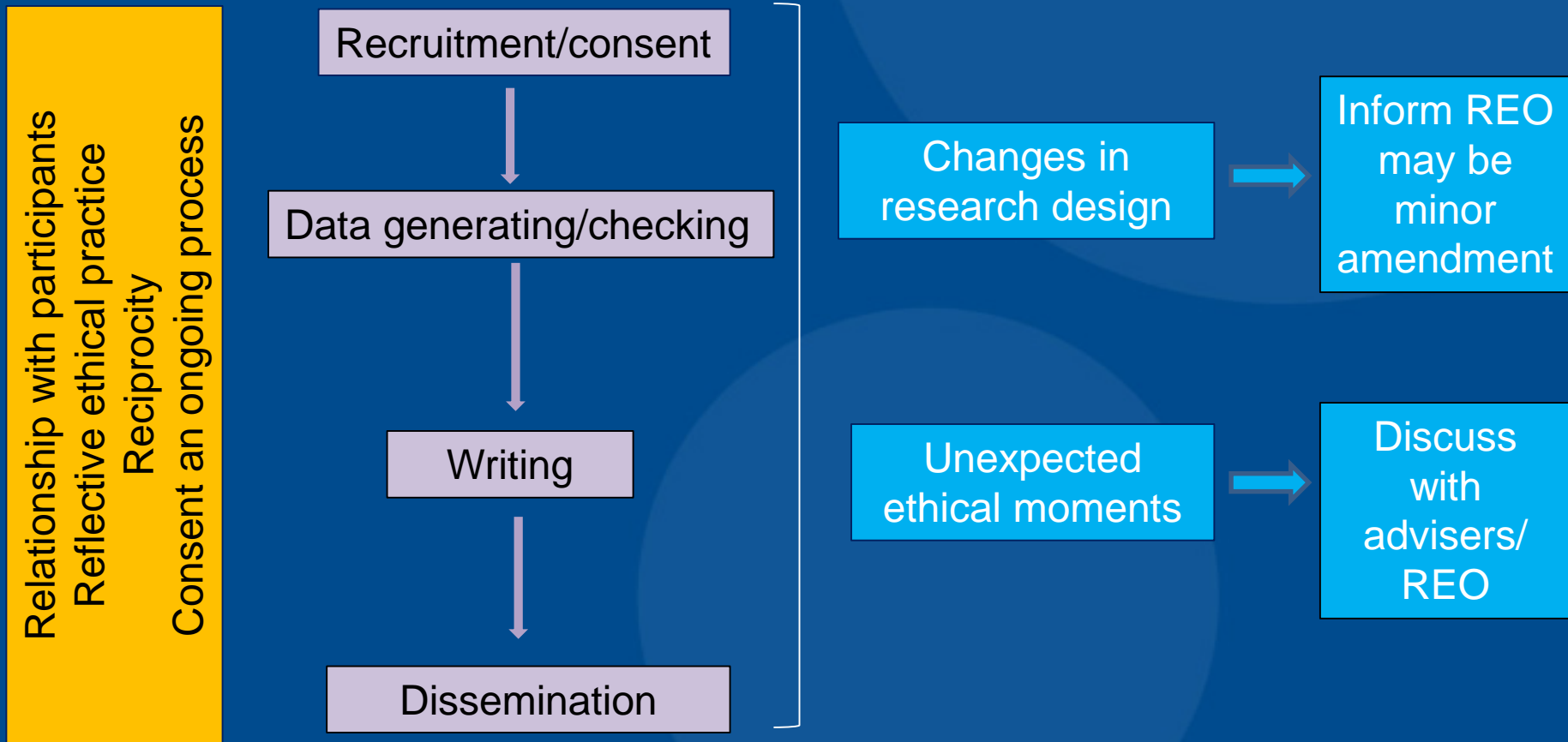
Student and supervisor should receive an acknowledgement email within 1 minute

Human Ethics Committee decision pathways



Following approval/notification

Researcher obligations 'ethics in practice'



Participant rights to negotiate with researcher
to contact Research Ethics Office

Contact points

- https://www.massey.ac.nz/massey/staffroom/policy-guide/research/research_home.cfm
- Researcher Development
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