

CONTENT

Chapter 1: General Principles of Responsible Research	5
1.1: Introduction	5
1.2: Institution’s Responsibilities	5
1.3: Researchers’ Responsibilities	6
1.4: References & Acknowledgment: General Principles of Responsible Research	8
Chapter 2: Research Misconduct	10
2.1: Research Misconduct	10
2.2: How Common is Research Misconduct?	11
2.3: Guidelines for Those who Report Misconduct	12
2.4: The Inquiry, Investigation and Adjudication Process	13
2.5: The Requirements for Reporting to OHRPP	14
2.6: Sanctions	14
2.7: Annex A: Whistle-Blowing Reporting Guide	15
2.8: Annex B: Research Misconduct Framework Reporting Guide	16
2.9: References & Acknowledgment: Research Misconduct Framework Reporting Guide	19
Chapter 3: Protection of Human Subjects	22
3.1: Protection of Human Subjects	22
3.2: Ethical Principles Guiding Human Subjects Research	23
3.3: References & Acknowledgment: Protection of Human Subjects	26
Chapter 4: Conflicts of Interest & Commitment	30
4.1: Conflict of Interest & Commitment	30
4.2: Conflicts of Interests at the Individual Level	30
4.3: How to prevent Conflicts of Interests & Commitment	32
4.4: References & Acknowledgment: Conflict of Interests & Commitment	35
Chapter 5: Data Management Practices	37
5.1: Data Management Practices	37
5.2: Best ways to collect data	39
5.3: How long should research data & materials be kept?	42
5.4: References & Acknowledgment: Data Management Practices	43
Chapter 6: Mentor and Trainee Responsibilities	46
6.1: Mentorship	46
6.2: Roles	46
6.3: Responsibilities	48
6.4: References & Acknowledgment: Mentor and Trainee Responsibilities	52
Chapter 7: Collaborative Research	54

7.1: Collaborative Research	54
7.2: Factors that contribute to collaborative research	55
7.3: Potential problems with collaborative research	55
7.4: How to enhance collaboration	57
7.5: References & Acknowledgment: Collaborative Research	60
Chapter 8: Authorship and Publication	62
8.1: Authorship and Publication	62
8.2: International Committee of Medical Journal Editors	65
8.3: How should Multiple Authors be ranked	67
8.4: Profiling	67
8.5: References & Acknowledgment: Authorship and Publication	69
Chapter 9: Peer Review	72
9.1: Peer Review	72
9.2: Potential Problems in the Peer Review System	74
9.3: References & Acknowledgment: Peer Review	76
Chapter 10: The Ethical Use of Laboratory Animals for Medical Research	78
10.1: Regulations & Responsibilities	78
10.2: Principles for the Responsible Use of Animals in Research	79
10.3: References & Acknowledgment: The Welfare of Lab Animals	82
11. References & Acknowledgments	83