Research and Publication Ethics



174.95 Y105 Re

Santosh Kumar Yadav

Contents

P	reface		7
A	cknow	ledgements	vii
		nilosophy of Research: An Introduction	
	1.	1 Overview	1
	1.	2 Phases of Research	5
	1.	3 Features of Good Research Study	10
	1.	4 Educational Research and Philosophy	11
	1.	5 Concept of Educational Philosophy and Theory	15
	1.	6 A Philosopher in the Classroom?	16
	1.	7 The Philosopher in an Interdisciplinary Research	19
		8 Educational Research: Pursuit of Truth	20
	1.	9 Pragmatic Perspectives of Research	20
		0 Ethical Codes and Academic Independence	22
	2. R	esearch Ethics	
	2.	1 Overview	26
	2.	2 Being Ethical and Moral	28
		3 Nature of Moral Judgement	30
		4 Nature of Ethical Reactions: Applied Settings	32
		5 Research Ethics and Positionality	33
	2.	6 Epistemology, Ethics and Educational Research	34
	2.	7 Validity-Versus-Reliability Tradeoff	35
	2.	8 Commodification of Educational Research	37
	2	9 Publishing and Coaching in Intercultural Settings	39
		0 Ethics and Feminist Research	40

3. Ethics in Scientific Research	11
3.1 Overview	44
3.2 Scientific Integrity and Research Ethics	46
3.3 Issues of Authorship	47
3.4 Peer Review's Role	48
3.5 Research Ethics in Human/Animal Subjects (Care)	49
3.6 Issues of Intellectual Property and Science	52
3.7 Conflicts of Interests	53
3.8 Autonomy	54
3.9 Dignity	55
3.10 Beneficence/Non-maleficence	56
3.11 Vulnerability and Justice	56
3.12 Research Ethics Committees	57
3.13 Science and Society	58
4. Intellectual Honesty and Research Integrity	
4.1 Overview	62
4.2 Environment and Bases of Research Integrity	65
4.3 Promoting Integrity in Research	67
4.4 Evaluation by Self-Assessment	69
4.5 Integrity of the Individual Research	70
4.6 Support of Integrity by the Research Institution	73
4.7 Research Environment and Its Impact on	
Research Integrity	75
4.8 Fostering Integrity in Research	77
4.9 Promoting Integrity in Research	80
4.10 Principles of Adult Learning	82
5. Scientific Misconduct	
5.1 Overview	OF
5.2 Poor Practices vs. Misconduct	85
5.3 Fabrication/falsification	87
5.4 Stealing Credit	88
5.5 Institutional Responses to Scientific Missey 1	89
5.6 Administrative Responses to Scientific Misconduct	89
5.7 Misconduct in Regulated Research	90
5.8 What is Plagiarism?	91
5.9 Types of Plagiarism	92
5.10 What to Look For	94
2001101	95

Contents				

ntents	xiii
6. Redundant Publications	
6.1 Overview	99
6.2 Authorship Issues	101
6.3 Problems Caused by Redundant Publication	102
6.4 Acceptability and Consequences of Redundancy	103
6.5 How to Prevent Redundancy?	104
6.6 Salami Slicing	105
6.7 Simultaneous Submission	106
6.8 Competing Interests	106
6.9 Misrepresentation of Data	108
6.10 Publish Ethically	110
7. Publication Ethics	110
7.1 Overview	113
7.2 Committee on Publication Ethics (COPE)	116 121
7.3 How to Deal with Misconduct in COPE	121
7.4 The World Association of Medical Editors (WAME)	123
7.5 International Society of Managing and	126
Technical Editors (ISMTE)	120
7.6 Council for International Organizations of Medical Sciences (CIOMS)	127
7.7 International Committee of Medical Journal Editors	131
(TO) ATE)	
7.8 The European Association of Science Editors (EASE	132
70 Conflicts of Interest	133
7.9 Connicts of Interest 7.10 Editorial Independence and Commercial Issues	
8. Publication Misconduct	136
8.1 Overview 8.2 Misconduct by Editors, Publishers and Peer-Review	vers 137
8.2 Misconduct by Editors, 1 deficient	
8.3 Types of Publication Misconduct 8.4 Human Rights, Privacy and Confidentiality	142
8.4 Human Rights, Flivacy and	143
8.5 Cultures and Heritage 8.6 Registering Clinical Trials and Animals in Research	n 143
8.6 Registering Clinical Thats and Table 18.7 Editorial Independence and Commercial Issues	144
8.7 Editorial independence in	145
8.8 Appeals and Corrections 8.9 Violation of Publication Ethics	146 147
8.9 Violation of Laborator	147
8.10 Concept of Spin 8.11 Predatory Publishers and Journals	140
8.11 Fledatory i do Let	

9. Global Intellectual Property Law	
9.1 Overview	153
9.2 The International Law and Political Economy of	1
Intellectual Property	155
9.3 Legal, Philosophical and Economic Justifications	156
9.4 Copyright	158
9.5 Patents and Trade Secrets	163
9.6 Trademarks	165
9.7 International Human Rights and Intellectual Property	167 169
9.8 Information Technologies and the Internet 9.9 Intellectual Property and Development	173
9.10 Education, Culture and Knowledge	173
9.10 Education, Culture and Rhowledge	1/4
10. Open Access Publishing	
10.1 Overview	179
10.2 Promoting Open Access	181
10.3 Institutional Repositories: Content and Culture	184
10.4 Infrastructure, Sustainability and Advocacy	190
10.5 Content Decisions and Legal Issues	194
10.6 Open Archival Information System Model	200
10.7 Preservation Metadata Implementation	
Strategies (PREMIS)	202
10.8 Access Tools and Services to Open Access	203
10.9 The SHERPA/RoMEO Application Programmer's	
Interface	210
10.10 Elsevier Journal Finder	211
10.11 Springer Journal Suggester	212
1. Referencing and Avoiding Plagiarism	
11.1 Overview	015
11.2 Plagiarism: Issue and Facts	215
11.3 Referencing Styles	219
11.4 Name-Date (Harvard) Style of Referencing	222
11.5 Abbreviations in References	224
11.6 Reference Foreign Author Names	227
11.7 Avoiding Plagiarism as an Author	228
	229
11.8 Detecting Potential Plagiarism	232
11.9 Critical Analysis	234
11.10 Referencing Electronic Sources	235
11.11 The Future of Plagiarism	237

Contents

12. Database and Research Metrics		XV
12.1	Overview	
	Bibliometrics	240
	The Categories of Bibliometrics Tools	242
12.4	Altmetrics	249
	Research Gate (RG Scores)	253
12.6	Mendeley	255
	The Leiden Manifesto	256
		256
12.0	How to Interpret Research Metrics	258
	Altmetrics and Open Access	259
12.10	Indian Citation Index	260
Reference	S	263
Index		267