

UNIVERSITÀ DEGLI STUDI DI MILANO

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Christopher Wareham
CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	WAREHAM
NOME	CHRISTOPHER
DATA DI NASCITA	25-09-1980

INSERIRE IL PROPRIO CURRICULUM
(non eccedente le 30 pagine)

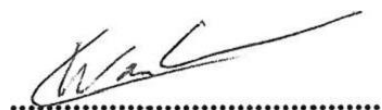
Data

14-07-2020

Luogo

Johannesburg, South Africa

Signed:



Christopher Wareham, PhD (Milan)
Steve Biko Centre for Bioethics
University of the Witwatersrand

Steve Biko Centre for Bioethics
University of the Witwatersrand
Cnr Yorke Road and Carse O'Gowrie
Parktown,
Johannesburg
2193
Rm 312, PVT Building
+27(0)726608977

To the Selection Commission,

Please find attached all the application materials requested, and my Curriculum Vitae below.

I am extremely grateful for the opportunity to apply for the position at the Università degli Studi di Milano, which was the awarding institution for my PhD research.

I spent four years in Milan from 2009-2013 and was very sad to leave. Since then, though, I have been afforded an opportunity to develop my academic career in South Africa; initially as a postdoc, before promotions to Lecturer and Senior Lecturer.

My CV shows that I have taken this opportunity in both hands, producing around 25 publications in top journals in applied ethics, bioethics, and moral philosophy, gaining a book contract with Cambridge University Press, and expanding my research profile. I have also developed my administration and teaching portfolio, teaching in areas such as environmental ethics and the ethics of artificial intelligence, whilst also serving as a member of the University's Human Research Ethics Committee, and supervising around 24 postgraduate students to completion.

After discussing the position in some detail with Prof Guala, I am confident that this position and its timing coincides perfectly with my personal and professional trajectory. I would also welcome it as an opportunity to develop my rusty, but serviceable Italian, which, I am informed anecdotally, is around a B1 level. I would hope to quickly improve this if my application is successful.

I would thus be tremendously grateful for the opportunity to assist the prestigious Piero Martinetti Department of Philosophy in its objectives.

To give an indication of my suitability, below I detail some of the Research, Service, and Teaching highlights of the CV.

Research and Research funding

- I have 25 publications accepted in leading bioethics journals and in books for respected publishers.
- I am editing a forthcoming book for Cambridge University Press, showcasing new work by the world's finest moral philosophers on the subject of the ethics of ageing.
- My research has been funded by, a European School of Molecular Medicine doctoral scholarship, a National Research Fund (NRF) Innovation Fellowship, and, more recently, an NRF Rating Award.

Teaching and administrative responsibilities

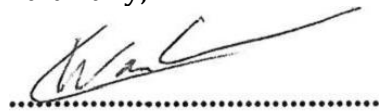
- I have taught, administered, and acted as internal and external moderator for a wide variety of courses in philosophy, moral philosophy, and bioethics at undergraduate and postgraduate level.
- In terms of administration, I have for 6 years been responsible for coordinating the undergraduate bioethics and health law syllabus for my current institute. This involves administration of around 1500 students and around 10 staff members.
- For five years, I have coordinated Masters level courses in normative and empirical research methods, and previously headed a Unit in Research Ethics

University and community service

- Since 2015, I have been a member of the University of Witwatersrand Human Research Ethics Committee. I was also a member of the University's Biobanks Research Ethics Committee.
- I have supervised to completion: 8 honours projects, 15 masters reports, and 1 PhD thesis. I currently supervise a further 4 masters projects and 5 PhD projects, all of which are successfully past the proposal development phase.
- I have been interviewed by several local and international magazines and radio shows on the topics of ageing, resource allocation, quarantine, artificial intelligence and the fourth industrial revolution.
- I authored a report for the Nuffield Council on Bioethics on Expensive, life-extending technologies.

It would be a great honour to return to Milan, so I hope that you will consider this application favourably. In any event, thank you for your consideration.

Faithfully,



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Christopher Wareham, PhD (Milan)
Steve Biko Centre for Bioethics
University of the Witwatersrand

CHRISTOPHER SIMON WAREHAM

BA, BA Hons, MA (Rhodes), PhD (Milan, SEMM)

PERSONAL DETAILS

Phone: W (+27)117172620
H (+27)726608977
Email: christopher.wareham@wits.ac.za
Born: 25th September 1980
Citizenship: South African, British
Employer: Steve Biko Centre for Bioethics, University of the Witwatersrand,
29 Princess of Wales Terrace, Parktown, Johannesburg
Languages: English (mother tongue), Italian (basic conversational)

RESEARCH SPECIALISATIONS

Bioethics
Philosophy and ethics of ageing
Ethics of artificial intelligence

RESEARCH COMPETENCES

Distributive justice
Moral epistemology
African philosophy

ACADEMIC QUALIFICATIONS

2009-2013 **PhD** in the Foundations and Ethics of the Life Sciences, University of Milan, Italy
Thesis on the ethical implications of life extension by slowed ageing
Supervisors: Prof. John Harris, Prof. Giuseppe Testa, Dr Marco Giorgio
2003-2005 **Master of Arts** in Philosophy, Rhodes University, SA
Graduated with distinction.
Dissertation on 'Liberal Aristocracy' and the limits of democracy
2002 **Bachelor of Arts with Honours** in Philosophy, Rhodes University, SA
Graduated with distinction
1999-2001 **Bachelor of Arts** in English and Philosophy, Rhodes University. SA
1992-1998 Matriculated, St John's College, Johannesburg, SA

PROFESSIONAL QUALIFICATIONS AND COURSES

2016 UNESCO Ethics Teacher Training Course
2016 Testing for Conceptual Understanding, Prof Silverthorn, CLTD
2016 Writing Winning Proposals for the NRF. Centre for Learning, Teaching and Development (CLTD)
2016 Preparing a Teaching Portfolio, CLTD
2016 Integrating Technology into Teaching, CLTD
2016 Preparing for and Giving a Good Lecture, CLTD
2015 Postgraduate Supervision Course, CLTD
2014 Qualitative and Quantitative Research Methods, CLTD

MEMBERSHIP OF PROFESSIONAL BODIES / ASSOCIATIONS

- Philosophical Society of Southern Africa
- International Association of Bioethics

ACADEMIC DISTINCTIONS / FELLOWSHIPS / AWARDS

2018	NRF Rating - Y1: R50000
2018	'Editor's choice' in BMJ: Journal of Medical Ethics for 'What is the ethics of ageing
2014	NRF Innovation Research Fellowship: R305000pa
2013	University of Johannesburg Post-doctoral Fellowship: R220000pa
2009	European School of Molecular Medicine PhD Scholarship: Euros 18500 pa
2005	Master of Arts <i>with distinction</i>
2003	Full Academic Colours
2003	Rhodes Masters degree scholarship
2003	Honours <i>with distinction</i>

ACADEMIC AND PROFESSIONAL EXPERIENCE

ACADEMIC EXPERIENCE

2017-	Senior Lecturer, Steve Biko Centre for Bioethics, University of the Witwatersrand
2015-2017	Lecturer (Full-time), Steve Biko Centre for Bioethics, University of the Witwatersrand
2014-2015	Lecturer (Part-time), Steve Biko Centre for Bioethics, University of the Witwatersrand
2013-2014	Postdoctoral Research Fellow, Department of Philosophy, University of Johannesburg
2011	Sessional Lecturer, European School of Molecular Medicine (SEMM) and European Institute of Oncology (IEO)
2009-2013	PhD Research, European School of Molecular Medicine (SEMM), European Institute of Oncology (IEO) University of Milan
2007-2008	Sessional Lecturer, School of Philosophy and Ethics, University of KwaZulu-Natal
2007-2008	Teaching Assistant, School of Philosophy and Ethics, University of KwaZulu-Natal
2007-2008	Teaching Assistant, School of Media and Cultural Studies, University of KwaZulu-Natal
2002-2004	Teaching Assistant, Department of Philosophy, Rhodes University

NON-ACADEMIC PROFESSIONAL EXPERIENCE

2006-2007	Technical author, Identisoftware, Durban
2006	Rare books database administrator, Adam's Books, Durban
2005-2006	Freelance editor / proof-reader
2005-2006	Training consultant, Read & Associates, Johannesburg
2005	Administrative assistant, Registrar's Office, Rhodes University

Please find Research, Teaching, and Service portfolios below

RESEARCH

BOOK

The Cambridge Handbook of the Ethics of Ageing. Cambridge University Press (under contract).

This book is to be published in 2021 by the prestigious publisher CUP and features contributions from the world's leading bioethicists and philosophers.

ACCREDITED ARTICLES AND CHAPTERS

(19 Journal articles; 4 book chapters; 1 conference proceeding; 1 book review)

* Acceptance available on request

#	Type	Year	Article title	Journal/ book	Co-author	Accreditation /Publisher	Impact factor
25	Journal article	Accepted for publication*	Towards an Africanised bioethics curriculum	<i>Cambridge Quarterly of Healthcare Ethics</i>	1	ISI	1.204
24	Journal article	Accepted for publication*	Ethical considerations in xenotransplantation	<i>Current Opinion in Organ Transplantation</i>	1	ISI	2.43
23	Book review	Accepted for publication*	100 Questions and answers about research ethics	<i>Journal of Empirical Research on Human Research Ethics</i>		ISI	1.28
22	Journal article	Accepted for publication*	Between aiming to die and longing to live longer	<i>History and Philosophy of the Life Sciences</i>	1	ISI	0.67
21	Journal article	Accepted for publication*	Medical cosmopolitanism and the unjust distribution of health workers	<i>Developing World Bioethics</i>	1	ISI	1.23
20	Book chapter	Accepted for publication*	African conceptions of distributive justice	<i>Key Issues in African Ethics</i> , Jonathan Chimakonam and Luis Cordeiro Rodriguez (eds.),	0	Bloomsbury Press	N/A
19	Journal article	2020	Genome-editing for longer lives	<i>Journal of Bioethical Inquiry</i>		ISI	1.51
18	Journal article	2020	AI and African conceptions of personhood	<i>Science and Engineering Ethics</i>	1	ISI	2.51
17	Journal article	2019	On the moral status of hominins	<i>Monash bioethics review</i>		Scopus	1.1
16	Journal article	2019	Pig-to-human xenotransplantation: Overcoming ethical obstacles	<i>South African Journal of Bioethics and Law</i>	1	DHET	0.38
15	Journal article	2018	What is the Ethics of Ageing?	<i>Journal of Medical Ethics</i>		ISI, Norwegian list, Scopus	2.15
14	Journal article	2017	Partiality and Distributive Justice in African Medical Ethics	<i>Theoretical Medicine and Bioethics</i>		ISI, Scopus	0.82

13	Journal article	2017	Confidentiality and Fitness to Drive: Professional, Ethical, and Legal Duties in the Case of the Diabetic Bus Driver	<i>South African Medical Journal</i>		ISI, Scopus, ScieLO, DHET	0.91
12	Journal article	2017	Is There a Duty to Explore African Ethics?	<i>Ethical Theory and Moral Practice</i>		ISI, IBSS, Scopus	0.62
11	Book chapter	2016	The Transhumanist Prospect: Developing Technology to Extend the Human Lifespan.	<i>The Palgrave Handbook of the Philosophy of Aging</i> , Geoffrey Scarre (ed.)		Palgrave Macmillan	N/A (530 downloads)
10	Journal article	2016	Substantial Life Extension and the Fair Distribution of Healthspans	<i>Journal of Medicine and Philosophy</i>		ISI, Scopus	1.09
9	Journal article	2015	Policy on Synthetic Biology: Deliberation, Probability, and the Precautionary Paradox	<i>Bioethics</i>	1	ISI, IBSS, Scopus	1.81
8	Journal article	2015	Youngest First? Why It Is Wrong to Discriminate Against the Elderly in Health Policy	<i>South African Journal of Bioethics and Law</i>		DHET	0.38
7	Journal article	2015	Slowed Ageing, Welfare and Population Problems	<i>Theoretical Medicine and Bioethics</i>		ISI, Scopus	0.82
6	Book chapter	2014	Prolungare la durata della vita umana: aspetti etici in salute pubblica	<i>In Etica alle Frontiere della Biomedicine</i> , Giovanni Boniolo and Paolo Maugeri (eds).		Mondadori Press	N/A
5	Book chapter	2013	On the Moral Equality of Artificial Agents	<i>Moral Ethical and Social Dilemmas in the Age of Technology</i> , Rocco Luppigini (ed.).		IGI Global	N/A
4	Conference proceeding	2012	Substantial Life Extension and Quality of Life	<i>VRIC '12: Proceedings of the 2012 Virtual Reality International Conference</i>		ACM Publishing	N/A
3	Journal article	2012	Life Extension and Mental Ageing	<i>Philosophical Papers</i>		ISI, Scopus, DHET	0.34
2	Journal article	2011	On the Moral Equality of Artificial Agents	<i>International Journal of Technoethics</i>		Scopus	1.04
1	Journal article	2009	Deprivation and the See-saw of Death	<i>South African Journal of Philosophy</i>		ISI, Scopus, DHET	0.48

NON PEER-REVIEWED PUBLICATIONS

Role	Title	Publication	Type
Sole author	2017. How can life-extending treatments be available for all?	Aeon < https://aeon.co/ideas/how-can-life-extending-treatments-be-available-for-all/ >	N/A Commissioned article
Co-author with J. Vos	2016. Unreasonable Doubt in Cases of Gender Violence	Aeon < https://aeon.co/ideas/why-rape-cases-should-not-be-subject-to-reasonable-doubt/ >	N/A Commissioned article
Sole Author	2013. Longer Lives: Scientific Means and Ethical Ends	Association of Cellular Biology and Differentiation Magazine< http://abcd-it.org/magazine_EN.php >	N/A Commissioned article

ARTICLES IN PROGRESS

- Submitted: A virtue ethics approach to dentistry. South African Dental Journal
- Is legal age change ethically justified? The gender / age analogy. Anticipated journal: Journal of Medical Ethics.
- Health priority-setting and African conceptions of distributive justice. Anticipated journal: Public Health Ethics.
- Ethical implications of the U-curve of happiness. Anticipated journal: Journal of Medical Ethics.
- Unreasonable Doubt in Cases of Gender Violence. Anticipated journal: Journal of Applied Ethics. Co-authored with James Vos
- Moral Foundations and moral foundations: Normative approaches to descriptive ethics. Anticipated journal: Journal of Ethics. Sole author
- An African Approach to Genetic Enhancement. Journal of Medical Ethics. Sole author

RESEARCH AWARDS AND DISTINCTIONS

2018 NRF Rating - Y1: **R50000**

2018 'Editor's choice' in BMJ: Journal of Medical Ethics for 'What is the ethics of ageing'

2014 NRF Innovation Research Fellowship: **R305000pa**

2013 University of Johannesburg Post-doctoral Fellowship: **R220000pa**

2009 European School of Molecular Medicine PhD Scholarship: **±R270000pa**

2003 Full Academic Colours

2003 Rhodes Masters degree scholarship

CONTRIBUTIONS TO POLICY

Title	Organisation	Type
2013. Background Paper on Expensive Life-Extending Treatments	Nuffield Council on Bioethics Forward Look	Commissioned report

INVITED PRESENTATIONS

Date	Paper title	Inviting Institute
2020	Age and Well-being	McDonald Centre for Theology, Ethics, and Public Life, Oxford University

2020	Ethical implications of the U-Curve of happiness	Division of Human Genetics, University of the Witwatersrand
2020	Priority setting and African conceptions of Distributive Justice	Invited to special WBC panel on ageing and developing nations by Nancy Jecker, University of Washington
2018	Ethical implications of the U-Curve of Happiness	Queen's University Belfast, Northern Ireland
2018	Ageing, Life Extension, and Loneliness	Philosophy Department, University of Johannesburg
2017	What is Genethics?	Division of Human Genetics, University of the Witwatersrand
2016	Exploring Diverse Ethics	Department of Philosophy, University of Cape Town
2016	The Ethics of Emerging Technologies	British International College, Johannesburg
2015	Dementia and Age Discrimination in Health Care	Alzheimer's South Africa
2014	Personhood and Moral Status	Philosophy Department, University of Stellenbosch
2014	Why it is Wrong to Discriminate Against the Elderly in Health Policy	Philosophy Department, University of Johannesburg
2014	Is it Fair to Discriminate Against the Elderly in Health Policy	Philosophy Department, University of the Witwatersrand

LOCAL CONFERENCE PRESENTATIONS

Date	Paper title	Conference
2020	Priority-setting and African conceptions of Distributive Justice	Philosophical Society of South Africa, University of KwaZulu-Natal
2019	Artificial intelligence and African Conceptions of Personhood	Centre for Artificial Intelligence Research (CAIR) Symposium on AI and Society
2019	Spring Colloquium	Philosophy Spring Colloquium, University of the Witwatersrand
2017	Unreasonable Doubt in Cases of Gender Violence	Philosophical Society of South Africa, Annual Conference
2016	Unreasonable Doubt in Cases of Gender Violence	Philosophy Spring Colloquium. Monash
2015	Partiality and Distributive Justice in African Medical Ethics	Giving a Voice to African Thought in African Medical Ethics
2015	An Impartial Defence of Partiality	Philosophy Spring Colloquium, University of Cape Town
2014	Youngest First? Why It's Wrong to Discriminate Against the Elderly in Health Policy	Philosophy Spring Colloquium, University of KwaZulu Natal
2014	Is It Fair to Discriminate Against the Elderly in Health Policy?	Philosophical Society of South Africa, Annual Conference
2013	Slowed Ageing, Life Extension, and Demographic Change	Philosophical Society of South Africa, Annual Conference
2009	Deprivation and the See-Saw of Death	Philosophical Society of South Africa, Annual Conference
2008	Timing of Mortal Harms	Philosophy Spring Colloquium
2008	Subjectivity and the Evaluation of Death	Philosophical Society of South Africa, Annual Conference

INTERNATIONAL CONFERENCE PRESENTATIONS

Date	Paper title	Conference
2020	Priority setting and African conceptions of Distributive Justice	World Congress of Bioethics, University of Philadelphia (Online)
2019	Artificial Intelligence and African Conceptions of Personhood	International Conference on Ethics, Porto, Portugal
2017	Recent Work in the Ethics of Ageing	United Nations Education, Scientific, and Cultural Organisation (UNESCO) Bioethics Conference, Limassol, Cyprus
2014	Slowed Ageing, Lifespan Extension, and Greying Societies	International Conference for Applied Ethics, Sapporo, Japan
2012	Distributing Life: Justice, Life Extension and a Fair Innings	Pavia Political Philosophy Conference, Pavia, Italy
2012	An Existing Life Extension Technology and its Implications for Well-being	Well-Being in Contemporary Society, Twente, Netherlands
2012	Substantial Life Extension and Quality of Life	Virtual Reality International Conference, Laval, France
2012	The Economic Utility of Life Extension	XXI Convegno Nazionale dei Dottorati di Ricerca in Filosofia. Reggio Emilia, Italy
2011	Life Extension, Enhancement, and the Fair Distribution of Healthspan	European Congress of Analytic Philosophy, Milan, Italy
2011	On the Utility of an Existing Means of Substantial Life Extension	International Society for Utilitarian Studies XI, Lucca, Italy
2011	Policy on Synthetic Biology	Zagreb Applied Ethics Conference University of Zagreb, Croatia
2008	Death, Betrayal, and the Timing of Relational Harms	Death: What It Is and Why It Matters, University of York, UK

SERVICE

ADMINISTRATIVE AND DEPARTMENTAL DUTIES

- 2016-Present Head of Masters Unit in Research Methods, University of the Witwatersrand (**±20 students**)
- 2015-Present Head of Undergraduate Studies in Bioethics, Faculty of Health Sciences, University of the Witwatersrand (**±1500 students**)
- 2015-Present Bioethics coordinator for the Graduate Entry Medical Programme, University of the Witwatersrand (**±1000 students**)
- 2014-Present Bioethics coordinator for the Fundamentals of Health and Disease 2 Programme (BHSc), University of the Witwatersrand (**±70 students**)
- 2015 Co-head of Masters Unit in Advanced Research Ethics (**±40 students**)

SERVICE TO THE UNIVERSITY

Committees:

- Human Research Ethics Committee (Non-medical), University of the Witwatersrand
- Biobanks Ethics Committee, sub-committee of Human Research Ethics Committee (Medical) University of the Witwatersrand (2014-2015)
- Graduate Entry Medical Programme Curriculum Committee, University of the Witwatersrand
- Steve Biko Centre Director appointment committee
- Steve Biko Centre Lecturer appointment committee (twice)
- First, Second, and Third Year Working Parties, University of the Witwatersrand
- Doctoral Protocol Assessment Committees, Faculty of Health Sciences, University of the Witwatersrand (numerous)
- Masters proposal assessment, Department of Philosophy, University of the Witwatersrand

Invited lectures (at Wits):

- 2020 Age and Well-being. Division of Division of Human Genetics, University of the Witwatersrand
- 2019 Age and Well-being. Hoernlé Research Seminar, Department of Philosophy, University of the Witwatersrand
- 2017 Ethics and Genetics. Division of Human Genetics, University of the Witwatersrand
- 2016 Why It Is Wrong to Discriminate Against the Elderly in Health Policy. Department of Internal Medicine, University of the Witwatersrand
- 2014 Is It Fair to Discriminate Against the Elderly in Health Policy? Hoernlé Research Seminar, Department of Philosophy, University of the Witwatersrand

SERVICE TO THE PROFESSION

- NRF Advisory Panel: Thuthuka Funding Instrument

SERVICE TO THE DISCIPLINE

Journal articles reviewed for:

African Journal of Business Ethics; AI and Society; AIDS and Behaviour; Bioethics; BMJ: Journal of Medical Ethics; BMJ: Global Health; Developing World Bioethics; Ethical Theory and Moral Practice; Hastings Center Report; Journal of Value Inquiry; Journal of Contemporary African Philosophy; Malawi

Medical Journal; Medicine, Healthcare, and Philosophy; Multidisciplinary Respiratory Medicine; Patient Preference and Adherence; Policy Sciences; Public Health Ethics; Science and Engineering Ethics; South African Journal of Bioethics and Law; South African Journal of Philosophy; Theoretical Medicine and Bioethics; Theoria.

Book review invitations:

- Nicholas Agar. *Making a Digital Economy*. MIT Press
- Davis, J. *New Methuselahs*. MIT Press
- Molefe, M. *Partiality and Impartiality in African Ethics*. Lexington Books
- Anderson, E, and Corneli, A. *100 Questions (And Answers) about Research Ethics*. SAGE Press
- Schweda, M., Coors, M, Bozzaro, C., *Ageing and Human Nature*. Springer
- Scher, S., Kozłowska, K. *Rethinking Health Care Ethics*. Palgrave MacMillan

Assessment of Masters reports and theses:

- 2019 Tollon. *Moral Encounters of the Artificial Kind*. Department of Philosophy, Stellenbosch.
- 2019 Rights and Access to Health Care: A Constitutional Perspective on the Ethics of Assisted Dying in South Africa. Department of Philosophy, University of the Witwatersrand.
- 2019 Msibi. *Ubuntu and Corruption*. Department of Philosophy, University of the Witwatersrand.
- 2019 Lebakeng. *4IR: A Bridge or An Even Bigger Gap*. Department of Philosophy, University of Johannesburg.
- 2019 Fasser. *A Sower of Discord*. Department of Philosophy, University of the Witwatersrand.
- 2018 Ngema. *The ethics of introducing family planning to South African primary school children under the age of 12*. University of the Witwatersrand.
- 2018 Kooverjee. *Ethical Considerations in the Prevention of Childhood Obesity*. Stellenbosch University
- 2017 Bregman. *Liberty and the infosphere: Affiliation over citizenship*. University of the Witwatersrand

Assessment of PhD theses:

- 2019 Tom Obengo. *A Utilitarian Assessment of the Relevance of Genetic Therapies for HIV-AIDS in Africa, with Special Reference to the Situation in Kenya*, University of Stellenbosch
- 2014 Gale Ure. *A hermeneutic analysis of the impact of socio-political and legislative developments on South African institutional mental healthcare from 1904 to 2004*, University of the Witwatersrand.

External examining of courses:

- 2020 Department of Philosophy, University of Stellenbosch
Ethics for Engineers [3rd&4th year]
- 2019 Department of Philosophy, University of Johannesburg
Philosophy of Mind [3rd year]
- 2015 School of Philosophy and Ethics, University of KwaZulu-Natal,
Study of a Central Philosophical Problem [3rd year]
- 2013 School of Philosophy and Ethics, University of KwaZulu-Natal
Business ethics: ethics in the workplace [3rd year]
Legal Philosophy (Punishment) Research Report [Hons]

Invited lectures (External to wits):

- 2020 Age and Well-being, Oxford University, UK
- 2020 Health priorities and African conceptions of Distributive Justice. WBC, University of Philadelphia, USA
- 2019 Aiming to Die, University of Pavia, Italy
- 2018 Age and Well-being, Queens University Belfast, Northern Ireland
- 2017 Unreasonable Doubt, University of KwaZulu-Natal
- 2016 Exploring Diverse Ethics. Philosophy in Africa, Africa in Philosophy Seminar series, University of Cape Town
- 2014 Personhood and Moral Status, University of Stellenbosch
- 2014 Why It Is Wrong to Discriminate Against the Elderly in Health Policy. Philosophy Department Colloquium. University of Johannesburg

SERVICE TO THE COMMUNITY AND OUTREACH**Invited lectures (non-academic institutes):**

- 2018 Confidentiality and Fitness to Drive. Gauteng General Practitioners Forum
- 2016 The Ethics of Emerging Technologies, British International College, Johannesburg, South Africa.
- 2015 Dementia and Age Discrimination in Health Care. 6th Annual Seminar of Alzheimer's South Africa. Johannesburg, South Africa.

Media:

- 2020 Interview with *The Conversation* on emergency health allocation decisions in a pandemic (*Pasha*)
- 2019 Interview with Curiosity Magazine. Artificial Intelligence
- 2018 Interview with Curiosity Magazine. The fourth industrial revolution.
- 2015 The Ethics of Quarantine. Radio 702 interview. *The Midday Report with Stephen Grootes*

TEACHING AND SUPERVISION OF HIGHER DEGREES

TEACHING RESPONSIBILITIES

Key roles and teaching-related administrative responsibilities

- Head of Undergraduate Studies in Bioethics
- Unit head of the MSc Unit in Research Methods
- Bioethics coordinator for the Graduate Entry Medical Programme (1st – 3rd year).
- Graduate Entry Medical Programme Curriculum Committee
- Doctoral Protocol Assessment Committees, Faculty of Health Sciences
- Bioethics coordinator for the Fundamentals of Health and Disease 2 Programme (BHSc).
- First, Second, Third Year Working Party
- Co-head of Masters Unit in Advanced Research Ethics (2015)

<p>Head of Undergraduate Studies in Bioethics I currently teach in, administer, and design curricula for the Bioethics and Health law programmes of disciplines throughout the Faculty.</p>	<ul style="list-style-type: none"> • Overseeing all aspects of the various undergraduate bioethics programs in the Faculty, involving around 1500 students in BHSc, GEMP, BDS, BOHSc, BPharm, etc. • Developing new ethics curricula as the need arises, e.g. The Health Systems Sciences Curriculum and the Bachelor in Clinical Medical Practice Bioethics Curriculum • Continuous evaluation of courses through peer and student evaluation • Mentoring junior staff members in methods of evaluation and development of curricula • Integrating new staff members • Attending discipline-specific curriculum meetings and inter-faculty working party meetings • Quality control of curricula, essay questions and exam questions • Integrating technology and arranging equipment and venues • Adapting to curriculum changes within the various disciplines. • Staying abreast of and adapting curricula to relevant changes to law and guidelines, and bio-technological advances • Updating teaching methods, and encouraging the evaluation and uptake of novel methods e.g. through the use of technologies such as clicker use • Managing the assignment of lectures, examination questions to around 15 permanent, part-time, and honorary staff members within the Centre
<p>Head of the Research Methods Unit (Hons and Masters) I develop and run a course on normative methods and argumentation, and the role of qualitative and quantitative</p>	<ul style="list-style-type: none"> • Specifying objectives and outcomes • Selecting course materials • Determining evaluation methods and documents • Managing student assessments • Teaching • Arranging guest speakers • Assigning research supervisors

methodologies in empirical bioethics.	
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TEACHING DEVELOPMENT

- 2016 UNESCO Ethics Teacher Training Course
- 2016 Testing for Conceptual Understanding, Prof Silverthorn, CLTD
- 2016 Writing Winning Proposals for the NRF. Centre for Learning, Teaching and Development (CLTD)
- 2016 Preparing a Teaching Portfolio, CLTD
- 2016 Integrating Technology into Teaching, CLTD
- 2016 Preparing for and Giving a Good Lecture, CLTD
- 2015 Postgraduate Supervision Course, CLTD
- 2014 Qualitative and Quantitative Research Methods, CLTD

UNDERGRADUATE TEACHING AND ADMINISTRATION

Years	Employer	Course	Class size	Activities
2017-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Bachelor of Health Sciences: Health Systems Sciences 1,2, and 3	100+	<ul style="list-style-type: none"> • Curriculum Design • Teaching • Coordination and administration of exam questions and results
2015-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Graduate Entry Medical Programme 1 (3 rd year medical students)	350+	<ul style="list-style-type: none"> • Curriculum design Coordination and administration • Teaching • Setting exam questions • Organisation of Bioethics Objective Structured Clinical Examination (OSCE) • Training of staff and Simulated Patients for OSCE • Assessment of OSCE
2015-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Graduate Entry Medical Programme 2 (4 th year medical students)	300+	<ul style="list-style-type: none"> • Curriculum design and adaptation • Coordination and administration • Teaching • Setting and marking exam questions • Organisation of Bioethics OSCE • Training of staff and Simulated Patients for OSCE • Assessment of OSCE
2015-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Graduate Entry Medical Programme 3 (5 th year medical students) 2014-present	300+	<ul style="list-style-type: none"> • Curriculum design, review, and adaptation • Coordination and administration • Consultation with students on presentations • Assessing and critiquing presentations and reports

				<ul style="list-style-type: none"> • Moderating discussions • Setting and marking exam questions
2014-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Bachelor of Dentals Science 1 & Bachelor of Oral Hygiene 1 2014-present	+50	<ul style="list-style-type: none"> • Curriculum design • Teaching • Setting & marking assessments
2014-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Bachelor of Dental Science 2	+40	<ul style="list-style-type: none"> • Curriculum design • Teaching • Setting & marking SAQs
2014-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Fundamentals of Health and Disease 2	70+	<ul style="list-style-type: none"> • Coordination and administration • Teaching • Setting and marking exam questions
2014-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Fundamentals of Health and Disease 3	70+	<ul style="list-style-type: none"> • Teaching • Evaluation of presentations and reports
2007	School of Philosophy and Ethics, University of KwaZulu-Natal	Descartes' <i>Meditations</i> (1 st year) Applied ethics: life, death, and killing (1 st year)	+35	<ul style="list-style-type: none"> • Teaching • Marking of essays
2007-2008	School of Philosophy and Ethics, University of KwaZulu-Natal	Ethics and political theory (2 nd year) Legal theory and judicial review (2 nd years) Evolutionary theory (1 st years) Argumentation and informal logic (1 st years)	+15	<ul style="list-style-type: none"> • Tutor • Internal examiner • Marking of essays
2007-2008	Department of Media and cultural studies, University of KwaZulu-Natal	Introduction to cultural studies (2 nd years) Advertising and marketing (2 nd years)	+15	<ul style="list-style-type: none"> • Tutor • Internal examiner • Marking essays
2002-2004	Department of Philosophy, Rhodes University	<i>Human Nature After Darwin</i> (2 nd years) Informal logic (2 nd years)	+15	<ul style="list-style-type: none"> • Tutor / Teaching assistant • Internal examiner • Marking essays

		Philosophy of race and gender (2 nd years) Metaethics (2 nd years) Metaphysics (1 st years)		
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UNDERGRADUATE EXTERNAL MODERATION

Year	Institution	Course	Activities
2013	UKZN	Ethics in the Workplace (Dr Oyowe)	• Moderation and feedback
2016	UKZN	Study of a Central Philosophical Problem (Prof Lenta)	• Moderation and feedback
2019	UJ	Philosophy of Mind (Dr Smart)	• Moderation and feedback
2020	Stellenbosch	Engineering Ethics (Prof Hattingh)	• Moderation and feedback

STATEMENT ON TEACHING AND LEARNING

My teaching statement is outlined below, providing evidence of fulfilment of teaching and learning criteria for Associate Professor under the following headings

- Teaching philosophy and approach
- Innovation in teaching and assessment approaches and practice
- Scholarship in teaching and learning
- Module coordination and contributions to curriculum review and development
- Leadership of learning initiatives which contribute to staff development

Teaching philosophy and approach

Across my career, I have taught extensively to, and run courses for, undergraduate and post-graduate students (Hons, Masters, PhD) from a variety of ages and linguistic and cultural backgrounds. This exposure, along with engagement with scholarly research on education, has contributed to the development of my teaching approach. Below I discuss this approach under the headings teaching methods, teaching evaluation, and teaching development.

Teaching methods

Even if concepts are well-arranged, passively listening to a lecture is not the best way to learn about them. Interrogating and applying concepts has far better effects, both in terms of enjoyment and in terms of uptake of the relevant knowledge and skills. A central tenet of my teaching philosophy is that it is essential to engage with and apply knowledge in order to learn.

As a result, teaching is always structured around examples, thought experiments, questions and cases designed to engage. These are often questions about a particularly difficult and relevant case, sometimes making use of group sessions, and 'flipped' classrooms. Immersion in understanding particular cases and questions helps to develop responsiveness to morally salient features of real cases.

Continuous evaluation

I continually evaluate my lectures through reflection and note-taking, as well as through formal evaluations and informal conversations. I take all the comments I receive seriously, paying equal attention to negative and positive critique.

In evaluations, I consistently score in the top 5% of lecturers, achieving scores in excess of 9.5 out of 10. This holds true for undergraduate classes of various sizes. My postgraduate course in Research methods, involving classes of 15-20 students also consistently receives excellent evaluations. (Student evaluations available on request)

Teaching development

I embrace opportunities to learn new teaching techniques and methodologies. I have attended numerous teaching classes and courses (please see CV above), including the UNESCO Ethics Teacher Training Course. These give me the opportunity to learn and introduce new pedagogical techniques and practices into my teaching.

During the 2020 pandemic, I have coordinated the cross-faculty undergraduate and honours programs adaptation to online learning. I have also initiated and adapted an entirely new bioethics program in the GEMP 3 spiral weeks.

Innovation in teaching and assessment approaches and practices

Recently I have overseen the development of a new 3-year ethics and critical thinking curriculum in the Bachelor of Health Sciences. This new curriculum makes use of blended learning technologies, online tutor interaction, and continuous online assessment, alongside traditional pedagogical methods.

I continually learn about and introduce technology into lectures, provided that technology has some constructive function and is not disruptive or time-wasting. To this end I introduced the use of clickers into many of my classes and encouraged their use by other lecturers in our undergraduate programs. Used well, this has the dual effect of stimulating engagement and estimating comprehension. Clicker use provides the opportunity to gain a genuine sample of how well students understand certain ideas and concepts. This is particularly useful in larger classes, in which engagement at an individual level is extremely difficult and quieter students who don't understand are less willing to speak up.

A further innovation I spear-headed is the introduction of ethics skills sessions, in which small groups of students are presented with an ethical scenario and must work through its implications and the best practical response. Since 2015, I have also been responsible for the development bioethics Objective Structured Clinical Examinations, which assess students' ability to respond to ethical situations in a simulated clinical scenario. While ethics OSCEs are more common in High Income countries, to the best of my knowledge, Wits is the only institute in Africa that evaluates practitioners' ethical skills in this way.

Scholarship in teaching and learning

As mentioned, I co-authored an article with Prof Kevin Behrens, entitled, 'Towards an Africanised Bioethics Curriculum' for submission to a special edition of the *Cambridge Quarterly of Healthcare Ethics*. The article provides a rationale for Africanisation of the curriculum and explains how we, at the Steve Biko Centre, have integrated African ethics as a core part of our undergraduate and postgraduate teaching, to be considered alongside western theories traditionally taught.

I hope that future work will point to evidence-based ways in which not just content, but also modes of instruction might be influenced in ways that better reflect the worldviews of African students.

Module coordination, curriculum review and development

In my present capacity as Head of Undergraduate Studies in ethics, I have planned a number of new ethics and critical thinking curricula catering to the specific needs of various disciplines. Some of these, such as the ethics and critical thinking curriculum for Health Systems Sciences have necessitated integration of blended learning methodologies.

During my time at the Department of Philosophy and Ethics at UKZN, I designed, coordinated and taught a course on the disvalue of death and its implications for ethics.

In addition to curriculum design, I continuously review our existing lectures and courses. In 2017, for example I recommended the integration of a lecture on transgender rights and non-binarity into the medical ethics curriculum.

I have also been involved with curriculum review as an external moderator for a course on 'Philosophy of Mind' (Dr. Smart) at the University of Johannesburg, a course on Engineering ethics at the University of Stellenbosch, and courses on 'Ethics in the Workplace' (Dr Oyowe) and the 'Study of a Central Philosophical Problem' at UKZN (Prof Lenta).

Leadership of initiatives contributing to staff development

As undergraduate coordinator, I am tasked, amongst other duties, with the assignment of course coordinators and lecturers, integrating new staff members, sourcing lecturers for novel topics, and ensuring quality in teaching and evaluation. In this capacity I have promoted and managed the teaching development of talented young scholars, including a black female scholar – overseeing their development of essay and exam questions, as well as guiding them in aspects of curriculum design. Without wishing to take undue credit for this, I believe have assisted their development as key parts of the team.

POSTGRADUATE STUDENT SUPERVISION

Summary: 5 PhD (1 of whom has graduated); 17 Masters (13 graduated (2 distinctions)); 8 Honours (all graduated (4 distinctions))				
Level	Student name	Report/ Thesis title	Status	Co-supervisor
<i>PhD</i>	Esther Muiriri	The Sustainable Development Goals as a Vehicle to Achieve Global Health Objectives: An Ethical Analysis	Graduated 2019	Prof K Behrens
<i>PhD</i>	Hilde Miniggio	A Virtue Ethics Framework for Modern Anatomical Pathology	Submitting 2020	
<i>PhD</i>	Farayi Moyana	Access to Health Care in Zimbabwe: A normative analysis of the ethical, legal and social challenges	Submitting 2020	Dr J. Gardner

<i>PhD</i>	Nainisha Bhana	An African inspired approach to ethical issues in human germline genome editing	Proposal accepted	
<i>PhD</i>	Dominic Liche	African moral epistemology	Proposal accepted	Dr Ashley Coates
<i>Masters</i>	David Saunders	The Ethics of Declining or Delaying Patient Transport in a Non-Emergency Pre-Hospital Environment.	Graduated 2015	Dr Fr Anthony Egan
<i>Masters</i>	Patricia Marlow	Healthcare Practitioners' Ethical Obligations Towards Hunger Strikers.	Graduated 2015	Adv Y. Guidozzi
<i>Masters</i>	Bozena Krystofiak	DNA Profiling of Unidentified Human Remains in a South African Context: An Ethico-Legal Analysis	Graduated 2016	Dr J. Gardner
<i>Masters</i>	Annelie van der Westhuizen	Ethical Considerations in the use of Pacifiers for Non-Nutritive Sucking in South African Neonatal Intensive Care Units	Graduated 2015	
<i>Masters</i>	Farzana Paleker	Dignity and Assisted Dying: An Ethico-Legal Analysis	Graduated with distinction 2016	Adv. Yolande Guidozzi
<i>Masters</i>	Kirstin Hawkins	Organ Donation in South Africa: Opt-in, Opt-out, or Mandated Choice?	Graduated 2017	
<i>Masters</i>	Precious Ncayiyana	The Ethics of Antibiotics Use in Animal Farming.	Graduated 2017	Prof A. Dhai
<i>Masters</i>	Richard Ndovie	Ethical and Legal Issues Related to Health Surveillance Assistants' Job Description in Malawi	Graduated 2018	Dr J. Gardner
<i>Masters</i>	Rosemary Moliehi Mpele	Personal Evaluations of Midwifery Students Regarding Ethical Competence.	Graduated 2018	Dr L. Bezuidenhout
<i>Masters</i>	Elongo Fritz	Conscientious objection to abortion is unconscionable	Graduated 2019	
<i>Masters</i>	Jacques Nel	The ethics of intra-operative neural monitoring	Under examination	
<i>Masters</i>	Raymond Matloa	Legal and ethical pitfalls in the provision of cosmetic dentistry	Under examination	
<i>Masters</i>	Susan Murphy	Extracorporeal Membrane Oxygenation (ECMO) therapy in Intensive Care Units (ICU) in South African State Hospitals: A Normative Study	Graduated with Distinction 2020	
<i>Masters (dissertation)</i>	Luvuyo Gantsho	The Ethics of Germline Editing for Cognitive Enhancement	Proposal accepted	
<i>Masters (dissertation)</i>	Nezerith Cenghiz	The Virtue ethics and the Ethics of Carebots	Proposal accepted	Dr Ashley Coates

<i>Masters</i>	Togara Pamacheche	Withholding life-sustaining treatment for peri-viable preterm babies	Proposal submitted	
<i>Masters</i>	Kwena Matlala	The ethics of withholding life support	Proposal under development	
<i>Honours</i>	Shane Dugmore	Free will, determinism and moral responsibility	Awarded 2014	
<i>Honours</i>	Ayanda Gashi	Sex assignment surgery on intersex infants: a bioethical analysis	Awarded with distinction 2017	
<i>Honours</i>	Ashleigh Hoomoedt	A bioethical analysis of methods of treatment of patients suffering from dementia	Awarded with distinction 2017	
<i>Honours</i>	Paayal Madhav	To what extent should the state override parental autonomy regarding MMR vaccinations requirements?	Awarded 2017	
<i>Honours</i>	Nezerith Cenghiz	The ethics of xenotransplantation	Awarded with distinction 2018	
<i>Honours</i>	Luvuyo Gantsho	Medical cosmopolitanism	Awarded 2019	
<i>Honours</i>	Vishal Ramjee	Adherence monitoring in HIV	Awarded 2019	

POSTGRADUATE TEACHING AND ADMINISTRATION

Year	Institution	Unit	Students	Activities
2014-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Masters: Foundations of Bioethics	45	• Teaching
2014-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Masters: Advanced Research Ethics (2014-2016)	45	• Teaching
2014-	Steve Biko Centre for Bioethics, University of the Witwatersrand	Masters: Advanced Health Ethics	45	• Teaching
2016-	Steve Biko Centre for	Masters: Research Methods	+25	• Coordination, marking and administration

	Bioethics, University of the Witwatersrand	(2016-)		<ul style="list-style-type: none"> • Teaching • Developing assessment criteria • Assessing presentations • Assigning marks for protocol development.
2011	University of Milan and the European School of Molecular Medicine	PhD: Mill's Utilitarianism	12	<ul style="list-style-type: none"> • Teaching
2011	University of Milan and the European School of Molecular Medicine	PhD: The Ethics of Enhancement (PhD students)	30	<ul style="list-style-type: none"> • Teaching

ASSESSMENT OF POSTGRADUATE ESSAYS, REPORTS, DISSERTATIONS, THESES

Level	Institution	Number
PhD	Department of Philosophy, Stellenbosch	1
PhD	Steve Biko Centre for Bioethics, Wits	1
Masters	Department of Philosophy, Wits	4
Masters	Steve Biko Centre for Bioethics, Wits	1
Masters	Department of Philosophy, Stellenbosch	2
Hons	Department of Philosophy, UJ	2
Hons	Steve Biko Centre for Bioethics, Wits	7

TEACHING EVALUATIONS

QUANTITATIVE ASSESSMENTS (FULL EVALUATIONS ON REQUEST)

Undergraduate evaluations			
Year	Course	My Score	University Average
2014	Fundamentals of Health and Disease (FHD) 2	8.15	7.84
2015	Fundamentals of Health and Disease 2	9.07	7.87
2017	Graduate Entry Medical Program (GEMP) 1	9	7.93
2017	GEMP2	9.03	7.88
2018	FHD2	8.65	7.96
2019	GEMP 1	9.45	8.00
2019	GEMP2	9.06	8.00

Postgraduate evaluations		
Year	Course	Overall positive responses
2016	MSc Unit in Research Methods	93.75 (N=18)
2018	MSc Unit in Research Methods	95.6 (N=10)
2019	MSc Unit in Research Methods	98.75 (N=15)

QUALITATIVE ASSESSMENTS

Undergraduate student comments (sample):

- The lecture was very important. Something all medical students should get
- The use of examples and real cases provide an interesting component to the course
- Communication and ensuring understanding amongst the class was exceptional
- Very clear speaker. Engaging and friendly.
- Great knowledge and understanding of the topic and has a good ability to pass this information on
- The lecturer is very good at explaining the concepts and is very intent on making the concepts understandable. Very good lecturer.

MSc Research methods student comments (sample)

- Well done. Good work to the coordinator
- Well-oiled machine - Thanks!
- Good lecturer engagement. Thank you!
- Good use of published examples and previous student work

MSc Internal moderator: Evaluative comments by Prof Menezes (2019)

"This advanced research methods course was well designed and the examination process fair."

REFERENCES

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Data

13-07-2020

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Signed:



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