

## **CURRICULUM VITAE**

### **Keymanthri Moodley**

MBChB (Natal), MFamMed cum laude (Stell), MPhil cum laude (Applied Ethics) (Stell),  
FCFP (SA), DPhil (Stell) Executive MBA (UCT)

#### **1. PERSONAL DETAILS:**

**Title:** Professor

**Initials:** K

**Full First Name:** Keymanthri

**Surname:** Moodley

**HPCSA No:** MP 0334197

#### **2. CONTACT DETAILS:**

**Home address:** 18 Riverton Road, Rondebosch, 7700

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**Work address:** Centre for Medical Ethics and Law  
P.O. Box 204  
Cape Town  
8000

**Current Position:** Professor and Director – Centre for Medical Ethics & Law, Department of  
Medicine, Faculty of Medicine and Health Sciences, Stellenbosch University

**3. QUALIFICATIONS:**

<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Chatsworth Secondary School, KwaZulu-Natal	Matriculation exemption with distinction	1982	English, Afrikaans, Mathematics, Physical Science, Biology, Accounting
University of Natal, Durban, South Africa	MBChB	1988	Medicine
Colleges of Medicine of South Africa	FCFP(SA)	1995	Family Medicine
Stellenbosch University, Cape Town, South Africa	MFamMed cum laude	1996	Family Medicine
Stellenbosch University, Cape Town, South Africa	MPhil cum laude (Applied Ethics)	1999	Applied Ethics
Stellenbosch University, Cape Town, South Africa	DPhil	2004	Applied Ethics
University of South Africa (UNISA)	Certificate	2008	Medical Law
University of Cape Town (UCT)	Executive MBA	2013-2014	Business Administration
Centre for Coaching	Associate Coaching Course	2016	Integral Coaching

**3.1 Summary:**

Keymanthri completed her undergraduate medical training in 1988 at the University of Kwa-Zulu Natal and spent 3 years in Internal Medicine at King Edward VIII and RK Khan Hospitals in Durban, South Africa. This was followed by postgraduate training in Family Medicine at Stellenbosch University. In 1996 she was awarded the Claude Leon Harris medal by the Colleges of Medicine in SA for outstanding performance in the FCFP exam. The following year she was appointed as a specialist Family Physician after obtaining her Masters in Family Medicine, cum laude. Her career in bioethics started officially in 1999 when she obtained her Masters in Philosophy (Applied Ethics), cum laude. She taught medical under- and postgraduates in Family Medicine and Bioethics until 2003 when she established the first Bioethics Unit at the Faculty of Health Sciences, Stellenbosch University and focussed her efforts on Bioethics teaching and research. In 2004 she completed her doctorate in Bioethics and was appointed as Associate Professor in 2005. Under her leadership the Bioethics Unit grew significantly and was converted to the Centre for Medical Ethics and Law in 2011. In 2014

she was promoted to full professor effective January 2015. She currently heads the Centre for Medical Ethics and Law, Department of Medicine, Stellenbosch University.

In her capacity as Director of the Bioethics Unit (and subsequently the Centre), over the past 15 years, Keymanthri has co-ordinated its functions with the assistance of one administrative assistant initially and subsequently, with the support of three administrative assistants, a research assistant and 33 part-time lecturers. She manages four international grants which total approximately 41 million rand. The Centre has grown expansively over the past 15 years and is one of the leading Centres in Medical Ethics in South Africa. As director she is also a member of the Management Committee and reports to a Governing Board. She serves on the Management Committee of the Department of Medicine. The Centre has been designated as a WHO Collaborating Centre in Bioethics (the first in Africa) and is now part of the global network comprising 9 other centres located at the universities of Columbia, Miami, Toronto, Zurich, Singapore, Pakistan, Chile, Brazil and Monash.

Keymanthri was rated by the National Research Foundation (NRF) as an established researcher in 2013. She has 80 national and international publications to date. She has presented at national and international conferences, mostly as an invited speaker. In addition, she has worked as principal investigator on clinical trials since 1999, and served on the University Research Ethics Committee for more than a decade. She has provided Good Clinical Practice (GCP) training at the faculty for the past 12 years and developed an online GCP Refresher program (ERECCA) with EDCTP funding 9 years ago. In 2011 she re-established the Clinical Ethics Committee at Tygerberg Hospital on which she currently serves. She has also served on the Ethics Advisory Board of the Netcare group of private hospitals. In 2010 she was appointed to the National Health Research Ethics Council (NHREC) and the Board of the Medical Research Council (MRC) by the Ministry of Health. In 2013, she was re-appointed to the Board of the MRC to serve a second term of office. As a member of the Audit, Risk and IT Committee she gained significant experience in the financial management and audit functions of this national research organisation over a 4 year period.

Internationally, Keymanthri has served on the SAGE working group researching Immunisation during Humanitarian Crises for the World Health Organization (WHO). At the invitation of the National Institutes of Health (NIH) in the United States she has served on the HIV Preventive Research Data and Safety Monitoring Board (DSMB) and on the NIH African DSMB. She has served on a Scientific Review Committee of the EDCTP.

In 2011, together with 10 other ethics experts in South Africa, she edited a book on medical ethics, law and human rights with an online CPD program attached to the book. A second edition of the book incorporating African Philosophy and updates on new medical technologies has been published in 2017.

Since 2011, she has co-hosted an NIH Fogarty program to develop capacity in Health Research Ethics in Africa in collaboration with the Bioethics Center, University of North Carolina-Chapel Hill, USA. The program has graduated 40 postgraduate scholars from Africa over the past 4

years. In 2013 she was awarded a second NIH grant to examine the ethical and social issues associated with HIV Cure research. She has served as a consultant on an H3 Africa Biobanking project at Tygerberg Hospital. In 2015 Keymanthri completed an Executive MBA at the Graduate School of Business (GSB), University of Cape Town (UCT). Her dissertation focused on the role of governance in building trust in biobanking in South Africa. Since then, she has been invited to teach on the EMBA program at the GSB, UCT annually.

In 2014, Keymanthri was appointed to the International AIDS Society (IAS) HIV Cure International Scientific Working Group, the IAS Towards an HIV Cure Initiative and the Strategic Advisory Group of Experts Working Group on Ebola Vaccines and Vaccinations by the World Health Organisation (WHO). In 2015 she was awarded her third NIH grant to explore ethical, legal and social issues related to genomic biobanking. She is currently Vice-Chair of the Women's Forum at Stellenbosch University. Keymanthri was appointed as a member of the Academy of Science of South Africa (ASSAf) in 2015. She has served as Chair of the SAMRC Research Ethics Committee from November 2016 to February 2018.

In her private capacity, Keymanthri qualified as an Associate Coach in 2016 with the Centre for Coaching at the UCT Graduate School of Business which is affiliated to New West Ventures in San Francisco, USA and accredited by the International Coaching Federation (ICF). As Managing Member of her private consulting company, Transcendence, she offers coaching, provides medico-legal consultation and site specific research and GCP training. This represents 20% of her time for private work granted by Stellenbosch University.

#### 4. WORK EXPERIENCE:

- **1989:**  
Internship – RK Khan Hospital, Durban, South Africa  
Rotations included Internal Medicine, Surgery and Obstetrics and Gynaecology.
- **1990-1991:**  
Medical Registrar - Internal Medicine, RK Khan Hospital, Durban, South Africa  
Clinical duties included managing inpatients and outpatients in Internal Medicine and in the Coronary Care Unit. This included management of HIV, TB and Non - Communicable diseases. In addition medical consults were conducted in all other disciplines including surgical and obstetric wards and the emergency room/casualty department.
- **1992:**  
Medical Registrar - Internal Medicine, King Edward VIII Hospital, Durban, South Africa  
Clinical duties included managing patients in internal medicine and the respiratory unit as well as the medical and TB wards at Clairwood Hospital. Proficiency was gained in

all investigations including bone marrow, pleural and liver biopsies, intercostal drains and resuscitations. I was also responsible for supervision of interns and medical officers.

- **1993-1996:**

- Locum tenens-private family practice (Western Cape),
- Registrar (part-time) Family Medicine, University of Stellenbosch, Cape Town, South Africa
- Clinical duties included managing approximately 30 outpatients per 4 hour session, conducting all investigations and primary care procedures as well as practice management.

- **1995:**

- Admitted as Fellow of the College of Family Physicians of SA
- Claude Leon Harris medal awarded for outstanding performance in the national examination.

- **1997-2003:**

- Family Physician/Lecturer - Department of Family Medicine, Stellenbosch University, South Africa.
- Joint appointment with the Provincial Administration of the Western Cape, Department of Health – Bishop Lavis Day Hospital.
- Clinical duties included managing 40 patients per 4 hour session, managing clinical teams and supervision registrars and senior medical students in Family Medicine.

- **2000:**

- Consultant Family Physician/Senior Lecturer
- Author & Course Co-ordinator - Family Practice Ethics - a distance education programme developed for the SA Academy of Family Practice and Primary Care
- Vice Chair of the Executive Committee - SA Academy of Family Practice (Western Cape)
- GCP Trainer AGCP

- **2003:**

- Head - Bioethics Unit – Tygerberg Division, Centre for Applied Ethics and Faculty of Health Sciences, University of Stellenbosch and Provincial Government of Western Cape
- Established and opened the first Bioethics Unit at the Faculty of Health Sciences, Stellenbosch University with a part-time administrative assistant.
- GCP Trainer – University of Stellenbosch

- **2004:**

- Editor South African Research Ethics Committee (SAREC) Newsletter

- **2005:**
  - Associate Professor & Principal Specialist– Family Medicine
  - Head: Bioethics Unit – University of Stellenbosch (university post)
- **2006:**
  - Vice Chair – Committee for Clinical Trials – University of Stellenbosch
- **2007:**
  - Managing Member of Transcendence, a research consultancy company
- **2011 to date:**
  - Converted Bioethics Unit to Centre for Medical Ethics & Law, a Type 1 Centre in the Department of Medicine, with 3 administrative assistants, a program co-ordinator and 33 part-time lecturers.
  - Associate Professor and Head: Centre for Medical Ethics and Law, Department of Medicine, Faculty of Medicine and Health Sciences, University of Stellenbosch.
  - Promoted to Professor in the Department of Internal Medicine: since January 2015

#### **5. MEMBERSHIP OF PROFESSIONAL BODIES/ASSOCIATIONS:**

- Member: Scientific Advisory Committee of EDCTP (The Hague, Netherlands)
- Chair: REC of the South African Medical Research Council (MRC)
- Member: Academy of Science of South Africa (ASSAf)
- Member: ASSAf Consensus Working Group on Ethical, Legal and Social Issues related to Human Genetics and Genomics in South Africa
- Member: H3Africa Steering Committee
- Member: International AIDS Society (IAS) HIV Cure International Scientific Working Group
- Member: SAGE Working Group on Ebola Vaccines and Vaccinations (WHO)
- Vice-Chair and Member of the Executive Committee of the Women’s Forum at Stellenbosch University
- Member: National Health Research Ethics Council (NHREC) – appointed by the Minister of Health – 2010 to 2012
- Board Member – South African Medical Research Council (MRC) – appointed by the Minister of Health – 2011-2014
- Member SAGE working group: Immunisation in Humanitarian Crises for the World Health Organization (WHO)
- Research Fellow – Brocher Foundation, Geneva, Switzerland
- Member: National Institutes of Health (NIH), Division of AIDS (DAIDS) African Research Data Safety & Monitoring Board (DSMB), Bethesda, USA

- Chair: Selection Committee for MRC Merit Awards, South African Medical Research Council
- Member of the Research Subcommittee of the Board, Pathcare
- Member of the Editorial Board – SA Family Practice Journal
- Vice Chair – Committee for Clinical Trials – University of Stellenbosch
- Member: Ethics Advisory Board – Netcare Private Hospital
- Founding Member: Tygerberg Hospital Clinical Ethics Committee
- Member: National Institutes of Health (NIH), Division of AIDS (DAIDS) Preventive Research Data Safety & Monitoring Board (DSMB), Bethesda, USA
- Member EDCTP (European and Developing Countries Clinical Trial Partnership) – Scientific Review Committee – The Hague, Netherlands
- Vice Chair of the Executive Committee - SA Academy of Family Practice (Western Cape)
- Member of the Committee for Pharmaceutical Trials (Research Ethics Committee) - Tygerberg Hospital, University of Stellenbosch
- Vice-Chair – Tygerberg Clinical Ethics Group

#### 6. AWARDS, PRIZES AND GRANTS:

- **1995:**
  - Admitted as Fellow of the College of Family Physicians of SA. Claude Leon Harris medal awarded for outstanding performance in the national examination.
- **2003:**
  - Wellcome Trust – R50 000 for GCP Training
- **2005:**
  - SAMRC – R30 000 for Paediatric HIV Disclosure Project
- **2006:**
  - SAMRC – R50 000 for Informed Consent Study
  - EDCTP – 70,000 euro (R700 000) Capacity Development ERECCA internet based GCP Refresher – ERECCA is still in use in South Africa.
  - Harry Crossley - R15 000 for Paediatric HIV Disclosure Project
- **2007:**
  - Research Assistance Grant – R20 000 – Paediatric HIV Disclosure Project
  - Interfaculty Research Collaboration Grant from Subcommittee A – University of Stellenbosch - Grant of R100 000 awarded to Bioethics Unit and Department of Psychology for research collaboration across faculties
- **2010:**
  - Research assistance grant – R20 000 – Paediatric HIV Disclosure Study

- **2011:**
  - Principal Investigator – R25 grant - Fogarty International Centre, NIH, Advancing Research Ethics Training in Southern Africa (ARESA) program 2011-2016: Value: R17 million
- **2012:**
  - Strategic Funding Grant – Stellenbosch University – R100 000
- **2013:**
  - Principal Investigator - R01 NIH Grant – HIV Cure Research – Ethics & Social Challenges: R8 million and Harry Crossley Funding – R17 500
- **2014:**
  - Medi-Clinic Donation - R100 000 – awarded to the Centre for Medical Ethics & Law
  - NRF Funding R40 000.
- **2015:**
  - NIH ELSI grant for Ethics in Genomics – NIH R1.6 million
  - NRF Funding – R40 000.
- **2016:**
  - NRF Funding – R40 000.
- **2017:**
  - NIH D43 Grant to develop a Leadership Program in Bioethics in Africa – R14 million
  - NRF Funding –R30 000.

## 7. SCHOLARSHIPS:

- **2000:** Harvard University – Executive Development Program – Ethical Issues in International Health Research
- **2001:** Fogarty Fellowship – first semester of MSc Epidemiology (HIV/AIDS) course and coursework in HIV ETHICS – University of Columbia, New York – Sept 2001 – Dec 2001
- **2003:** Harvard University – International Health Research Ethics, School of Public Health, Boston – ICORHTA GRANT
- **2006:** Public Responsibility in Medicine & Research (PRIM&R) – Annual Meeting Washington DC.
- **2007:** Public Responsibility in Medicine & Research (PRIM&R) – Annual Meeting Boston – EDCTP grant.



- **2012:** Brocher Foundation, Geneva Switzerland – Visiting Researcher – 2 -28 July

#### **8. SUPERVISION OF HIGHER DEGREES:**

COMPLETED:

<b>Candidate:</b> Dr C. F. Madikiza
<b>Degree:</b> Masters in Family Medicine (MFam Med)
<b>Topic:</b> HIV/AIDS Awareness amongst Black South African patients attending a general practice in Guguletu, Western Cape, South Africa
<b>Awarded:</b> 2003

<b>Candidate:</b> Professor Lesley Burgess
<b>Degree:</b> Postgraduate Diploma in International Health Research Ethics – University of Cape Town
<b>Topic:</b> IRBs Monitoring Function: Guidelines for monitoring of clinical research by an IRB
<b>Awarded:</b> 2004

<b>Candidate:</b> Dr Clive Mogajane
<b>Degree:</b> Masters in Family Medicine – University of Stellenbosch
<b>Topic:</b> Informed Consent - are patients adequately informed pre-operatively? Empirical research at a district hospital in Mpumalanga, South Africa.
<b>Awarded:</b> 2009

<b>Candidate:</b> Baheya Najaar
<b>Degree:</b> Masters in Human Nutrition – University of Stellenbosch
<b>Topic:</b> Knowledge, beliefs and practices of dieticians and doctors in South Africa on the use of the internet in healthcare – A pilot study
<b>Awarded:</b> 2009

<b>Candidate:</b> Prof S. Naidoo
<b>Degree:</b> Postgraduate Diploma in International Health Research Ethics – University of Cape Town
<b>Topic:</b> Clinical Photography in Dentistry – Ethical Challenges
<b>Awarded:</b> 2010

<b>Candidate:</b> Dr Louis Heyns
<b>Degree:</b> Masters in Philosophy: Health Sciences Education, Faculty of Health Sciences, Stellenbosch University

**Topic:** Undergraduate teaching and assessment needs in ethics and professionalism on clinical ward rounds involving medical students, Faculty of Health Sciences, Stellenbosch University

**Awarded:** 2012

**Candidate:** Advocate Jamwell Maswanganyi

**Degree:** Postgraduate Diploma(Health Research Ethics), Faculty of Health Sciences, Stellenbosch University

**Topic:** Is the researcher-participant relationship in clinical research a contractual relationship?

**Awarded:** 2012

**Candidate:** Dr Geremew Tsegaye

**Degree:** Postgraduate Diploma(Health Research Ethics), Faculty of Health Sciences, Stellenbosch University

**Topic:** Developing standard operating procedures for biobanking at a Research Ethics Committee in Ethiopia

**Awarded:** 2012

**Candidate:** Dr Ronell Leech

**Degree:** Postgraduate Diploma(Health Research Ethics), Faculty of Health Sciences, Stellenbosch University

**Topic:** Complexities in biological sample use in research: perspectives of REC members in Gauteng

**Awarded:** 2012

**Candidate:** Sabina Luputa

**Degree:** Postgraduate Diploma(Health Research Ethics), Faculty of Health Sciences, Stellenbosch University

**Topic:** Extrapolating principles of corporate governance to research ethics committees: perspectives from Zambia

**Awarded:** 2012

**Candidate:** Jane Nabbuto

**Degree:** Postgraduate Diploma(Health Research Ethics), Faculty of Health Sciences, Stellenbosch University

**Topic:** Advancing the ethics/science debate: An analysis of decision letters issued by an institutional research ethics committee in Uganda

**Awarded:** 2012

**Candidate:** Margaret Ellis

**Degree:** Postgraduate Diploma(Health Research Ethics), Faculty of Health Sciences, Stellenbosch University

**Topic:** Pharmacogenetic informed consent: perspectives from participants at private clinical research sites in Gauteng, South Africa

**Awarded:** 2012

**Candidate:** Dr Tina Malan

**University:** University of Stellenbosch

**Topic:** Phase 3 oncology clinical trials in South Africa: experimentation or therapeutic misconception

**Awarded:** 2013

**Candidate:** Dr Alwyn Mwinga

**University:** University of Stellenbosch

**Topic:** Engagement of communities and community advisory boards in clinical trials in Lusaka, Zambia: identification of best practices and lessons learned

**Awarded:** 2013

**Candidate:** Dr Christine Wasunna

**University:** University of Stellenbosch

**Topic:** Data sharing in international collaborative research in Africa

**Awarded:** 2013

**Candidate:** Dr Tyson Welzel

**University:** University of Stellenbosch

**Topic:** Data sharing in medical research: beliefs and opinions of researchers utilising a research ethics committee in the Western Cape, South Africa

**Awarded:** 2015

**Candidate:** Dr Sunita Potgieter

**University:** University of Stellenbosch

**Topic:** Issues in Public Health Ethics: Advancing the public debate on the “low carbohydrate, high fat” dietary approach as a case study

**Awarded:** 2014

**Candidate:** Mr George Chingarande

**University:** University of Stellenbosch

**Topic:** A comparative analysis of the compensation for research related injury policies of Brazil, Russia, India, China and South Africa

**Awarded:** 2014

<b>Candidate:</b> Dr Shenuka Singh
<b>University:</b> University of Stellenbosch
<b>Topic:</b> Policy and Ethical Considerations for an Institution-Based Small Scale Biobank
<b>Awarded:</b> 2015

<b>Candidate:</b> Dr Gonasagrie Nair
<b>University:</b> University of Stellenbosch
<b>Topic:</b> Evaluation of comprehension of an educational video about HIV Cure research among patients and caregivers from a HIV clinic in the Western Cape, South Africa and participants enrolled in an HIV acute infection study in KwaZulu Natal, South Africa
<b>Awarded:</b> 2015

<b>Candidate:</b> Dr Retha Visagie
<b>University:</b> University of Stellenbosch
<b>Topic:</b> A SOAR analysis as an innovative strategic framework for research ethics committees
<b>Awarded:</b> 2015

<b>Candidate:</b> Melody Phiri-Shana
<b>University:</b> University of Stellenbosch
<b>Topic:</b> Use of Residual Bio-specimens in Research: Guidance for Zimbabwe
<b>Awarded:</b> 2016

#### PhD Supervisor

<b>Candidate:</b> Mrs E.J. de Villiers
<b>University:</b> University of Namibia
<b>Topic:</b> Reviewing the theory and practice of professional nursing ethics education in Namibia and South Africa
<b>Progress:</b> graduated March 2015
<b>Candidate:</b> A/Prof Shenuka Singh
<b>University:</b> University of Kwa-Zulu Natal
<b>Topic:</b> Developing online educational modules on the ethical, legal and social issues related to biobanking – a resource tool for researchers, clinicians and REC members in South Africa
<b>Progress:</b> year 1 – protocol development complete
<b>Candidate:</b> Dr Theresa Burgess
<b>University:</b> University of Cape Town
<b>Topic:</b> An ethical analysis of female adolescent sexual and reproductive healthcare and research in South Africa
<b>Progress:</b> year 1 - protocol development complete

**CURRENT:**

**PhD** co-supervisor

<b>Candidate:</b> Prof Sharon Kling
<b>University:</b> University of Stellenbosch
<b>Topic:</b> Clinical ethics consultation in South Africa: A critical appraisal of the role and functioning of clinical ethics committees
<b>Progress:</b> Writing up chapters

**MPhil – Applied Ethics – University of Stellenbosch**

<b>Candidate:</b> Dr Farayi Moyana, Dental Surgeon, Harare, Zimbabwe
<b>University:</b> University of Stellenbosch
<b>Topic:</b> A philosophical perspective of the ethical issues affecting the Zimbabwe health care system.
<b>Progress:</b> Graduated 2017

<b>Candidate:</b> Christian Pieters
<b>University:</b> University of Stellenbosch
<b>Topic:</b> Sufficient maturity in minors consenting to medical treatment
<b>Progress:</b> Graduated 2018

**EXTERNAL EXAMINER**

- **University of Mauritius, Faculty of Science**

**POSTGRADUATE EXTERNAL EXAMINER**

- **MPH thesis:** “Stakeholder perceptions on the ethics of qualitative research in Ghana” – for Prof Doug Wassenaar - SARETI (2009)
- **MMedSc thesis:** “Development of a pathology supported genetic test for improved clinical management of patients diagnosed with Multiple Sclerosis”- for Prof Maritha Kotze and Prof Janse van Rensburg, Dept of Chem Path, Stellenbosch University (2010)
- **MPhil thesis:** “Perception of research misconduct amongst obstetricians and gynaecologists in Nigeria”- for Dr Theresa Rossouw, University of Pretoria (2011)

**POSTGRADUATE INTERNAL EXAMINER**

- **PhD dissertation:** “Moral Responsibilities for Prenatal Harm to Children: The Case of Fetal Alcohol Syndrome”- Jillian Gardner, University of Stellenbosch (2015)
- **PhD dissertation:** “Ethical considerations in paediatric vaccination using MMR as a case study” – Johan Bester, University of Stellenbosch (2016)

## 9. RESEARCH OUTPUT: Publications

### International journals:

1. **Moodley K.** HIV vaccine trial participation in South Africa – an Ethical Assessment. **Journal of Medicine and Philosophy, 2002**; 22:197-216.
2. **Moodley K, Myer L, Pather M.** Informed consent and participant perceptions of influenza vaccine trials in South Africa. **Journal of Medical Ethics, 2005**; 31:727-732.
3. **Moodley K.** Ethical Issues related to the Orange Farm Study. **PLoS Medicine, 2006.**
4. Myer LM, **Moodley K, Cotton M.** Health care providers' perspectives on discussing HIV status with infected children. **J Tropical Paediatrics, 2006**; 52(4):293-295.
5. **Moodley K.** Teaching ethics to medical undergraduate students in post-apartheid South Africa. **Journal of Medical Ethics, 2007**, 33(11):673-677.
6. **Moodley K, Myer L.** Health Research Ethics Committees in South Africa 12 years into democracy. **BMC Medical Ethics, 2007**, 8:1.
7. Lesch A, Swartz L, Kagee A, **Moodley K, Kafaar Z, Myer LM, Cotton M.** Paediatric HIV/AIDS disclosure: towards a developmental and process-oriented approach. **AIDS Care, 2007**, 19:811-816.
8. **Moodley K.** Microbicide research in developing countries: have we given the ethical issues due consideration? **BMC Medical Ethics, 2007**, 8:10.
9. **Moodley K.** An investigator's perspective on litigation in clinical trial research. **The Monitor, 2008**, 22(6):68-72.
10. London L, Kagee A, **Moodley K, Swartz L.** Ethics, human rights and HIV vaccine trials in low income settings. **Journal of Medical Ethics, 2012**, 38:286-293.
11. Van Schalkwyk G, De Vries J, **Moodley K.** "It's for a good cause, isn't it?" – Exploring views of South African TB research participants on sample storage and re-use. **BMC Medical Ethics, 2012**, 13 (1):19.
12. **Moodley K, Hardie K, Selgelid MJ, Waldman RJ, Strebel P, Rees H, Durrheim D.** Ethical considerations for vaccination programs in acute humanitarian emergencies. **Bulletin of the World Health Organization, 2013**, 91:290-297.
13. Rowe K, **Moodley K.** Patients as consumers of healthcare. **BMC Medical Ethics, 2013**, 14:15
14. Williams JR, Sprumont D, Hirtle M, Adebamowo C, Braunschweiger P, Bull S, Burri C, Czarkowski M, Te Fan C, Franck C, Gefenas E, Geissbuhler A, Klingmann I, Kouyaté B, Kraehenbuhl J, Kruger M, **Moodley K, Ntoumi F, Nyirenda T, Pym A, Silverman H, Tenorio S.** Consensus standards for introductory e-learning courses in human participant research ethics. **Journal of Medical Ethics, 2013**, 0:1-3. doi:10.1136/medethics-2013-101572.
15. Staunton C, **Moodley K.** Challenges in Biobank Governance in Sub-Saharan Africa. **BMC Medical Ethics, 2013**; 14(1).
16. **Moodley K, Sibanda NB, February K, Rossouw T.** "It's my blood":ethical complexities in the use, storage and export of biological samples: perspectives from South African research participants. **BMC Medical Ethics, 2014**; 15:4.
17. Juergens C, de Villiers PJT, **Moodley K, Jayawardene D, Jansen KU, Scott DA, Emini EA, Gruber WC, Schmoele-Thoma B.** Safety and immunogenicity of 13-valent pneumococcal conjugate vaccine formulations with and without aluminium phosphate and comparison of the formulation of choice with 23-valent

- pneumococcal polysaccharide vaccine in elderly adults: a randomized open-label trial. **Human Vaccine and Immunotherapeutics**, 2014; 10(5).
18. Tucker JD, Rennie S, and the Social and Ethical Working Group on HIV Cure. Social and ethical implications of HIV cure research. **AIDS**, 2014; doi: 10.1097/QAD.0000000000000210
  19. Beyer C, Staunton CS, **Moodley K**. The implications of methylphenidate use in healthy medical students and doctors in South Africa. **BMC Medical Ethics**, 2014, 15:20.
  20. Silverman H, Sleem H, **Moodley K**, Kumar N, Naidoo S, Jaafar R, Moni M. Results of a Self-Assessment Tool to Assess Operational Characteristics of Research Ethics Committees in Developing Countries". **Journal of Medical Ethics**, 2015; 41:332-337.
  21. Rennie S, Siedner M, Tucker JD, **Moodley K**. The ethics of talking about 'HIV cure'. **BMC Medical Ethics**, 2015; 16:18
  22. Mwinga A, **Moodley K**. Engaging with Community Advisory Boards (CABs) in Lusaka Zambia: perspectives from the research team and CAB members. **BMC Medical Ethics**, 2015; 16:39
  23. **Moodley K**, Kling S, Dual Loyalties, Human Rights Violations, and Physician Complicity in Apartheid South Africa. **American Medical Association Journal of Ethics**, 2015; 17(10): 966-9
  24. **Moodley K**, Staunton C, De Roubaix M, Cotton M, HIV Cure Research in South Africa: A preliminary exploration of stakeholder perspectives. **AIDS Care**, 2015;13:1-4
  25. Malan T, **Moodley K**. Therapeutic Misconception in Oncology Trials in South Africa, **J of Empirical Research Ethics**, 2015, 11(1):47-56.
  26. **Moodley K**, Rossouw T, Staunton C, Colvin CJ. Synergies, tensions and challenges in HIV prevention, treatment and cure research: exploratory conversations with HIV experts in South Africa. **BMC Medical Ethics**, 2016, 17:26.
  27. **Moodley K**, Singh S. "It's all about trust": reflections of researchers on the complexity and controversy surrounding biobanking in South Africa. **BMC Medical Ethics**, 2016, 17:57.
  28. Deeks S, Lewin SR, Ross AL, Ananworanich J....**Moodley K**...et al. International AIDS Society global scientific strategy: towards an HIV cure 2016. **Nature Medicine**, 2016, 22: 839-850.
  29. Ganya W, Kling S, **Moodley K**. Autonomy of the child in the South African setting: is a 12 year old of sufficient maturity to consent to medical treatment? **BMC Medical Ethics**, 2016, 17:66.
  30. **Moodley K** and Rennie S. Penile transplantation as an appropriate response to botched traditional circumcisions in South Africa: an argument against- **Journal of Medical Ethics**, 2017- doi: 10.1136/medethics-2016-103515
  31. Rennie S, **Moodley K**. The paywall as metaphor and symptom. **The American Journal of Bioethics**, 2017, Vol 17:10, 17-18
  32. Moodley, K. Legitimacy, Trust and Stakeholder Engagement: Biobanking in South Africa. **Asian Bioethics Review**, 2017, 9:325–334

33. Staunton C, Tindana P, Hendricks M and **Moodley K**. Rules of engagement: stakeholder perspectives on community engagement for genomic biobanking research in South Africa. **BMC Medical Ethics, 2018, 9:13**
34. Staunton C, **Moodley K**. Ethical challenges in developing an educational video to empower potential participants during consent processes in HIV cure research in South Africa. **J of Virus Eradication, 2018.**
35. Hendricks M, Nair G, Staunton C, Pather M, Baatjies D, Kidd M, **Moodley K**. Evaluation of the impact of an educational video as a consent tool on knowledge about cure research among patients and caregivers from clinics in the WC and KZN, South Africa. **J of Virus Eradication, 2018.**
36. Chingarande GR, **Moodley K**. Disparate compensation policies for research related injury in an era of multinational trials: A case study of Brazil, Russia, India, China and South Africa. **BMC Medical Ethics, 2018. 19:8**

**National journals:**

37. **Moodley K**. Preventing perinatal HIV transmission – does the end justify the means? (Letter) **S Afr Med J 1998; 88(7):809-810.**
38. **Moodley K**, Barnes JM, de Villiers PJT Constraints facing the female medical practitioner in private family practice in the Western Cape **S Afr Med J 1999;89(2):165-169**
39. **Moodley K**. Family Practice Ethics - Postmodern Ethics for a Postmodern Discipline? **SA Fam Prac J, 2000; 22(2):5-9.**
40. **Moodley K**. Physician Assisted Suicide – An Oxymoron?(Letter) **S Afr Med J, 2000;90(7):657**
41. **Moodley K**. Multiple Sclerosis: are we missing the diagnosis in South Africa? **SA Fam Prac J, 2000;22(3):32**
42. **Moodley K**, Barnes JM, Janse van Rensburg E, Myer L HIV Vaccine Trial Participation in SA – Concerns of Medical Professionals in the Western Cape. **S Afr Med J, 2002; 92(11):904-906.**
43. **Moodley K**. 14th International AIDS Conference – Barcelona 7-12 July 2002, **SADJ 2002; 57(11):441-442.**
44. Jobson R, **Moodley K**. Ethics Vignettes. **S Afr Family Practice Journal, 2002,25(6):21-25**
45. Jobson R, **Moodley K**. Managing HIV and AIDS: From Betty’s Bay to Barcelona. **S Afr Family Practice Journal, 2002,26(1):15-20**
46. **Moodley K**, Myer L Participant remuneration for research – how much is enough? [Scientific Letter] **SAMJ, 2003; 93(9):677-678.**
47. **Moodley K**. Myer L, Michaels D and Cotton M. Paediatric HIV Disclosure in South Africa: Caregivers’ Perspectives on discussing HIV with infected children. [Scientific Letter] **SAMJ, 2006; 96; (3):201-202.**
48. **Moodley K**. Ethics in clinical practice: an overview. **CME, 2006; 24(1):30-34.**
49. **Moodley K**. Ethics, Law and Human rights: A South African Perspective (Guest Editorial). **CME, 2006; 24(1):5.**



50. **Moodley K.** Feticide and Late Termination of Pregnancy: Five levels of ethical conflict. **O&G Forum, 2008**; 18(3):93-95.
51. **Moodley K.** Moral and ethical issues in monitoring a foetus in a woman with advanced stage HIV infection – ethical dilemmas. **SA Journal of Obstetrics and Gynaecology, 2008**; 14(1):26.
52. **Moodley K.** The ethics of feticide and late termination of pregnancy. **SA Journal of Obstetrics and Gynaecology, 2008**; 14(1):28.
53. **Moodley K, Naidoo S.** Ethics in dental practice: Part 1. **SADJ, 2010**; 65(2):84 -85.
54. **Moodley K, Naidoo S.** Ethics in dental practice: Part 2. **SADJ, 2010**; 65(3):132-133.
55. Van Schalkwyk G, **Moodley K.** Medical Mistakes – a student’s perspective. **SA J Bioethics Law, 2011**; 4(2):52-54.
56. **Moodley K, Rennie S.** Advancing Research Ethics Training in Southern Africa (ARESA). **SAJBL, 2011**; 4(2):104 – 105.
57. **Moodley K.** Generalism in healthcare: Ethical challenges in the 21st century. **South African Family Practice Journal, 2013**; 55(5):410-411.
58. **Moodley K.** The Fabricius decision on the Stransham-Ford case – an enlightened step in the right direction. **SAMJ, 2015**;105(6):434-435
59. Staunton C, **Moodley K.** Data mining and biological sample exportation from South Africa: A new wave of bioexploitation under the guise of clinical care? (Editorial) **SAMJ, 2016**; 106, (2):136-138
60. Sidler D, Earp D, Van Nierkerk A, **Moodley K, Kling S.** Targeting mothers and selling men what they do not want: A response to “Missed opportunities for circumcision of boys” - **SAMJ, 2017**
61. **Moodley K.** Mandela’s last years: a narrative shrouded in conflict and assumption. **The Conversation, June 2017**
62. **Moodley K.** Archbishop Desmond Tutu: the essence of what it means to be human. **The Conversation, October 2017**

## 10. BOOKS

63. **Moodley K, Naidoo S.** Ethics and the Dental Team (2010) Van Schaik Publishers.
64. **Moodley K[Ed].** Medical Ethics, Law and Human Rights: a South African Perspective (2011) Van Schaik Publishers.
65. **Moodley K[Ed].** Medical Ethics, Law and Human Rights: a South African Perspective- 2<sup>nd</sup> Edition (2017) Van Schaik Publishers.

## 11. CHAPTERS IN BOOKS

66. **Moodley K.** Family Medicine Ethics in "Handbook for Family Medicine “ (2000) – Oxford University Press, 1st edition
67. **Moodley K.** Family Practice Ethics in “The South African Handbook of Forensic Medicine, Medical Law and Bioethics”, (2001) Butterworth

68. **Moodley K.** HIV Vaccine Trial Participation in South Africa – an ethical assessment in “Ethics and AIDS in Africa” by Anton Van Niekerk and Loretta Kopelman, (2005) New Africa Books
69. **Moodley K.** HIV Vaccine Trial Participation in South Africa - An Ethical Assessment in “Ethical Health Care” by Patricia Illingworth and Wendy E Parmet. (2006) Pearson Prentice Hall
70. **Moodley K.** Informed Consent in “South African Family Practice Manual” (2006) – Van Schaik Publishers.
71. **Moodley K.** Family Medicine Ethics in "Handbook for Family Medicine"(2006) –, 2nd edition. Oxford University Press.
72. **Moodley K.** Ethics in Gynaecology in “Clinical Gynaecology” Editors; TF Kruger HM Botha. pages 638- 647 (2007) Juta, Cape Town
73. **Moodley K,** Myer LM Health Research Ethics Committees in South Africa 12 years into Democracy in “Medical Ethics Issues and Implications” by AK Pain [Ed] (2008) Icfai University Press, India.
74. **Moodley K.** Informed Consent in “SA Clinical Nurse Practitioners Manual” (2009) – Van Schaik Publishers.
75. **Moodley K.** Ethics in Gynaecology in Clinical Gynaecology Editors; TF Kruger HM Botha. Ethics in Gynaecology pages 638- 647 (2010) 2nd edition Juta, Cape Town
76. **Moodley K.** Family Medicine Ethics in "Handbook for Family Medicine" (2010) – Oxford University Press, 3rd edition.
77. **Moodley K.** Disaster Research Ethics: a South African Perspective – in “Disaster Research” (2013) Springer
78. **Moodley K,** Kling S, Roussouw T. Ethics in “Handbook of Internal Medicine” (2014) – Editor Prof R.M. Moosa – (submitted for editing)
79. **Moodley K.** Standards of Care in “Encyclopaedia of Bioethics”. Edited by Henk ten Have. Springer. (2015)
80. **Moodley K.** Clinical Ethics in “Encyclopaedia of Bioethics”. Edited by Henk ten Have. Springer. (2015)

## 12. PROFESSIONAL PRESENTATIONS

### International:

#### 2002

- 7 – 12 July - “HIV Vaccine Trial Participation in South Africa – Concerns of Medical Professionals in the Western Cape” 14th International AIDS conference – **Barcelona, Spain.**

#### 2003

- 14 November – NIH IRB Training in **Gaborone, Botswana** (invited speaker)

## **2004**

- 3 – 4 March - Care of HIV positive Participants on HIV Vaccine Trials, **New Delhi, India** (invited speaker)
- 30 April - HIV Think-Tank, Harvard, **Gaborone, Botswana**
- 16 June - Informed Consent – Empirical Research from South Africa, **Harvard University, Boston, USA** (invited speaker)
- 22 June - Informed Consent – International AIDS Vaccine Initiative (IAVI), **New York, USA** (invited speaker)
- 15 July - Paediatric HIV disclosure in SA – Perspectives of Caregivers on discussing HIV with infected children. HIV Conference, **Bangkok, Thailand**
- 28 October – Informed Consent in Africa – **Nairobi, Kenya**, IAVI Meeting (invited speaker)
- 29 October – Care of HIV Positive Trial Participants – **Entebbe, Uganda** IAVI (invited speaker)

## **2005**

- 16-17 May - Participant Remuneration in Research presented at a “Workshop on Informed Consent in HIV Prevention Trials” Population Council and Family Health International, **New York, USA** (invited speaker)
- 2-3 June – Ethical Issues in Microbicide Trials – WHO-IPM Meeting on “Regulatory Review and Approval of Microbicides in SADC Region, **Muldersdrift, South Africa** (invited speaker)

## **2006**

- 1-3 March – Safety Issues in Microbicide Research: Ethical Concerns – HPTN safety meeting, **Bethesda, Maryland, USA** (invited speaker)
- 6-9 August – MDR TB, public health ethics and the law; Microbicide Safety Issues – the ethical concerns, 8th World Congress of Bioethics, **Beijing, China**
- 15 – 19 November – HIV research in resource scarce settings. Public Responsibility in Medicine & Research (PRIM&R), **Washington DC, United States**

## **2007**

- 16 - 17 March – HIV Ethics – Namibian HIV Clinicians Society Annual Meeting, **Windhoek, Namibia** (invited speaker).
- 29 April – 2 May – HIV and Assisted Reproduction: Ethical Dilemmas - IFFS – Fertility and Sterility Conference, **Durban, South Africa** (invited speaker).
- 26 October – GCP Training in Africa – African Organisation for Research and Training in Cancer (AORTIC), ICC, **Cape Town, South Africa** (invited speaker).

## **2008**

- 2-5 Dec -Domiciliary Consent in a Community based Tuberculosis Prevention study in South Africa. Global Forum on Bioethics in Research, **Auckland, New Zealand**.

## **2011**

- 12 March – End of Life Issues, 4th Pan African Pain Congress, ICC **Cape Town, South Africa** (invited speaker)
- 4-5 April – Anticipating ethical concerns during disaster research: perspectives from South Africa. Brocher Foundation, **Geneva, Switzerland** (invited speaker)
- 20 September – Immunisation in Humanitarian Crises: Ethical& Legal Issues, SAGE working group, World Health Organisation, **Geneva, Switzerland**

- 2 December – The Ethics of HIV Preventive Research: Experiences in South Africa, Bioethics Center, University of **North Carolina-Chapel Hill, United States** (invited speaker)
- 2 December – Biological Sample and Data Transfer Across Borders – Public Responsibility in Medicine and Research (PRIMR) Annual Conference, National Harbour, **Maryland, United States**

## **2012**

- 26 -29 June - Assessing and enhancing the functions of Research Ethics Committees in the developing world. 11th World Congress of Bioethics, **Rotterdam, Netherlands**  
Presenters: Prof Henry Silverman (University of Maryland and PI of the Fogarty MERETI program), Prof Keymanthri Moodley (University of Stellenbosch and PI of the Fogarty ARESA program), Thabo Molebatsi (ARESAs trainee), Dr Hany Sleem and Dr Amal Matar (MERETI trainees)
- 12 July – Biobanking and Ethics, World Health Organisation, Ethics Seminar, **Geneva, Switzerland** (invited speaker)
- 21 July – Research Logistics: Managing Data and Specimens, Ethical Considerations in HIV Genetics Research from an International Perspective, Office of AIDS Research, NIH, **Washington DC, USA** (invited speaker)

## **2013**

- 17 January - Developing standards for online training in research ethics and good clinical practice: the ERECCA program in South Africa, Brocher Foundation, **Hermance, Switzerland** (invited speaker)
- 16 July – Achievements of the Centre for Medical Ethics and Law, Stellenbosch University: 2003 to 2013. WHO Bioethics Collaborating Centre Network meeting, **University of Toronto, Canada** (invited speaker)

## **2014**

- 2 April - Decision-making involving children in low resource settings, International Expert Consultation on Vulnerability in Research with a focus on children, **National University of Singapore** (invited speaker)
- 6 May – Pluralistic Perspectives on HIV Cure in South Africa, Brocher Foundation, **Hermance, Switzerland**
- 7 May – Intended and Unintended consequences of HIV Cure Research: empirical work from South Africa, Brocher Foundation, **Hermance, Switzerland**
- 28 May – International Sharing of Biological Samples in Research, WHO Consultation on Public Health Surveillance, Brocher Foundation, **Hermance, Switzerland**
- 25 June – Biobanking in Africa Symposium, World Bioethics Congress, **Mexico City, Mexico**
- 4 September – Pluralistic perspectives of autonomy in Africa (Plenary). International Dental Ethics and Law Society (IDEALS) Conference, Table Bay Hotel, V & A Waterfront, **Cape Town, South Africa.**

## **2015**

- 22 April – Ethical considerations regarding vaccination during humanitarian crises (plenary). 19<sup>th</sup> World Conference on Disaster and Emergency Medicine. International Convention Centre. **Cape Town, South Africa.**

- 24 April – Research during humanitarian crises. 19<sup>th</sup> World Conference on Disaster and Emergency Medicine. International Convention Centre. **Cape Town, South Africa.**
- 17 June – Biobanking in Africa: Ethical challenges. Brocher Alumni Meeting. **Hermance, Switzerland.**
- 18 July – Stakeholder perspectives on HIV cure research in South Africa. 8th IAS Conference on HIV Pathogenesis, Treatment and Prevention, 19-22 July, **Vancouver, Canada**
- 1 October - Ethical issues across cultures: examining end of life conflict in South African healthcare. University of **North Carolina – Chapel Hill, USA**
- 6 October – Biobanking in South Africa, Stone Lodge, NIH, **Bethesda, Maryland, USA**
- 17 November – Developing a culture of safety for the benefit of patients and society: the ethical issues. Brocher Foundation, **Hermance, Switzerland.**
- 2 December – International Perspectives on Human Gene Editing: South Africa, International Summit on Human Gene Editing: A Global Discussion, US National Academy of Science, US National Academy of Medicine, Chinese National Academy of Science, **Washington DC, USA**

## **2016**

- 3 & 4 February – Risk- benefit assessment, Vulnerability in research and Reviewing clinical trials, Refresher Training on Research Ethics, Armauer Hansen Research Institute (AHRI), Ethiopian Ministry of Health, **Addis Ababa, Ethiopia**
- 29 February – Science advice with special focus on Synthetic Biology: South Africa, Inter Academy Partnership (IAP), International Conference on Science Advice, **Hermanus, Cape Town, South Africa**
- 17 June – Informed Consent in future HIV Cure Research in South Africa: anticipated challenges, 13<sup>th</sup> World Bioethics Conference, **Edinburgh, Scotland.**
- 29 September – Teaching Genetics and Genomics on a Health Research Ethics Program in Africa. Stone Lodge, NIH, **Bethesda, Maryland, USA**
- 29 September – Teaching African Philosophy on a Health Research Ethics Program in Africa. Stone Lodge, NIH, **Bethesda, Maryland, USA**
- 3 October 2016 – HIV cure research must be prioritized over treatment and prevention. **Yale University, New Haven, Connecticut, USA**
- 30 October 2016 – Challenges and Compromises in engaging communities in genomic biobanking in South Africa. **9<sup>th</sup> H3 Africa Consortium Meeting, Mauritius.**

## **2017**

- 21-23 March - Workshop theme: Refresher training on research ethics-Risk- benefit assessment, vulnerability in research and reviewing clinical trials. **12th World Congress Bioethics, Medical Ethics & Health Law. Cyprus**
- 25-27 May - Legitimacy, Trust & Community Engagement: Biobanking in South Africa. **International Conference on Clinical Ethics Conference Scientific Review Committee. Singapore**
- 13 – 15 September - Challenges and strategies for biobank regulation in transnational and global research: an African perspective. **Global Biobank Week. Stockholm, Sweden**
- 11-13 October- Ethical reflections on Biobanking & Bid Data. **WHO 9th Annual Meeting of the Global Network of WHO Collaborating Centres for Bioethics, Miami, USA**

**2018**

- 10 February 2018 – Development of an interactive educational program on HIV Cure for Community Engagement in South Africa, **University of North Carolina, Chapel Hill, USA.**

**National:**

**1998**

- SA Academy Congress- Sun City - Women in Medicine.

**2000**

- 26-27 August – Medical Ethics – an overview; Ethics Workshop; Ethical Issues relating to HIV/AIDS, 30th PMB CME CONGRESS – SAMA, Natal Midlands Branch
- 16 September – Medical Ethics: an introduction, MSD Arthritis Seminar, Knysna
- 23 September – RUDASA CONGRESS – Queenstown – Workshop – HIV/AIDS (Ethical Issues)
- 28-29 October– The Ethics of HIV/AIDS & Infertility, Ethics Symposium, Department of Obstetrics & Gynaecology, University of Natal –**2001**
- 13-17 May– Postmodern Ethics for a postmodern discipline, HIV/AIDS – an ethical exploration, HIV Vaccine Trials in South Africa, 16th WONCA World Congress, Durban.

**2002**

- 9 August – South African Medical Association “Research Ethics Course” – For 50 Psychiatrists in SA - Johannesburg
- 17 October – UNITRA – Ethics Conference, “An introduction to Medical Ethics” - Umtata
- 18 October – UNITRA – Ethics Conference, “HIV/AIDS – The Ethical Issues” - Umtata
- 8 November – AGCP – Johannesburg
  - What is GCP?
  - Research Ethics and Regulatory Approval
  - Ethical Care of Patients on a study

**2003**

- 11 April - GCP for CRAs (Donald Gordan Medical Centre, Johannesburg)
- 12 September - The Ethics of Human Cloning, SAMA, CME, Pietermaritzburg
- 13 September - Ethics in Family Medicine, Dept of Family Medicine, Nelson-Mandela School of Medicine

**2004**

- 17 August – Paediatric HIV Disclosure, South African Paediatric Association conference, International Convention Centre, Cape Town
- 18 October – Clinical Trials and Informed Consent, Biennial Lymphoma Conference, Constantiaberg Medi-Clinic, Cape Town

**2005**

- 2 September – Ethical Dilemmas in Clinical Practice and Research, Physicians Refresher Course – Stellenbosch

**2006**

- 9 October - Clinical Care and Research: The Ethical Nuances - Biennial Lymphoma Conference, Constantiaberg Medi-Clinic, Cape Town

**2007**

- 2-4 February – HIV Prevention Research: Ethical Conflicts – Fogarty International Program, CAPRISA, University of Kwa-Zulu Natal
- 2 and 3 August - Clinical Trial Litigation, SACCRA Annual Clinical Trial Conference. Johannesburg
- 13 and 14 August – Post Trial Treatment – Case Study Discussion, IRENSA Conference, Cape Town
- 29 October – Drug Resistant TB – ethical and legal challenges. FIDSSA (Federation of Infectious Diseases in South Africa) Conference, Spier, Cape Town.

**2008**

- 19, 20 April – The Ethics of Feticide and Late TOPs, SASUOG Conference, Imaging in Obstetrics & Gynaecology
- 19, 20 April - Monitoring a woman with advanced HIV disease in pregnancy – ethical dilemmas, SASUOG Conference on Imaging in Obstetrics & Gynaecology
- 29 August 2008 – Dental Research - Ethics & Regulation, IADR, Fountain Hotel, Cape Town

**2009**

- 23 January – Good Clinical Practice (GCP) Training in South Africa: REC perspective. SACRA Meeting, Pfizer, Sandton
- 6 August – Ethics of Medical Advisory Services, Arabella Sheraton, Kleinmond, Medical Advisors Group of South Africa

**2010**

- 24 February – Research Ethics in Phase 1 Clinical Trials – Parexel, Radisson Hotel, Port Elizabeth
- 19 May – Shaping the future of bioethics: challenges and expectations in patient recruitment – Patient Recruitment, South African Reserve Bank, Pretoria
- 31 July – Patient Confidentiality in Radiological Practice - is HIV status still relevant? Radiological Society of South Africa (RSSA) Ethics Seminar, Sandton.
- 6 October – Quality in Healthcare & Patient Safety, National Department of Health, Consultative Forum, Johannesburg
- 8 October – Ethics, Human Rights and Medical Law, CT and MRI Seminar, Department of Radiography, Cape Peninsula University of Technology

**2011**

- 6 March - Confidentiality and HIV in Radiology, SORSA Conference, ICC Durban Kwa-Zulu Natal
- 7 September – Foetal Therapy: Ethical and Legal Implications. Obstetricians and Gynaecologists, Durban, Kwa- Zulu Natal
- 18 November – Quality and Safety in Healthcare, Netcare Hospital Group, Eastern Cape.

**2012**

- 2 March - Ethics and Healthcare Funding – Hypertension Symposium, Hyatt, Rosebank, Gauteng
- 10 March – The Good Doctor – Medicross Annual CPD Meeting, Port Alfred, Eastern Cape
- 22 May – Ethics and Electronic Health Records, Discovery, Sandton Convention Centre, Gauteng

- 23 May – Ethics and Electronic Health Records, Discovery, Hilton Hotel, Durban, Kwa-Zulu Natal
- 25 May – The Doctor’s Master, KZNMCC Conference, Elangeni Hotel, Durban, Kwa-Zulu-Natal
- 30 August – Ethical complexities in the use, storage and export of biological samples: participant perspectives. 1<sup>st</sup> Annual ARESA Health Research Ethics Seminar, Southern Sun Newlands, Cape Town
- 31 August – Ethical challenges in HIV prevention research. 1<sup>st</sup> Annual ARESA Health Research Ethics Seminar, Southern Sun Newlands, Cape Town
- 4 September – Avoiding Litigation in Spinal Surgery, South African Orthopaedic Association Conference, Durban, ICC (plenary)

### **2013**

- 11 May - Generalism in healthcare: ethical implications. South African Academy of Family Practice, Annual National Conference, Cape Town.
- 23 October - Ethical Challenges in Clinical Trial Research, Guest Speaker, Young Researchers Symposium, College of Health Sciences, University of Kwa Zulu Natal.

### **2014**

- 31 August – To Err is Human: Ethical and Legal Implications, 45<sup>th</sup> Congress of the South African Society for Surgery of the Hand, Vineyard Hotel, Newlands, Cape Town
- 19 September – Neuroethics: an emerging discipline in Africa. 3<sup>rd</sup> Annual ARESA Health Research Ethics Seminar, Southern Sun Newlands, Cape Town.
- 19 November – Incidental Findings and their implications: whole genome sequence data. Southern African Human Genome Project, Pretoria, South Africa

### **2015**

- September – Researcher Perspectives on Biobanking in South Africa. 4th Annual ARESA Health Research Ethics Seminar, Southern Sun Newlands, Cape Town.

### **2016**

- May – Ethical Issues in Synthetic Biology, 5th Annual ARESA Health Research Ethics Seminar, The Vineyard Hotel, Cape Town.
- August – “When something goes wrong, we need to lose sleep over it” – building a culture of quality and safety in healthcare. SA Academy of Family Practice Annual Congress, River Club, Rondebosch, Cape Town.
- October – Where medical ethics and business ethics meet: conflicts and obligations in healthcare. Medical Protection Society (MPS) Ethics for All Conference. Cape Town International Convention Centre (ICC).

### **2017**

- 25 March – Pfizer Hidden Faces of Diabetes at the Hilton Hotel, Sandton, Gauteng
- 13 May - Is pain management necessary and sufficient to ensure death with dignity. Annual Pain SA Congress, Century City Conference Centre, Cape Town
- 5 November - Inequities in Healthcare in South Africa. SA2017 Imaging Conference ICC, Durban



**2018**

- 24 February – POPI Act of 2013: Implications in 2018, Pfizer Hidden Faces of Diabetes, Hilton Hotel, Sandton, Gauteng

**Local:**

**2004**

- 23 February - Basic Ethical Concepts, Tygerberg Medical School
- 21 March - Health & Human Rights Workshop, Red Cross Children's Hospital
- 24 March - The Ethics of Cloning, Department of Orthopaedics, Tygerberg
- 25 March - The Evolution of Moral Thinking, Train-the Trainers, Tygerberg
- 1 July - Respect for Patient Autonomy, Train-the Trainers, Tygerberg

**2005**

- 5 August - Implications of the National Health Act for Primary Health Care CHSO/PAWC, Jooste Hospital.
- 6 September – What it means to be a good doctor: The Olivieri Symposium. Haematology Educational Guild, University of Cape Town
- 5 – 28 October- Legal Issues in Research, Radiation Oncology, Tygerberg,

**2006**

- 9 February – An Introduction to Ethics in Research - Faculty of Health Sciences, University of Stellenbosch
- 23-24 February – Ethics in Bioinformatics - University of the Western Cape
- 3 April – Research Ethics – Underwater Medicine, Department of Community Health, Stellenbosch University
- 2 May –The Terri Shiavo Story – Haematology Guild, University of Cape Town
- 6 – 11 May – The National Health Act & its implications for GPs – Stellenbosch University GP Congress, Business School, Bellville
- 23 May - Duty to Care in Pandemics Annual GP Congress, Constantiaberg Mediclinic
- 9 June - Pandemic & Epidemic Planning – an ethical perspective, Stellenbosch, Meeting of Medical Superintendents, Western Cape.
- 22 June – Rehabilitation Ethics, Masters students, Centre for Rehabilitation, Stellenbosch University.
- 21 July – The Ethics of Pandemic Planning – Mediclinic, Stellenbosch
- 22 November – Duty to Care – Avian Influenza – Emergency Centre Conference, Lanzerac Hotel, Stellenbosch.

**2007**

- 12 February – An Introduction to Research Ethics, Underwater Medicine, Department of Community Health, Stellenbosch University
- 27 February – Hinduism and Business Ethics, B Acc students, University of Stellenbosch
- 2 March – Influences on ethical decision-making in the health sciences, Occupational Therapists Oath Taking Ceremony, JN De Villiers Hall, University of Stellenbosch
- 20 March - Whistleblowing & Telling Tales, Department of Psychiatry, Valkenberg Hospital.

- 3 May – Disclosure in the Health Care Environment, CPD Program PGWC, Jooste Hospital
- 11, 12 May - MDR TB – Ethical Issues, Physicians Refresher Course, Spier, Stellenbosch
- 21 June - Introduction to Research Ethics, MCur students, Department of Nursing, University of Stellenbosch
- 26 July – Distributive Justice & Influenza Pandemics, Medical Advisors Group, Western Cape
- 26 July – Bioethics: An Introduction, Philosophy Society, Diocesan College, Cape Town
- 25 October – The Olivieri Symposium, Tygerberg Ethics Discussion Group, Faculty of Health Sciences, University of Stellenbosch
- 16 November – The Ethics of Choice, Department of Obstetrics & Gynaecology, Faculty of Health Sciences, Tygerberg.
- 26 November – Integrative Medicine and Ethics, Business School, University of Stellenbosch

## **2008**

- 22 January – The Dental Consultation – Ethical & Legal Considerations, School of Dentistry, University of the Western Cape
- 12 February – Research Ethics: an Introduction, Underwater Medicine, Department of Community Health, University of Stellenbosch
- 28 February – Ethics in Health Sciences Teaching: The Hidden Curriculum, Tygerberg Ethics Discussion Group, Faculty of Health Sciences, University of Stellenbosch
- 28 February – Genetics and Ethics: A Case Study – Huntington’s disease, Philosophy Society, Diocesan College, Rondebosch
- 25 March – Ethics Issues in Genetic Research, Department of Genetics, UCT
- 22 April – Ethics of Choice in O&G, The TOGA group – Northern Suburbs, Louis Leipoldt
- 8 May – Research in Nursing – Ethical Challenges, Department of Nursing, University of Stellenbosch
- 21 June – Dental ethics – the challenges – UWC
- 23 July - Drug Resistant TB Ethical and legal issues – SAMA, Tygerberg Branch
- 26 August 2008 – Ethical & Legal implications for Medical Practice in SA – Panorama Hospital Specialist Group
- 17 September – Storage of Blood Samples, Department of Chemical Pathology, Tygerberg Hospital
- 3 October – Ethics of Choice – Karl Bremmer Hospital
- 3 October – Resolving ethical dilemmas – a case based approach, PGWC CPD program, Jooste Hospital
- 7 October – Unique ethical challenges in HIV Research, Department of Psychology Colloquim, University of Stellenbosch

## **2009**

- 21 January – Introduction to Bioethics, MFam Med Program, Department of Family Medicine, University of Stellenbosch
- 27 January – Ethics in the Dental Consultation, School of Dentistry, University of Western Cape
- 5 February - Research Ethics - an Introduction, Underwater Medicine, Department of Community Health, US
- 17 February - Rehabilitation Ethics, Masters students, Centre for Rehabilitation, University of Stellenbosch.

- 15 April – Clinical Governance and Corporate Ethics in Primary Health Care, South African Medical Association
- 21 April – The National Health Act: Ethical and legal implications for medical practice, Kraaifontein Medicross
- 4 May – Health Care Ethics: An Overview. GP Refresher Course, University of Stellenbosch
- 9 May – Is Ethics Important in Health Care? Private Practice GPs, GlaxoSmith Kline CPD Meeting, Nitida Estate, Durbanville
- 9 May - The Ethics of Choice in Health Care, Annual Congress, South African Academy of Family Practice, River Club, Rondebosch
- 11 June – Introduction to Research Ethics in Nursing - Masters in Nursing, Faculty of Health Sciences, University of Stellenbosch.
- 30 June – Ethics in Healthcare - Kraaifontein Medicross
- 22 July – Ethics of HIV Preventive Research and RECs in SA – MPhil Applied Ethics, Centre for Applied Ethics, University of Stellenbosch
- 3 September – Research Ethics and GCP - An introduction, MSc (Epidemiology), Faculty of Health Sciences, Tygerberg
- 18 September – Ethics and Genetics, Genetics Workshop, Faculty of Health Sciences.
- 29 October – Genetic Complexity and Ethics, Ethics Discussion Group, Faculty of Health Sciences, Tygerberg
- 30 October 2009 – Plastic Surgery – National Health Act and its implications for clinical practice, Department of Plastic Surgery, Tygerberg

## **2010**

- 23 January – Ethics in Radiology – Radiological Society of South Africa, Faculty of Health Sciences, Tygerberg
- 15 April - Ethics in Oncology – Oncology Unit, N1 City Hospital
- 8 May – Medical Mistakes in Family Practice – SA Academy of Family Practice, Riverside Club, Cape Town
- 11 May – Innovative Teaching in Bioethics – Teaching and Learning Conference, Stellenbosch Lodge
- 12 May – Clinical Trial Ethics – Research Ethics Seminar, Faculty of Health Sciences, Tygerberg
- 20 May – Medical Mistakes in Internal Medicine, Department of Medicine Seminar, Faculty of Health Sciences
- 25 May – To Err is Human – Kraaifontein Medicross, Cape Town
- 5 June – Ethics Alive: Health Care in South Africa in 2010, EMC Medical, University of Cape Town.
- 26 August - Medical Mistakes – Department of Internal Medicine, UCT
- 14 September – End of life Issues: when to stop invasive supportive care in patients with terminal illness. Department of Radiation Oncology, Tygerberg
- 30 November – Ethics and the use of biological samples in research, Department of Genetics, UCT

## **2011**

- 27 January – Termination of Pregnancy - Health and Human Rights Conference, UCT
- 2 March – Introduction to Health Research Ethics, University of the Western Cape
- 7 May – Clinical Ethical Dilemmas, SA Academy of Family Practice, River Club, Cape Town

- 26 May – An Update on Health Care Ethics, Medical Advisors Group, Pepper Club, Cape Town, Sponsor: Smith & Nephew
- 4 June – Patients as consumers of health care – ethical and legal implications, GPs and Diabetologists, Elli Lilly Symposium, Sante Spa, Paarl
- 20 July – Quality and Safety in Healthcare – The Brain and Behaviour Society of the Western Cape, Valkenburg Hospital
- 21 July – Patients as consumers of healthcare – Optometry Association meeting – Chrystal Towers Hotel, Cape Town
- 23 July – Consumerism in Healthcare – CPC Qualicare Open day, Sponsored by Discovery, Sanlam head office, Bellville
- 29 July – Quality and Safety in Plastic Surgery, Department of Plastic Surgery, Faculty of Health Sciences, Tygerberg
- 26 August – Wrongful Pregnancy, wrongful birth, wrongful life...Department of Obstetrics and Gynaecology, Faculty of Health Sciences, Tygerberg
- 31 August - Ethical Principles in Occupational Health, Department of Community Health, Occupational Health Seminar, Tygerberg
- 1 September – Paediatric HIV Disclosure – Perspectives of caregivers and children, Kidcru, Paediatric HIV Centre, Tygerberg Hospital
- 27 September – Consumerism in Health Care – Langeberg Medicross. Astra Zeneca
- 4 November – Ethics in the Consulting Room – Medicross Hospital Group, Arabella, Hermanus, Western Cape.

## **2012**

- 18 February – The Good Doctor – CPD 360 degree meeting – St Helena Bay, Western Cape
- 18 March – Ethics of End of Life Care: Preserving life at all costs? Second ICON Conference, Cape Town International Convention Centre (CTICC)
- 24 April – Advancing Research Ethics training in Southern Africa (ARESA). Global Forum for Health Research Conference, CTICC, Cape Town
- 9 June - Ethics and Electronic Health Records, CPC Qualicare Open day, Sponsored by Discovery, Sanlam head office, Bellville
- 16 August – Limits to Healthcare in the 21st century: Hippocrates Revisited, State of the Art lecture, Academic Year Day, Faculty of Health Sciences, Stellenbosch University

## **2013**

- 24 January – Termination of pregnancy, Health and Human Rights Program, University of Cape Town
- 25 January – Professionalism in Healthcare, GP Refresher Course, University of Cape Town
- 23 May - Use of Biological Samples in Research, Department of Medicine, Faculty of Health Sciences, Stellenbosch University
- 14 June – Feto-Maternal Conflicts in Pregnancy, Physicians Refresher Course, Department of Medicine, Faculty of Health Sciences, Stellenbosch University, Lord Charles Hotel, Somerset West.
- 24 August - Organ Procurement Organisations: Ethical implications, Graduate School of Business, UCT
- 6 September – Compensation for Research Related Injuries in South Africa, South African Clinical Research Associates Organisation, Zevenwacht, Cape Town.

- 5 November - Reporting of bioethics in the media: where are the boundaries of responsible journalism about medical matters? Science meets media symposium hosted by the Department of Journalism and the Department of Science and Technology, Stellenbosch main campus
- 19 November – Current neuro-ethical challenges for mental health research in Africa. STIAS, Stellenbosch.

#### **2014**

- 20 March – What can the Wouter Basson judgement teach us? Health & Human Rights Seminar, UCT.
- 16 August – To nudge or not to nudge: ethical implications for family practice, South African Academy of Family Practice, Belmont Square, Rondebosch, Cape Town.
- 13 November - The ethics of nudge: implications in healthcare, Department of Medicine
- 20 November – To err is human: ethical and legal issues in Dermatology, Groot Constantia, Cape Town

#### **2015**

- 23 March – Ethics in Research: An Introduction, FUNDISA Academy, Cape Town.
- 23 March – Legislative Framework and Guidance for Clinical Research: An Introduction, FUNDISA Academy, Cape Town.
- 20 April – Ethics of immunisation during humanitarian crises. Annual Bioethics Seminar, Faculty of Health Sciences, Stellenbosch University
- 16 May – Truth Telling in the ICU. Critical Care Society, University of Cape Town.
- 5 August – Assisted Suicide: ethical challenges. Annual Academic Day. Department of Nuclear Medicine. Faculty of Health Sciences. Stellenbosch University.
- 12 August- End of life issues: existing controversies and emerging challenges. Keynote address. Department of Medicine. Stellenbosch University.
- 2 November – Assisted Dying: Ethical Challenges. Cape Town Interfaith Group, Sufi Temple, Newlands, Cape Town
- 6 November – Chronic Care: guidelines vs patients' wishes. Medicine Update, Department of Medicine, Stellenbosch University.
- 19 November – Dermatology and Assisted Dying. Dermatology Independent Practitioners Association, River Club, Observatory, Cape Town

#### **2016**

- 9 April – Genomic Biobanking in South Africa. Pharmacogenetic Conference, UCT, Cape Town.
- 23 April – Ethics in practice: challenging and perplexing scenarios. Annual Bioethics Seminar, Spier, Stellenbosch.
- 10 May – 21<sup>st</sup> Century Medical Science: Biobanking and Beyond. Annual Research Day, University of the Western Cape.
- 13 May – Physician Assisted Dying: Challenges & Controversies, Department of Obstetrics & Gynaecology, Stellenbosch University.
- 26 September – Ethics in Research: An Introduction, FUNDISA Academy, Nitida, Cape Town.
- 26 September – Legislative Framework and Guidance for Clinical Research: An Introduction, FUNDISA Academy, Nitida, Cape Town.

- 17 November – Ethical vignettes in Dermatology. Dermatology Independent Practitioners Association, Ratanga Junction, Cape Town.

## 2017

- 18 August - Biobank Seminar at the South African Medical Research Council, Cape Town. Ethical challenges pertaining to biobanking & path to institutional approval for a biobank
- 18-20 August - WONCA African & 20th National Family Practitioners Conference, Protea Hotel, Pretoria. Social Determinants of Health & Implications for Ethics
- 21 September - Ethics in Occupational Health. Diploma in occupational medicine students
- 6 October - Ethical considerations for Standard of Care. 2nd Western Cape REC Workshop, University of Cape Town
- 17 October - Futuristic medicine at the interface of research & care...genomics, biobanks & ethics. Melomed, Annual CME Presentation talk
- 2 November - Standard of care considerations in LMIC. MRC Standard of Care Summit
- 9 November - Disruptive Innovation in Healthcare: Artificial Intelligence, Big Data & Ethics. Department of Medicine Ethics Talk
- 21 November - A brief history of illegitimate HIV Cures in Africa: how will research participants interpret the C-word in future trials? Summit on Quackery & Pseudoscience, STIAS, Stellenbosch University.

## 2018

- 7 February - Innovation in Healthcare & Research: Ethical Challenges, UCT Graduate School of Business, Cape Town

## 13. TEACHING

**Undergraduate teaching** has been offered by the Centre for Medical Ethics and Law to undergraduate medical students for the past 13 years: For 2015 student numbers were as follows:

- **MBChB 1<sup>st</sup> year** – 6 ethics lectures (**380** health science students)
- **MBChB 2<sup>nd</sup> year** – 4 ethics lectures (**280** medical students)
- **MBChB 5<sup>th</sup> year** – 3 week module in medical ethics, law and human rights (**240** medical students)

The 5<sup>th</sup> year Ethics Module is our flagship undergraduate offering. We have the undivided attention of approximately 240 students for 3 weeks. In the first week undergraduate interactive lectures are presented by a diverse group of ethicists, clinicians, lawyers and human rights specialists. In the afternoons, vibrant case study discussions occur in groups, each lead by a tutor who is a clinician and /or specialist in bioethics. These lecturers teach part-time and on a voluntary basis. From day 1 of the module the class is divided into 16

groups and each group works on a specific topic in bioethics, such as, the Jehovah's Witness patient and blood transfusions, Termination of Pregnancy, Euthanasia, Paediatric Ethics, etc.

The group assignments require students to conduct in depth literature research into the various topics, to interview fellow students and doctors on relevant topics, to visit hospitals and clinics to witness ethics in action and to present to the class using role plays, powerpoints and videos. This is a form of peer education. The module ends with an ethics examination.

### **Postgraduate teaching**

- **Postgraduate Diploma in Health Research Ethics** - 10 postgraduate trainees per year from Zambia, Ethiopia, Uganda, Kenya, Zimbabwe, Botswana, Malawi and South Africa
- **Ethics Discussion Group monthly** – faculty, healthcare practitioners
- **Good Clinical Practice courses – since 2003**
- **Continuing Professional Development (CPD)** lectures to various health science departments and private sector doctors. There is an online CPD program attached to our medical ethics book which is used as a training option by postgraduates.

**NB Please note:** Due to a memorandum of understanding with the Centre for Applied Ethics, Department of Philosophy, on main campus, Stellenbosch, the Centre for Medical Ethics and Law is not at liberty to run a Masters or PhD program for 5 years (2011-2016) as Prof Anton Van Niekerk offers these programs via his Centre.

## **14. RESEARCH**

### **Current Research Activity:**

- Principal investigator – **Ethical, Legal and Social issues (ELSI) in Genomic Biobanking**  
This project aims to develop a community engagement model for genomic biobanking in South Africa.

Phase 1 – literature review and stakeholder engagement

An educational video: “Biobanking and Beyond” – was developed and is available on YouTube ([https://www.youtube.com/watch?v=QjSfIA6\\_bfc](https://www.youtube.com/watch?v=QjSfIA6_bfc)). Five educational pamphlets have been developed on medical research, genetics, genomics and biobanking. The video and pamphlets are being used to educate CAB members and patients in the HIV Lymphoma Clinic at Tygerberg Hospital. They are also being used across various H3Africa sites on the continent.

Phase 2 – empirical research

17 interviews with research stakeholders in biobanking have been completed. A further 10 interviews with CAB members and 30 patient interviews have recently been completed. Activity books have been completed for genetics and genomics teaching in High Schools. A training workshop was hosted for 100 High School Biology teachers in the Western Cape in February 2018.

Collaborators: Prof Eric Juengst – University of North Carolina, USA

Dr Paulina Tindana – Ethox Centre in Oxford.

- Principal investigator– **Ethical and Social Implications of HIV Cure Research**

Phase 1 - literature review at sites - University of North Carolina, Guangzhou – China, Centre for Medical Ethics and Law, Stellenbosch University Pilot study: 15 Qualitative Interviews completed. Brocher Foundation seminar – 5-7 May 2014, Geneva, Switzerland

Phase 2 – empirical research – 15 key informant interviews in South Africa – completed. An educational video was produced to inform patients about HIV cure research. (<https://www.youtube.com/watch?v=oNfw9n5nBtU>). This was subjected to an assessment of efficacy in a before and after study design. Four educational pamphlets on HIV treatment, prevention and cure were produced and together with the video are widely used at HIV clinics in South Africa to educate and empower patients.

Phase 3 – empirical research – 35 Stakeholder Interviews and 4 Focus Group Discussions – completed and in preparation for publication.

Activity Books on HIV Cure have been developed for workshops with High School learners in the Western Cape.

An interactive educational program on HIV treatment, prevention and cure has been developed to stimulate patient engagement at an HIV clinic.

- Principal investigator – **An exploration of the ethical complexities inherent in the collection, use, storage and export of biological samples in research** - perspectives from the Western Cape, South Africa.- Research Assistance Grant R20,000 and Strategic Funding grant R100 000 + NRF grant R40 000.

Co-investigators: Dr Theresa Rossouw, Dr Ronell Leech and Nomathemba Sibanda, University of Pretoria, Kelsey February

Phase 1 – semi structured interviews of 200 research participants in Western Cape and Pretoria – completed and published.

Phase 2 – interviews of REC members, Western Cape and Gauteng – completed and in preparation for publication.

Phase 3 – interviews of 19 researchers/pathologists, Western Cape and Gauteng – completed and published.



**Past Research Activity:**

- Principal Investigator – **The experience of Research Ethics Committees (RECs) with using an accessible short form self-assessment tool.** Collaborators: Prof Henry Silverman, University of Maryland, Prof Sue Naidoo, University of the Western Cape.
- Principal Investigator **Paediatric HIV Disclosure Study** - Tygerberg  
Co investigators: Landon Myer and Des Fransman – School of Public Health, UCT, Prof Mark Cotton, Dept of Paediatrics and Kidcru paediatric HIV Clinic Tygerberg, Prof Leslie Swartz and Prof SA Kagee, Department of Psychology, University of Stellenbosch. Phase 1 complete – Paediatric Disclosure in South Africa: Perspectives of Caregivers on discussing HIV with infected children – presented at the international AIDS conference in Bangkok July 2004.  
Phase 2 – interviews with health care providers to elicit their perspectives on disclosure – complete and published.  
Phase 3 – Collaboration with Department of Psychology – interviews with children - complete Ethnographic study completed. Harry Crossley funding – R15 000. Research Assistance funding - R20 000. Interfaculty grant R100 000.
- Principal Investigator – 2009: A Randomized 32 week double blind parallel-group, multicentre study to compare the efficacy and safety of initiating treatment with combination (aliskiren/amlodipine) therapy in comparison with the sequential add-on treatment strategies in patients with essential hypertension. Protocol CSPA100A2307 Sponsor: Novartis.
- Principal Investigator - 2008: A phase II, Multicenter, Randomized, Placebo-controlled study to evaluate the Efficacy and Safety of intramuscular Peramivir 600 mg in subjects with uncomplicated acute influenza. Protocol BCX 1812-212. Sponsor: Biocryst.
- Principal Investigator – 2007: A phase 3 Open-Label, Single Arm Trial, Evaluating the Safety, Tolerability and Immunogenicity of a subsequent dose of 13-valent pneumococcal conjugate vaccine administered to individuals who participated in Study 6115A 1-500 and Received in this study 13-valent followed by 23-valent pneumococcal polysaccharide vaccine 1 year later. Sponsor: Wyeth. Co-investigator: Dr Michael Pather.
- Principal investigator: Comprehension of Informed Consent on a Tuberculosis Prevention Study in the Western Cape. Co investigators: Professor Nulda Beyers, Dr Landon Myer, Dr Sharon Kling. Presented at a conference in New Zealand. Sponsor: MRC
- Principal Investigator - 2006: A Phase II, Multicentre, Randomised, Double Mask, Placebo-Controlled Study to Evaluate the Efficacy and Safety of intramuscular Peramivir in Subjects with Uncomplicated Acute Influenza Co-investigator: Dr Michael Pather. Sponsor: Biocryst
- Principal Investigator – 2003: Medical research on human subjects in South

Africa: A critical assessment of the work of research ethics committees.

- Principal Investigator - 2003: Informed Consent: Knowledge, Understanding and Perceptions of Patients participating in Prospective Randomised Influenza Vaccines Trials.
- Sub- investigator 2001– Protocol D153-P507 (National Multi-centre Study)  
A Prospective, Randomized, Double-blind, Placebo-Controlled Trial to Assess Safety and Efficacy of Influenza virus vaccine, Trivalent, Types A & B, Live Cold Adapted (CAIV-T) in Adults Aged 60 Years and Older. Study site: Bishop Lavis Community Health Centre, Western Cape as one of 46 sites in South Africa. Sponsor: Wyeth-Lederle, United States. CRO: QUINTILES **95 patients enrolled**. Study closure - November 2001.
- Sub-investigator 2002– Protocol D153 – P516. A Prospective Randomised Open Label Controlled Trial to Compare the Safety, Tolerability and Efficacy of Influenza Virus Vaccine, Trivalent, Types A & B, Live Cold-Adapted(CAIV-T) with Inactivated Influenza vaccine, Trivalent Types A&B in Adults aged 60 years and older. **108 patients enrolled**. Study site: Bishop Lavis Community Health Centre, Western Cape as one of 40 sites in South Africa. Sponsor: Wyeth- Lederle, UK; CRO: QUINTILES  
Date of commencement: 1 March 2002.
- Principal Investigator - 2003: A Randomised, open label, controlled phase II study to evaluate safety, tolerability and immunogenicity after two different 13-valent pneumococcal conjugate vaccine formulations with or without aluminium phosphate as adjuvant, and after 23-valent pneumococcal polysaccharide vaccine in ambulatory, elderly subjects aged 65 years and older who are naïve to previous 23vps immunisation. Co-investigator: Professor PJT de Villiers Sponsor: Wyeth.
- Principal Researcher - Constraints facing female doctors in private Family Practice in the Western Cape (1995-1997). A descriptive study based on a postal survey.
- Principal Researcher - HIV Vaccine Trial Participation in the Third World – An Ethical Assessment (1998-1999). Literature Review and conceptual analysis.
- Principal Investigator - HIV Vaccine Trial Participation – Concerns of Medical Professionals. A descriptive survey – Faculty of Health Sciences, University of Stellenbosch. Published in South African Medical Journal 2002.
- Consultant: International AIDS Vaccine Initiative (IAVI)-New York. Brief: Proposal development for an empirical study of Informed Consent – at potential sites for HIV vaccine development in East Africa.

## 15. WORKSHOPS & CONFERENCES

### International:

**2009** – Research on Children – Food and Drug Administration(FDA) **Maryland, USA** 2010 – HIV Combination Prevention Modalities – National Institutes of Health (NIH) **Washington DC, USA**

**2011** – NIH Grant Administration Workshop – **Cape Town, SA.**

**2012** - NIH Centre for AIDS Research: Ethical considerations in HIV genetic research from developing world perspectives – **Washington DC, USA**

**2013** – World Health Organisation Expert Consultation on Research Ethics Governance – University of **Toronto, Canada.**

### 2015

- Conference on Retroviruses and Opportunistic Infections (CROI) 2015, Washington State Convention Center, **Seattle, USA**, 23-26 February
  - SAGE Working Group meeting on Ebola vaccines and vaccination, WHO Headquarters, **Geneva, Switzerland**, 9-10 March
  - Working Group Leaders of the WHO Guideline Development on Ethics of Public Health Surveillance and the Annual Meeting of the Global Network of WHO Collaborating Centres for Bioethics, Monash University, **Prato, Italy**, 9-11 June
  - SAGE Working Group on Ebola Vaccines and Vaccination, **Geneva, Switzerland**, 19-20 August

### 2016

- Return of Results in Genomics Research and Biobanking, 9<sup>th</sup> H3Africa Consortium Meeting, **Mauritius**

### 2017

- Workshop on Research on Pregnant Women in Research. **Bangkok, Thailand.**

### Local:

#### 2015

- UCT General Practitioners Conference, The River Club, Observatory, 20-21 January
- 16th Annual Women in Business Conference presented by UCT GSB, The River Club, Observatory, 14 August

## 16. EDITORIAL BOARD MEMBERSHIP

### International Journals:

- **PLoS Clinical Trials**

1. **2006 – Managing Editor** – The lack of sexual health questions in quality of life questionnaires administered during HIV clinical trials

2. **2007 – Academic Editor** – Manuscript Title: SAVVY (C31G) Gel for Prevention of HIV infection in Women: a Phase 3, Double-blind, Randomized, Placebo-controlled Trial in Ghana

- **PloS ONE**

1. **2007 – Academic Editor** – Declining Rates in Male Circumcision amidst Increasing evidence of Its Public Health Benefit” [Paper #07-PONE-RA-01128]

**National Journals:**

- 1. South African HIV Clinicians Society Journal

## 17. JOURNAL REVIEWS

**International Journals:**

- **Journal of Medical Ethics**

1. Informing Research Participants of Research Results: Analysis of Canadian University-Based Research Ethics Board Policies (2005)
2. Access to Human Biological Materials (HBMs) in Collaborative Research with Developed Countries in South Africa: A Case Study (2012)

- **Social Science and Medicine**

1. Informed Consent: the Experiences of Researchers in South Africa (2005)
2. Effect of long-term participation in intensive health research on definitions of research in Uganda (2006)

- **The Lancet**

1. “Moving from research oversight to research ethics systems: Exploring the institutional dimensions of international research ethics” (2008)

- **Developing World Bioethics**

1. Culture and Genetics Testing in Africa (2007)
2. Assisted Reproductive Technology: Is Nigeria ready for the ethical dilemma? (2007)

- **AIDS Care**

1. Recruitment of volunteers in the first phase 1 HIV vaccine trial in India: ethical dilemmas in decision-making (2008)

- **BMC Medical Ethics**

1. How informed is consent in vulnerable populations? Experience using a continuous consent process during the MDP 301 vaginal microbicide trial in Mwanza, Tanzania (2009)
2. Assessing the quality of informed consent in a resource limited setting: A cross sectional study (2011)

3. Ethical and practical constraints to children participating in research: Experiences from the multicentre paediatric HIV Arrow trial in Africa (2011)
  4. “The keeping is the problem”: A qualitative study of IRB-member perspectives in Botswana on the collection, use, and storage of human biological samples for research (2015)
- **PLoS One**
    1. Readability Levels of health pamphlets distributed in Athens Hospitals & health Centres (2008)
    2. Repeated assessments of informed consent comprehension among HIV infected participants of a 3 year clinical trial in Botswana (2011)
    3. Unprofessional conduct by medical practitioners in South Africa (2007-2013) - PLoS One (2015)
  - **Developing World Bioethics**
    1. Ethical trade-offs in trial design: Case Study of an HPV vaccine trial in HIV-infected adolescent girls in lower income settings (2012)
  - **Journal of AIDS (JAIDS)**
    1. Paediatric HIV Disclosure in Namibia (2014)
  - **African Journal of Health Professions Education**
    1. An Ethical Dilemma: A case of Intermittent Services, Student Training and its impact on Service Delivery
  - **Indian Journal of Medical Ethics**
    1. The multiple ethical review in North-South collaborative research: the experience of the Ebola Treatment trial in Guinea

**National Journals:**

- **South African Dental Journal**
  1. Ethical issues around water fluoridation (2004)
- **SA Family Practice Journal**
  1. Fever –Approach to Diagnosis and Management.
  2. Preliminary evaluation of Living Safely: the family friendly alternative to AIDS.
  3. Views and reflections on Primary Health Care/Family Medicine Research
  4. Women and Rural Medical Practice
  5. The profile of the first women presenting for elective termination of pregnancy at the Pretoria Academic Hospital
  6. Evidence Based Medicine and the Hippocratic Oath: An ethical dilemma
  7. I will come again with my partner
  8. Telling a child he is HIV positive

9. Views of general practitioners and pharmacists about the role of the pharmacist in HIV/AIDS management
10. Adherence to HIV Anti-Retroviral Therapy Part 1 – Factors related to treatment.
11. Adherence to HIV Anti-Retroviral Therapy Part 2 – Which Interventions are effective in improving adherence?

- **South African Heart Journal**

1. Futility, appropriate Care and “Do Not Resuscitate” Orders: Who Makes Decisions and How?(2010)

### **18. Good Clinical Practice (GCP) TRAINING COURSES**

Courses have been offered since 2003 and approximately 2000 investigators and site co-ordinators have been trained from 2003-2017. Income generated since 2003 = R 2 million.

### **19. NRF Rating:**

- C Rating (2012 submission) – Established Researcher
- Resubmission due 2017

### **20: Family & Hobbies**

- Keymanthri has raised two sons who are now aged 21 and 25. She enjoys dancing, cooking, travelling and gardening. Since her MBA program in 2013, she has developed a keen interest in mindfulness training and practices.