
FACULTY OF HEALTH SCIENCES (CEREMONY 2)

ORDER OF PROCEEDINGS

Academic Procession.

(The congregation is requested to stand as the procession enters the hall)

The Presiding Officer will constitute the congregation.

The National Anthem.

The University Dedication will be read by a member of the SRC.

Welcome by the Master of Ceremonies.

Musical Item.

The graduands and diplomates will be presented to the Presiding Officer by the Dean of the faculty.

The Presiding Officer will congratulate the new graduates and diplomates.

The Master of Ceremonies will make closing announcements and invite the congregation to stand.

The Presiding Officer will dissolve the congregation.

The procession, including the new graduates and diplomates, will leave the hall.

(The congregation is requested to remain standing until the procession has left the hall.)

NATIONAL ANTHEM

Nkosi sikelel' iAfrika
Maluphakanyisw' uphondolwayo,
Yizwa imithandazo yethu,
Nkosi sikelela, thina lusapho lwayo.

Morena boloka etjhaba sa heso,
O fedise dintwa la matshwenyeho,
O se boloke,
O se boloke setjhaba sa heso,
Setjhaba sa South Afrika – South Afrika.

Uit die blou van onse hemel,
Uit die diepte van ons see,
Oor ons ewige gebergtes,
Waar die kranse antwoord gee,

Sounds the call to come together,
And united we shall stand,
Let us live and strive for freedom,
In South Africa our land.

**NAMES OF
GRADUANDS/DIPLOMATES**

FACULTY OF HEALTH SCIENCES

Dean: A/Professor L Green-Thompson

**POSTGRADUATE DIPLOMA
IN ADDICTIONS CARE**

Mohammed Rajodien Albertus
Petro Du Preez
Monique Ivy Fisher
Nadia Hassiem
Nomfundo Khumalo
Evodia Anna Mabuza Mokoko
Seitisho Dinah Marumo
Ngwakoana Caroline Mashalane
Zenande Mbini
Beneate Meyer
Lezel Antonette Murtz
Siyabonga Goodwill Mzukwa
Tracy Barenise Nieuwenheyzen-Petersen
Khanyisile Maureen Nuba
Shanell Petersen
Jessica Levonne Plaatjes
Coritha Roux (with distinction)
Carmen Schoeman
Refilwe Nna Sekgoma
Dana Rozanne Tadmor
Morgane Conlon Vercruysse (with distinction)

**POSTGRADUATE DIPLOMA
IN CLINICAL PAEDIATRIC
CRITICAL CARE**

Uchenna Chiagoziem Chinelo Nnajekwu

**POSTGRADUATE DIPLOMA IN
CLINICAL PAEDIATRIC
PHYSIOTHERAPY**

Ngozi Juliet Okonkwo Ekwueme

**POSTGRADUATE DIPLOMA
IN COMMUNITY & GENERAL
PAEDIATRICS**

Michelle Yvonne Dicey

**POSTGRADUATE DIPLOMA
IN DISABILITY STUDIES**

Lydia Rirhandzu Lucretia Dreyer (with distinction)
Peggy Kauriatjike
Andrew Frans Madella
Elsanré Yvette Mapanka
Msawenkosi Mfikili
Matome Joshua Moremi

**POSTGRADUATE DIPLOMA IN
EMERGENCY CARE**

Riaan Leandu Botha
Joseph Enrico E Brown
Caristo Tayiziveyi Chiparashu
Morris Aronowitz De Beer
Dominique Ross Dempster
Fernando Albert Erasmus
Phaniel Tawanda Gwinji
Brian Craig Halse (with distinction)
Owen Madeyi
Tristan Morgan Manning
Vincent Malejwana Maqaza
Mafalda Marques Luis Martins (with distinction)
Johann Mc Dermott (with distinction)
Tinashe Mac-Donald Mujakachi
Devan Naicker
Boitumelo Eugene Olenga
Lizette Pretorius (with distinction)
Dean Rutherford (with distinction)
Thato Mpho Josephine Siviya
Lizinda Van Heerden
Anna Margarietha Van Vliet

**POSTGRADUATE DIPLOMA IN
FAMILY MEDICINE**

Alicia Boshoff
Ireen Sichinga Chuunga
Bianca Ekron (with distinction)
Grant Christopher Hess (with distinction)
Ameena Ismail (with distinction)
Nicole Lana Lodewyks (with distinction)
Manika N Miansi
Juwaya Morta
Ishmael Tswaledi Moukangwe
Hawa Parker (with distinction)
Elreen Petersen
Farzana Singh (with distinction)
Ryno Venter Snyman (with distinction)
Mary-Ann Van Der Vent
Zanoxolo Nathaniel Zothe

**POSTGRADUATE DIPLOMA IN
HEALTHCARE TECHNOLOGY
MANAGEMENT**

Luan Dane Africa
Senate Leeuw (with distinction)
Tshifhiwa Mango (with distinction)
Neo Prudence Mathale
Thato Mirandah Mmola (with distinction)
Katileho Tshepang Monyobo
Louvern Moodley (with distinction)
Nongcebo Fortunate Nsibande (with distinction)
Nonhlanhla Lerato Sefatsa (with distinction)
Lauren Keitumetse Sekhuthu (with distinction)
Molefe Pitcairn Sematlane (with distinction)
Realeboha Germond Tsehlana
Jacques-Andre Pierre Van Der Walt
Nombuso Busisiwe Charlain Busisiwe Yende (with distinction)

**POSTGRADUATE DIPLOMA IN
HEALTH ECONOMICS**

Sameera Cader
Abdoulaye Camara
Jessica Stevens Gammon (with distinction)
Tshegofatso Kenabatho Gopane
Amanda Hyman
Boboh George Kamangira
Senzeni Lwanda Kente
Reneilwe Leann Makandiona
Merlen Pamela Morrow
Hlupheka Honours Mukhari
Anne Muendi Musuva (with distinction)
Lerato Nyapholi
Allison Anthea Christie Pieterse
Danielle Serebro (with distinction)
Phenyo Shabangu
Selma Ndahalamo Sheetekela
Zimkhitha Zikolo

**POSTGRADUATE DIPLOMA
IN HEALTH PROFESSIONAL
EDUCATION**

Sakina Bawa
Sarika Brijlall
Magdaleen De Swardt
Marvin Samuel De Villiers
Thendo Tshisikhawe Netshiongolwe
Mariam Peer (with distinction)
Zithulele Nkosinathi Tshabalala

POSTGRADUATE DIPLOMA IN
INTERDISCIPLINARY PAIN
MANAGEMENT

Sandri De Beer
Masilo Kolobe
Rishana Mahabeer
Madira Lydia Malebana
Brett James Mason (with distinction)
Michaela Jane Mohr (with distinction)
Thasegan Moodley
Ntsepase Irene Moruthane
Lashistha Parthab
Regan Warren Ryan (with distinction)
Robert Michael Schreiber
Ulika Singh (with distinction)
Jade Robyn Stellenboom (with
distinction)
Johannes Josias Nicolaas Van Der Walt
(with distinction)

POSTGRADUATE DIPLOMA
IN PAEDIATRIC RADIOLOGY

Edward Ebo Ocran

POSTGRADUATE DIPLOMA
IN PALLIATIVE MEDICINE

Zoe Campbell-Gillies
Khayaal Chetty (with distinction)
Danae Grace De Villiers
Fiona Anette Govender (with distinction)
Nangula Naveuye Hiveluah
Hayley Robyn Hochfelden (with
distinction)
Rebecca Jane Howie (with distinction)
Abongile Khwaza
Zane Leff (with distinction)
Rehana Loghdey
Thanyani Magwaba
Tshepiso Ullanda Kerileng Makume
(with distinction)
Aletta Louise Marinowitz
Muzorewa Boardman Mbhele
Rapudi Jeniva Morifi
Jessica Ntombizakithi Mtetwa
Thandiswa Monica Ndesi
Bertha Mabuku Nyambe
Nteboheng Emely Ramohalali
Nita Marlene Robinson (with distinction)
Karabo Pertunia Seake
Adriaan Johannes Smit
Johannes Petrus Jordaan Stofberg (with
distinction)
Lois Munorwei Tarwa (with distinction)
Marcia Venter

Victoria Lucy Wasas (with distinction)

POSTGRADUATE DIPLOMA
IN PESTICIDE RISK MANAGEMENT

Maxhosa Lamani
Sydney Mfuno
Thomas Alan Murray (with distinction)
Niang Omar
Zinhle Amanda Xulu
Reuben Lazarus Zulu

POSTGRADUATE DIPLOMA
IN PUBLIC MENTAL HEALTH

Warren Sean Cornelius
Hajara B B Huma
Edith Kamaru Kwobah (with distinction)
Kenneth Enyinnaya Nwaubani
Chipo Ashley Nyamayaro
Zarina Syed
Haley Samantha Van Der Walt

POSTGRADUATE DIPLOMA
IN TB-HIV MANAGEMENT

Beata Kunomalwa Ashipala
Olwethu Dindala
Thulani Wilson Dlamini
Lindelwa Dlongwana
Zukiswa Dyonase
Siphelele Faku
Sumaya Mahomed
Rethabile Mathabo Matsoso
Cimonee Hendrina May
Vuyolwethu Benice Mbasane
Sandile Mbonambi
Nomatshawe Mdana
Mercy Mkusane
Zandile Sabathile Mthembu
Phenyo Munyadziwa (with distinction)
Mukhethwa Ramukumba
Sibongile Elsie Sekwane
Sthabile Shezi
Pooja Aashan Singh
Sisanda Sinxi
Priantha Tolsi (with distinction)
Siphumeze Tshobeni

DEGREE OF BACHELOR
OF MEDICAL SCIENCE HONOURS

Stacy Kwamboka Achoki
Hawa Bibi Ahmed (in the first class)
Miengah Allie (in the first class)

Waheed Imran Amanjee (in the first
class)
Nathalie Andersen (in the first class)
Cameron Andrews
Celine Rene Bailey
Rizqah Bernard (in the first class)
Julia Boland (in the first class)
Rachel Louise Brown (in the first class)
Brittany Thyra Carstens
Luyanda Thembelihle Cebekhulu (in the
first class)
Lilitha Cengani
Ahlisha Marian Chetty
Lutho Daza
Jacinta Demetrio (in the first class)
Oliver De Sousa
Mqiniseli Sibusiso Dlamini
Kamva Kim Dukada (in the first class)
Sarah Leigh Everett (in the first class)
Julia Fernandes
Camryn Kelly Ferns (in the first class)
Solyle Emily Frankle
Zahra Gamiet
Gemma Nicola Gauntlett (in the first
class)
Michael George Eduard Goldschagg (in
the first class)
Vieshal Gopal
Gabrielle Simone Hemming (in the first
class)
Hope Marriott Hennessy (in the first
class)
Ntuthuko Nobuhle Ubuntu Hlatshwayo
(in the first class)
Nokuthula Ursula Hlongwane (in the first
class)
Nicole Kantor (in the first class)
Rethabile Kuena Khabo
Felicia Antonia Khoza (in the first class)
Ané Kotzé (in the first class)
Ariel Zack Kraitzick (in the first class)
Yamkela Kwakwi
Jamie Chelsea Langson (in the first class)
Refilwe Precious Ledwaba
Amber Elizabeth Luff (in the first class)
Mandisa Avela Mabaso
Theminkosi Excellent Machaba
Matome Lloyd Machaka (in the first
class)
Paige Meggan Mackenzie (in the first
class)
Jami Wilma Maclean
Dineo Madikgetla
Sithuthukile Madonsela
Pebetse Ponatshogo Maimela
Juandre Nicolle Makaka
Inam Pretty Makhabana
Tebogo Beauty Malope (in the first class)

Imameleng Mangoaela
 Sinelisiwe Unathi Matubatuba (in the first class)
 Marnie Michaela McGowan (in the first class)
 Siyambonga Masimdumise Mdidimba
 Thabile Sibusisiwe Mdubeki
 Caitlin-Joy Meyer (in the first class)
 Siwaphiwe Mfengu
 Zama Sinothando S'londiwe Mngadi
 Boitumelo Molale
 Lize Mostert (in the first class)
 Migael Uys Mouton (in the first class)
 Nompilo Mpanza
 Siyabonga Msipa (in the first class)
 Niyigena Angel Munyurangabo (in the first class)
 Zusiphe Mzazela (in the first class)
 Danielle Naicker
 Noku-Lunga Ndimba (in the first class)
 Nokubonga Sinethemba Ntsele
 Erin Morgan Orsmond (in the first class)
 Zahra Parker (in the first class)
 Ramses Peigou Wonkam (in the first class)
 Zabanguni Noluthando Phakathi (in the first class)
 Dzunisani Phaweni (in the first class)
 Nokhanya Sangweni
 Refilwe Seleka
 Jwalane Jaqueline Sephiri
 Lindokuhle Owethu Shezi
 Simange Sithonga
 Samantha Smuts (in the first class)
 Kirstin Lore Snyckers (in the first class)
 Amiksha Sujan
 Cameron Timm (in the first class)
 Tsholofelo Tshuma
 Kirsten Alexandria Van Der Heyden
 Sharyn Van Der Walt (in the first class)
 Jana Van Der Westhuizen (in the first class)
 Tao Mae Van Heerden (in the first class)
 Kaitlyn Skye Watt (in the first class)
 Linia Tendai Zambezi (in the first class)
 Ziqi Zhao (in the first class)

DEGREE OF BACHELOR
 OF MEDICAL SCIENCE HONOURS
 IN BIOKINETICS

Sayed Iqbaal Ally
 Paige Lee Andrew (in the first class)
 Timothy Marco Bruintjies
 Meghan Victoria Goldie
 Naida Kassim Ibrahim (in the first class)

Yusuf Ahmed Kajee
 Tanya Kotze
 Micaela Ockhuis
 Maria Pulinckx
 Jade India Riley (in the first class)
 Charlton Steenkamp
 Adrian Steven Withers

DEGREE OF BACHELOR
 OF MEDICAL SCIENCE HONOURS
 IN EXERCISE SCIENCE

Shivani Devi Moodley (in the first class)
 Caryn Michelle Phipson (in the first class)
 Daniella Catherine Smith (in the first class)

DEGREE OF MASTER
 OF CHEMICALS RISK
 MANAGEMENT

Maminiaina Roland Andrianarivelo
 Ijumaa Ally Bakari
 Jasmin Beakam (with distinction)
 Tefera Getaneh Elimeneh
 Cyd Mahlubi Ludidi
 Ameesha Maharaj
 Anuradha Shenoy
 Kidus Workineh Tebikew

DEGREE OF MASTER OF MEDICINE

Benjamin Hayfron Blankson (with distinction in the dissertation)
 Keagan Walter Clay
 Sandra De Vasconcelos (with distinction in the dissertation)
 Mariam Isaacs
 Jeannere Irene Jordaan
 Nitin Juggath
 Bakang Abiot Kgaodi (with distinction in the dissertation)
 Reneiloe Michelle Lekoloane (with distinction in the dissertation)
 Samuel Gusto Petro Likumbo (with distinction in the dissertation)
 Ndumbwe Paul Mabobo
 Justin Sven Pieterse
 Aqeela Sirkhotte
 Mazen Tanjour
 Nandi Viljoen
 Nokubonga Perceverance Vundla (with distinction in the dissertation)

DEGREE OF MASTER
 OF PHILOSOPHY

Elliot John Matoga

DEGREE OF MASTER
 OF PHILOSOPHY IN
 DEVELOPMENTAL PAEDIATRICS

Aleya Zulfikar Remtulla (with distinction in the dissertation)

DEGREE OF MASTER
 OF PHILOSOPHY IN
 EMERGENCY MEDICINE

Lliam James Matthew Richmond

DEGREE OF MASTER
 OF PHILOSOPHY IN FORENSIC
 MENTAL HEALTH

Nyameka Nomfundo Dyakalash

DEGREE OF MASTER
 OF PUBLIC HEALTH

Chevon Blumberg (with distinction)
 Alberto Caoci (with distinction in the dissertation)
 Anthony Fish Hodgson (with distinction in the coursework component)

DEGREE OF MASTER
 OF SCIENCE IN MEDICINE

Caitlin Mary McIntosh (with distinction)
 Shabita Rahman (with distinction)
 Joshua Stephen Selfe (with distinction)
 Loong Seng Philip Tan (with distinction)

DEGREE OF MASTER OF SCIENCE
 IN OCCUPATIONAL THERAPY

Anthony Thomas Ephraim

DEGREE OF DOCTOR
OF PHILOSOPHY

Nina Thandi Abrahams

Thesis Title: *The role of social network analysis in scaling-up and sustaining community-based health programmes in low- and middle-income countries*

Nina Abrahams completed her BA, BSocSc (Hons) and MPH qualifications at UCT, and began full-time study towards a cotutelle PhD with the University of Bristol in 2019.

Nina Abrahams' thesis explores how social network analysis (SNA) can be used to strengthen community-based health promotion programmes (CBPs) to reduce the burden of non-communicable diseases. A feasibility study identified practical challenges of collecting SNA data within complex settings. The SNA of a case study, Western Cape on Wellness (WoW!), revealed a centralised network, unclear role differentiation, and low rural representation. Interviews with WoW! stakeholders provided contextual understanding of SNA findings with participants indicating that while the visual outputs of SNA were useful, most analyses did not provide actionable information. The use of a "live mapping" tool was proposed to provide the visual benefits of SNA while taking account data collection capabilities and information needed to measure and act in complex community networks. Her research contributes to developing a pragmatic and feasible SNA tool in improving the scale-up and sustainability of complex CBPs, particularly in low- and middle-income countries.

Supervisors: Professor EV Lambert (Research Centre for Health through Physical Activity, Lifestyle and Sport (HPALS), Human Biology); Professor N Townsend (University of Bristol, School of Policy Studies)

Co-supervisors: Dr F Marais (Research Centre for Health through Physical Activity, Lifestyle and Sport (HPALS), Human Biology); Dr Z Toumpakari (University of Bristol, School of Policy Studies)

Kara Sierra Adams

Thesis Title: *The effect of clothing on decomposition and scavenging in two forensically significant habitats in Cape Town, South Africa*

Kara Adams completed her BA (Honours) at the University of Western Ontario in Canada. She holds an MSc in Human Osteoarchaeology from the University of Edinburgh in Scotland. She started her PhD in biological anthropology at UCT in 2020.

Kara Adams' thesis maximises forensic realism in taphonomy research by focusing on the influence of clothing, environmental conditions, and scavenging on the decomposition process. Placing pig carcasses emulating real life scenarios in two open Cape Town habitats, she found that clothing type and seasonality have an influence on decomposition. Winter clothing delayed decay, whereas summer clothing expedited it. Her research is the first to use a truly autonomous system for field data collection, recording and transferring the data remotely. Scavenging by the Cape grey mongoose accelerated the decay rate. Finally, she documented precocious natural mummification - a unique phenomenon in the Western Cape characterised by drying of tissue (desiccation) in under 30 days. This research forms the first quantitative assessment of desiccation leading to precocious mummification. Her study highlights the need for clothed single carcass decomposition data to emulate forensic realism in forensic taphonomy research.

Supervisor: Associate Professor V Gibbon (Human Biology)

Co-supervisor: Dr D Finaughty (Human Biology)

Phuti Sophia Choshi

Thesis Title: *The immunopathogenic mechanism of severe cutaneous adverse drug reactions to first line anti-tuberculosis drugs*

Phuti Choshi holds a BSc in Medical Sciences from the University of Limpopo, an MSc in Clinical Science and Immunology from UCT. She started full-time study towards her PhD in 2018.

Phuti Choshi's thesis focuses on the genetic and immune mechanisms of severe cutaneous adverse reactions to first line anti-tuberculosis drugs in HIV-TB endemic settings. She optimized an ELISpot assay to identify the causative agent from the multi-drug regimen. She identified genetic markers in African populations that increase susceptibility to these severe reactions. She used single-cell proteomic and transcriptomic analyses to provide the first in-depth characterisation of severe cutaneous adverse reactions in persons living with HIV, and an introductory understanding of immunological factors that mediate transitions from drug tolerance to reaction, particularly in patients with rifampicin induced drug reaction with eosinophilia and systemic symptoms. Her work offers an *in vitro* assay with potential diagnostic utility and a framework for future in-depth investigations into gene-gene interactions and the roles of innate immune cells and pathogenic T cells.

Supervisor: Associate Professor J Peter (Medicine)

Co-supervisors: Associate Professor R Lehloeny (Medicine); Professor E Phillips (Vanderbilt University Medical Centre, Infectious Diseases)

Makgalanoto Keletso Maepa

Thesis Title: *Development of analytical techniques for probing the effects of β -haematin inhibiting compounds on the malaria parasite Plasmodium falciparum*

Makgalanoto Maepa holds an undergraduate degree in Chemistry, Human Anatomy & Physiology and a BMedSc honours in Clinical Pharmacology, both from UCT. He then pursued an MSc in 2018, which was upgraded to a PhD.

Makgalanoto Maepa's thesis explores how specific clinically utilised antimalarial drugs interfere with the malaria parasite's ability to detoxify haem released from the digestion of haemoglobin. His primary focus was to develop bioanalytical techniques with high-throughput capability to quantify the effects of these drugs on intracellular haem species in malaria parasites. Subsequently, he applied these techniques to study newly discovered

compounds with promising anti-parasitic activity. Having investigated a diverse series of compounds using these methods, he found that each compound exhibited varying levels of haem and parasite toxicity. To further understand these effects, he developed a flow cytometry-based method to investigate whether the observed differences resulted from the speed of killing and the stage-specific effects of the various compounds. These findings will be important in future target-based drug development and discovery.

Supervisors: Associate Professor L Wiesner (Medicine); the late Professor T Egan (Chemistry and Institute of Infectious Diseases and Molecular Medicine)

Co-supervisors: Dr K Wicht (Chemistry); Dr J Combrinck (Surgery)

Calvin Gerald Mole

Thesis Title: Analysis of injury in Later Stone Age peoples of southern Africa

Calvin Mole holds a BSc from UCT, a BScMed Hons (Cum Laude) from Stellenbosch University and an MPhil Biomedical Forensic Science from UCT. He is a lecturer in the Division of Forensic Medicine and Toxicology, UCT and joined the Department of Human Biology for his PhD studies in 2021.

Calvin Mole's thesis examines the prevalence of accidental and violent injury in the southern African Later Stone Age. Examining 182 Later Stone Age skeletons with forensic and bioarchaeological techniques, he estimates the relative risk of injury across time and space. Through case study analyses he contrasts the resilience and care of individuals against episodes of violent interaction. This research provides further information on the lifestyle and interactions of Later Stone Age peoples, shedding light on our past.

Supervisor: Associate Professor VE Gibbon (Human Biology)

Co-supervisor: Associate Professor D Stynder (Archaeology)

Chukwudi Arnest Nnaji

Thesis Title: Assessing and addressing missed opportunities for vaccination in Cape Town through a collaborative quality improvement approach

Chukwudi Nnaji holds a Bachelor of Medicine and Bachelor of Surgery (MBChB) degree, followed by a Master of Public Health (MPH) qualification at UCT, and began studying towards his PhD in 2019.

Chukwudi Nnaji's thesis focuses on answering three priority research questions in recognition of the public health challenge posed by missed opportunities for vaccination (MOV) and the urgent need to tackle the challenge: what is the burden of MOV, what are the reasons for missed opportunities, and what can be done to address these? Using a mix of quantitative and qualitative research methods, he went on to investigate the magnitude of MOV, while characterising the multi-dimensional nature of MOV-enabling factors in primary health care facilities in Cape Town. Results from these assessments allowed him, in collaboration with stakeholders, to co-design and implement a range of facility-level quality improvement interventions targeted at addressing MOV and enabling factors. Finally, using experimental and post-intervention evaluation methods, he examined the feasibility, effectiveness and sustainability of the implemented interventions. Findings provide useful evidence for informing current and future MOV remedial efforts, locally and across the world.

Supervisor: Professor CS Wiysonge (Public Health and Family Medicine)

Co-supervisors: Professor M Lesosky (Public Health and Family Medicine); Dr D Ndwandwe (Cochrane South Africa, South African Medical Research Council)

Paula Roxana Pienaar

Thesis Title: Sleep characteristics and cardiometabolic disease risk factors in corporate executives

Paula Pienaar completed her BSc (Med) (Hons) in Biokinetics and MSc (Med) in Exercise Science degrees at UCT. Her PhD is a collaborative cotutelle programme between UCT and the Vrije University Amsterdam in the Netherlands. During her studies she worked as a biokineticist in the field of corporate health.

Paula Pienaar's thesis investigates sleep health and cardiometabolic disease (CMD) risk in corporate executives. Her systematic review showed that shorter sleep duration (≤ 6 h) was associated with higher risk of all-cause and cardiovascular disease mortality. Observational studies in corporate executives showed that the relationship between shorter self-reported sleep and risk for CMD was mediated by less physical activity, longer working hours and more stress. A longitudinal analysis indicated that women with shorter sleep are at greater risk for obesity, while shorter sleeping men are at higher risk for abdominal obesity and CMD in general. She then measured habitual sleep and found that corporate executives with shorter, less efficient weekday sleep, and those who caught up sleep on weekends, were at greater risk for CMD. Her qualitative study identified a need for workplace sleep health programmes incorporating sleep health risk screening and sleep health education to reduce the burden of CMD.

Supervisor: Dr DE Rae (Physiology)

Co-supervisors: Professor EV Lambert (Human Biology); Associate Professor LC Roden (Coventry University, Molecular Biology); Professor CLR Boot (Vrije University, Public and Occupational Health); Professor W van Mechelen (Vrije University, Public and Occupational Health)

Steven Ronald Randall

Thesis Title: *The longitudinal effects of HIV and ART on the developing brain: a structural MRI study using manual segmentation*

Steven Randall holds a BSc in Human Bioscience, a BSc (Med) Hons in Applied Anatomy and a MSc (Med) in Clinical Anatomy from UCT. While pursuing his degree, Steven Randall has been active in teaching anatomy and physiology in the MBChB programme.

Steven Randall's thesis reports on the immunological contributions and longitudinal consequences of volume changes in a cohort of children (5 to 10years) living with HIV, who started treatment in infancy. He finds both manual and automated techniques have high reproducibility in segmenting paediatric subcortical volumes, independent of scanner variability. This allows data acquired across magnetic research imaging (MRI) sites to be combined. Further, he uses statistical models to assess influence of HIV in the corpus callosum and basal ganglia on growth curves between ages 5 to 10 years. Steven Randall reports altered neurodevelopment in children living with HIV who initiated treatment in infancy, with the majority of volume disturbance occurring at 5 years of age, with predictors arising from proinflammatory molecules present at birth and initial infection.

Supervisor: Dr MJ Holmes (Human Biology)

Co-supervisors: Professor EM Meintjes (Human Biology), Dr C Warton (Human Biology)

Aaliyah Saferdien

Thesis Title: *Anti-cancer effects of aqueous extracts of Dodonaea Viscosa on Burkitt lymphoma*

Aaliyah Saferdien completed her BSc and BSc(Med)(Hons) qualifications at UCT. In 2020 she upgraded her MSc to a PhD degree.

Aaliyah Saferdien's thesis focuses on harnessing the benefits of indigenous knowledge through scientific

research, for healthcare. She investigated the potential of *Dodonaea viscosa*, a herbal medicine used in indigenous communities within the Western Cape, as a lead for anticancer compounds against Burkitt lymphoma. This aggressive cancer is over-represented among people living with HIV, and thus of high incidence in South Africa. Using in vitro biological assays, she demonstrates that aqueous extracts from *Dodonaea viscosa* (DVE) potently inhibit cellular proliferation, induce apoptosis, and induces its cytotoxic functions via inhibition of a common oncogenic pathway (PI3K/AKT pathway). Using a pre-clinical mouse animal model, Aaliyah Saferdien demonstrated that DVE retarded tumour growth, and was significantly less toxic than the approved chemotherapeutic drug, Doxorubicin. This research highlights the value of unlocking and integrating the benefits of traditional medicines within conventional medicine to combat priority diseases.

Supervisor: Associate Professor S Mowla (Pathology)

Roshaan Salie

Thesis Title: *The status and challenges of transition from adolescence into adulthood with cerebral palsy living in Cape Town, South Africa*

Roshaan Salie is a registered Physiotherapist with a special interest in paediatric neurology.

Roshaan Salie's thesis examines the status, needs and experiences of adolescents and adults with cerebral palsy (CP), to understand the challenges faced during the transition from adolescence into adulthood. Adults with CP, through semi-structured interviews, reported that their disability affected all spheres of their lives, with pain and spasms impacting on their functional abilities. Independence in the community was hampered by limited access to transportation, suitable accommodation, and health care services. On the positive side, ambulant individuals with CP reported similar levels of physical activity (PA) and fatigue as typically developing (TD) peers. Individuals with CP

reported good levels of accomplishment, satisfaction with daily activities as well as similar level of self-efficacy but lower levels of anxiety and depression compared to international reports. This dissertation provides a guideline for health professionals, administrators and policymakers to develop adult services and policies to enhance the quality of life for adults with CP.

Supervisor: Associate Professor NG Langerak (Surgery)

Administrative supervisor: Professor K Donald (Paediatrics and Child Health)

Co-supervisors: Professor G Fieggen (Surgery); Dr M Eken (Stellenbosch University)

HISTORICAL SKETCH

Founded as the South African College (a boys' school that aimed to provide higher education as well) in 1829, the University was established as the University of Cape Town in 1918.

The early history was one of great expectations and hard times and it was not until the early years of the twentieth century that the University was developed into a fully-fledged tertiary institution. A significant and pioneering development in the 19th century was the admission of women as degree students in 1886, many years ahead of most universities in the world.

At the start of the 20th century the University incorporated the Diocesan College, the teacher training classes of the Normal College, the South African College of Music and the Cape Town Schools of Fine Art and Architecture.

The Medical School was established and in the 1920s the University began a partnership with the local health authority (now the Provincial Government's health department) that saw the Medical School move from the Hiddingh Campus and the Green Point Somerset Hospital to Observatory (the rest of UCT's Upper Campus moved from Hiddingh to its present site, on part of Cecil Rhodes' estate, in 1928). This partnership allowed for the construction of the first Groote Schuur Hospital on a University site. The partnership continues to this day and now involves not only Groote Schuur as a teaching hospital but Red Cross Children's Hospital, Valkenberg and a growing number of primary health care sites.

The period between the end of World War II and 1994 was marked by two themes. Firstly, the University recognised that if it was to be fully South African, it would have to move beyond academic non-segregation to be fully inclusive. It would have to face the consequential and increasing clashes with a government determined to legislate for segregation and enforce the doctrine of apartheid. And secondly, the University intended to transform into a leading research institution.

Before World War II, the University was largely a teaching university and its students were mostly undergraduates. The research undertaken was sporadic, though in some cases notable. A research committee was appointed for the first time in 1945. The next 75 years saw a great expansion of research and scholarly work such that the UCT of 2014 has a greater proportion of highly rated researchers and gains significantly more research grants and awards than any other South African University.

The 1980s and 1990s were characterized by the deliberate and planned transformation of the student body. This was aided by the establishment of the Academic Development Programme aimed at helping students from disadvantaged educational and social backgrounds to succeed and the desegregation of student residences. As a result, a student body that was 90% white in 1979, when UCT marked its 150th anniversary, is in 2014 more than 50% black. The total student enrolment of just above 26 000, includes international students drawn from over 100 countries, a significant proportion of which are from SADC states. Particular emphasis is placed on postgraduate studies and more than 20% of these students will be enrolled in master's and doctoral programmes. A growing number of postdoctoral fellows contribute substantially to the research endeavours and reputation of the University (UCT has more than a third of the total number of post docs in South Africa).

UCT continues to work towards its goal to be Africa's leading research university. Its success can be measured by the scope of study it offers and the calibre of its graduates.

VISION AND MISSION

UNIVERSITY OF CAPE TOWN

Vision

An inclusive and engaged research-intensive African university that inspires creativity through outstanding achievements in learning, discovery and citizenship; enhancing the lives of its students and staff, advancing a more equitable and sustainable social order and influencing the global higher education landscape.

Mission

UCT is committed to engaging with the key issues of our natural and social worlds through outstanding teaching, research and scholarship. We seek to advance the status and distinctiveness of scholarship in Africa through building strategic partnerships across the continent, the global south and the rest of the world.

UCT provides a vibrant and supportive intellectual environment that attracts and connects people from all over the world.

We aim to produce graduates and future leaders who are influential locally and globally. Our qualifications are locally applicable and internationally acclaimed, underpinned by values of engaged citizenship and social justice. Our scholarship and research have a positive impact on our society and our environment.

We will actively advance the pace of transformation within our University and beyond, nurturing an inclusive institutional culture which embraces diversity.

OFFICERS OF THE UNIVERSITY

Chancellor

Precious Moloi-Motsepe, MBBCh DCH *Witwatersrand* Dip in Women's and Reproductive Health *Stellenbosch*

Vice-Chancellor (Interim)

Batmanathan Dayanand Reddy, BSc (Eng) *Cape Town* PhD *Cantab* DSc (hc) *Stellenbosch* FRSSAf MASSAf FSAAE
MAkadSA FTWAS FoISC OMB

Chair of Council

Norman Martin Arendse SC, BA LLB *Cape Town* LLM *UCL*

President of Convocation

Naadiya Moosajee, BSc(Eng)Civ MSc(Eng) *Cape Town*

Deputy Vice-Chancellors

Jeffrey Murugan (Acting), MSc PhD *Cape Town*

Elelwani Ramugondo, BSc (Occupational Therapy) MSc (Occupational Therapy) PhD *Cape Town*

Linda Cynthia Ronnie (Acting), Adv Dip in Adult Ed MEd *Sheffield* PhD *Cape Town*

Registrar

Royston Nathan Pillay, BA HDE BEd MBA (Executive Programme) *Cape Town*

Chief Operating Officer

Mughtar Parker (Acting), (MCR) (SLCR) *Atlanta USA* B.Comm (Acc) *Western Cape*

Deans of Faculties

Commerce: Suki Lesley Goodman, BSocSc(Hons) MBusSc PhD *Cape Town*

Engineering & the Built Environment: Alison Emslie Lewis, PrEng BSc(Eng)Chem MSc(Eng) PhD *Cape Town* FSAIChE
FSAIMM MASSAf FSAAE FICHEM

Health Sciences: Lionel Patrick Green-Thompson, DA FCA *CMSA* MBBCh MMed PhD *Witwatersrand*

Humanities: Shose Kessi, PDBA *Witwatersrand* BA(Hons) *London* MSc PhD *LSE*

Law: Danwood Mzikenge Chirwa, LLB(Hons) *Malawi* LLM *Pretoria* PhD *Western Cape*
Practitioner of the High Court of Malawi

Science: Hussein Suleman, MSc *UDW* PhD *Virginia Tech*

Dean of Higher Education Development

Kasturi Behari-Leak, BA(Hons) HDE BEd *Durban-Westville* MEd *Cape Town* PhD *Rhodes*

Director of the Graduate School of Business

Catherine Duggan, BA *Brown* PhD *Stanford*

JOIN UCT ALUMNI CONNECT

Today is not the end of your relationship with the university but the beginning of a new phase in your continuing relationship with UCT, one that you share with the global UCT community of over 200 000 alumni. Wherever you choose to go, fellow UCT alumni will be there. Join UCT Alumni Connect, our bespoke social networking site for alumni. Membership is free and provides access to a global network of like-minded professionals, innovators, thought leaders and entrepreneurs. Join our virtual alumni community today and enjoy these member benefits:

- Expand your professional network
- Stay in touch with your alma mater
- Connect with thousands of UCT alumni
- Locate UCT alumni in your area using mobile GPS
- Access career mentorship opportunities
- Share images from your reunions and alumni events
- View notifications of UCT events taking place in your city
 - Access UCT Careers Service support

You can sign-up in less than 2 minutes, utilizing your Facebook, LinkedIn or email credentials. Visit www.uctalumniconnect.com or scan the QR code, then click on the 'Join' link to sign up. It is that easy. Membership verification is fast.



SCAN ME

To remain in contact with former UCT classmates and to keep abreast of important developments taking place at your alma mater, make sure that you update your contact details on our website: www.alumni@uct.ac.za. Here are some of the other ways you can stay in touch with us:

- Attend UCT alumni events hosted in your region
- Participate in the AGM of Convocation
- Join UCT Alumni Connect today
- Find and follow us on social media @UCTalumni
- Visit the Alumni Relations team in the Old Admin Building, located on UCT Lower Campus
- We love to profile our alumni. Email your news to: alumni@uct.ac.za

UCT benefits from a global network of alumni ambassadors, chapters and affinity groups, with an increasing number of volunteer networks across Africa. Our international UCT offices are focal points for leveraging institutional and research relationships, as well as donor opportunities. You can connect with one of our regional offices:

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The Development and Alumni Department looks forward to meeting you. Join us at one of the many alumni events hosted around the world, on campus at a UCT public lecture, at UCT Summer School or at your class reunion. Let's stay connected.