



GRADUATION CEREMONY

Faculty of Law
Faculty of Science (Ceremony 2)

SARAH BAARTMAN HALL

26 March 2024

FACULTIES OF LAW AND SCIENCE (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 Orator will present Professor Brian Huntley to the Presiding Officer for the award of an honorary degree.

The graduands and diplomates will be presented to the Presiding Officer by the Deans of the faculties.

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.

HONORARY DEGREE

Professor Brian John Huntley
Doctor of Science (*honoris causa*)

Professor Huntley's contribution to the biodiversity research community started in the 1970s when he accepted a job offer in Angola as a government Ecologist. Professor Huntley helped initiate and administer the CSIR's Cooperative Science Programmes and coordinated the environmental programmes between 1975 and 1989. This included the development of major programmes in Savanna, Fynbos, Karoo and Grassland ecosystems, which continue as key integrated research and management programmes. In 1990, Brian Huntley was appointed CEO of the National Botanical Institute (later to become SANBI).

Professor Huntley's legacy includes the establishment of the Thicket Forum in 2004. He built an organization of world-class leadership in botanical gardens, research and outreach not only in South Africa but across the SADC region. He did this largely by using the opportunities provided by post-Apartheid South Africa to attract local (mainly private) and international funding for research and infrastructure development at SANBI.

His work in conservation biology over the past five decades surpasses that of any other conservation scientist or science administrator. The value of his work is unequalled and has been widely recognised as such by UCT and many other southern African universities and government institutions. These institutions have benefited enormously from the numerous national and regional research initiatives spearheaded and led by Professor Huntley over decades. These initiatives built much of the intellectual and institutional capacity in the environmental and educational sector especially in the broad fields of environmental sustainability, climate change, and the management of the region's natural resources.

Professor Huntley played a significant role in promoting the educational and cultural value of botanical gardens and developed relationships and funded projects to engender co-operative initiatives between Southern African botanists. Having strong links with Angola, Professor Huntley has conducted biodiversity surveys and led the first major Biodiversity Synthesis for the country. He promoted botanical exploration and inventory of the biodiversity of Angola and used his remarkable international network to promote South African botany and the country's biological richness.

Professor Huntley was instrumental in the process that led to the establishment of the Southern African Botanical Diversity Network (SABONET). Through this network, there were consultations with botanists across Africa on how South Africa could play a meaningful role in the region. This resulted in a Global Environment Facility (GEF) grant that was used to fund a capacity building initiative involving 120 young professionals from 10 African countries many of whom are still active in the field today and contribute significantly to the profession.

Professor Huntley has also made several seminal scientific contributions. He has published more than 10 books and edited volumes and more than 150 scientific papers, book chapters, reports and popular articles. He has an h-index of 28 with more than 7,000 citations. His edited volume with BJ Walker on tropical savannas has attracted over 400 citations, while two of his other books have been cited more than 100 times. For a science administrator, this productivity is exceptional, exceeding the lifetime research outputs of most South African botanical researchers and academics.

Professor Huntley expanded and improved the infrastructure of SANBI's botanical gardens such as Kirstenbosch to world-class destinations for botanical tourists and researchers from across the globe. He introduced the hugely successful Kirstenbosch concerts, which attracted thousands to the garden. Similar initiatives were started at other gardens in the country. Professor Huntley chaired the committee that oversaw the establishment of Table Mountain National Park from a heterogeneous array of state land under chaotic management to a national park of international acclaim that conserves, for its size, the richest flora in the world.

**NAMES OF
GRADUANDS/DIPLOMATES**

1. FACULTY OF LAW

Dean: Professor D Chirwa

DEGREE OF BACHELOR OF LAWS

Reece Abrahams
Aimee Kathleen Affleck
Nuraan Armino
Raven Pearl Barends
Azraa Bazier
Kai Mark Victor Behrens (cum laude)
Duncan Simon Bekker (magna cum laude)
Grant Gareth Beyers
Jenae Booysen
Douglas Alan Bower
Hannah Paige Brandt
Brad Somerset Brinkley
Shivali Chanderpaul
Khanya Simphiwe Dambuza (cum laude)
Tracyann Ddamulira
Nicholas Lawrence De Nobrega
Daniel Simon Dix (magna cum laude)
Thandekile Martha Dladla
Courtney Douglas
Aimee Frith Du Plessis (magna cum laude)
Danai Anita Dzimwasha
Yumna Ederies
Stephanie Ellis
Daniel Robert Erasmus (cum laude)
Luciano Luis Reis Fernandes
Kyle Fredericks
Michael Stewart Geel
David Thomas Golding
Lula Rachel Grant (cum laude)
William Colin Hayne
Nicole Gina Hebblethwaite
Siphenkosi Hlangu
Graeme Mark Irvine
Ntombifuthi Kamanga
Courtney Ann Kennedy
Ah Young Kim
Ariella Gemma Klug
Julia Elizabeth Lamprecht
Jared Levy
Matt Levy
Seemola Ntshiuwa Maboea
Khanyisa Michelle Makhapela
Wavhudi Mandende
Bonolo Masabata Marokane
Peter-Wallace Khazamula Mathebula

Melissa Anne Matthysen
Thandokazi Maxakatha
Ntokozo Mayekiso
Rendani Mbara
Corey Lamont Mbonge
Ukhanyo Qiniso Mdakane
Langelihle Denzil Mhlongo
Aamir Saeed Mohammed
Gaurakishore Das Moodley
Julian David Spearman Mort (cum laude)
Laurence Benedict Spearman Mort (cum laude)
Dumoluhle Gorden Moyo
Mulanga Mugivhi
Keamogetswe Musi
Refilwe Tapiwa Nfila
Asanda Phumelele Ngcobo
Sinekhaya Zanele Njovu
Emilio Raimund Nomdo
Sanda Nyoka
Vinayak Panday
Martinique Racquel Pietersen
Emma Jane Quiding
Radhapriya Ramjettan
Muano Livhuwani Ramurunzi
Julia Eve Rosenzweig
Thomas Anthony James Sandilands
Jered Shorkend
Saajidah Simjee (cum laude)
Asibonge Nqobani Ndabaningi Sithole
Jade Marjorie Smith
Johane Starke
Annabella Sylvie Stern (cum laude)
Matthew Aidan Straughan
Wajeeha Tajoodien
Natasha Esther Theunissen
Kagisho Thobejane
Audrey Tirivanhu
Sipho-Esihle Go-Tsego Tlhaole
Phelokazi Tsengiwe
Michelle Roslyn Tullis
Adele Maylene Van Breda
Joshua Stephen Van Rhyn (magna cum laude)
Cara Rebekah Whittall
Julia Mae Wilensky
Gina Robyn Willson
Olivia Louise Wimberley
Art Wynberg (magna cum laude)
Talitha Tulani Wyne
Oliver Ian Yates
Anelisa Sinethemba Zungu

POSTGRADUATE DIPLOMA IN LAW

Andrew David Duffy (with distinction)
Elisabeth Erhart

Lauren Jade Moos
Kamwanya Priscille Mutombo
Aisha Parker

DEGREE OF MASTER OF LAWS

Eva-Maria Bihler
Fiona Naleli Fiebig
Katharina Hagedorn
Esther Barbara Wambui Karanja
Caitlin Le Roith
Kiera Georgia Maher
Samantha Nobubele Mkandhla
Karabo Alfred Mokoena
Ruvimbo Annah Musvavairi (with distinction)
Savannah Tuscany Smit
Daniel James Torr

**DEGREE OF MASTER OF LAWS IN
COMMERCIAL LAW**

Sasha Porschia Africa
Vaziela Baker
Claudia Ballabeni
Henry Felix Ernst Beckenbauer (with distinction)
Niklas Julian Brüggert (with distinction)
Amelie Franziska Buchecker
Raaheel Bux
Mugove Beryl Chiwashira
Daniel Jacobus Rufus Dercksen (with distinction)
Felix Eckhardt
Denico Joel Ford (with distinction)
Luyanda Njabulo Gumede
Luca Jöran Hatke
Paul Hans Irsch
Daniel Jakob
Lebona Khabo
Lulama Daryl Khuzwayo
Petrus Kadhikwa Leonard
Giylah Liebenberg (with distinction)
Marsha Ovi Machika
Mwaiwathu Majawa
Mogale Kgwadi-A-Motse Maphila
Laura Vanessa Marty
Olivia Rose Meltzer
Ruth Rebecca Mirembe
Khomonani Mohlaba
Molefi Michael Mosanteli
Bayabonga Sphelele Myeni
Meameno Tuhafeni Nepembe
Katleho Kenneth Ntahale
Ibiyemi Ruth Olaoyenikan
Mohamed Fahdeel Parkar

Eryn Dean Petersen
 Neo Mavia Pilane
 Tracey Jenna Powell
 Abigail Halford Reynolds (with distinction)
 Gabi Richards-Smith (with distinction)
 Rudorwashe Rushwaya
 Sophie Savoly (with distinction)
 Fabian Nicolas Schiefner (with distinction)
 Jonas Adrian Schurgers
 Sebitesamang Semuli
 Jason Andrew Shephard
 Zhunga Alick Simbwalanga
 Zuzeka Siswana
 Fabian Ssebulime
 Vinia Dora Tepel
 Tobias Michael Thaler (with distinction)
 Aaron Joshua Tiffin
 Gizem Tursun
 Scott Richard Warwick

DEGREE OF MASTER OF LAWS IN DISPUTE RESOLUTION

Elena Cala Auksutat
 Thato Anea Kgokong
 Karolina Maria Marszalek (with distinction)
 Anna Oberlack
 James George Warrington

DEGREE OF MASTER OF LAWS IN ENVIRONMENTAL LAW

Johané Joline Berry (with distinction)
 Carmen Dodd
 Mbali Sbahle Gumede
 Ntombifuthi Flata Futhi Mvundla
 Celine Tyla Oates

DEGREE OF MASTER OF LAWS IN INTELLECTUAL PROPERTY LAW

Ryleigh Carlisle Adams
 Zoë-Kiara Almano
 Kukie Bolele
 Abdullah Effendi
 Kauthar Kasker
 Bontle Monnya
 Terina Moodley
 Sithembile Siyethaba Nyawose
 Laurettah Nyanchoka Osoro
 Eva-Maria Britta Riedel
 Nomfundo Precious Duduzile Shezi
 Nishaat Slamdien

Matlhogonolo Thomas
 Xoliswa Vuyisile Tsole

DEGREE OF MASTER OF LAWS IN INTERNATIONAL TRADE LAW

Daniel Colin Castling-Bolt
 Tinashe Eric Famba
 Mpeo Patricia Matsipa
 Nadja Charlene Völksen

DEGREE OF MASTER OF LAWS IN LABOUR LAW

Cilliers Neethling (with distinction)
 Zaheer Parker

DEGREE OF MASTER OF LAWS IN MARINE & ENVIRONMENTAL LAW

Carolynn Leigh Kistadoo

DEGREE OF MASTER OF LAWS IN SHIPPING LAW

Megan Molly Canning (with distinction)
 Jordan Cloete
 Kaushin Khan
 Jordan Tannen Morgan
 Tamara Munya Buranga
 Steven Matthew Naude
 Aubrey Nhlanhla Sosibo

DEGREE OF MASTER OF LAWS IN TAX LAW

Xhanti Matatela Nabi
 Jaret Cole Reddy

DEGREE OF MASTER OF LAWS IN THE LAW OF MINERAL & PETROL EXTRACTION & USE

Raquel Nsudila Lula Jonathan
 Rihupisee Rii Kavari
 Ruvarashe Makonese
 Anna Grace Mkucha (with distinction)
 Anda Douglas Njeza
 Siphamandla Tshaka

DEGREE OF MASTER OF PHILOSOPHY

Malusi Nzama
 Mabatho Selebeli

2. FACULTY OF SCIENCE

Dean: Professor H Suleman

DEGREE OF BACHELOR OF SCIENCE HONOURS

Hamza Amir (in the first class)
 Joshua Charles Anderson
 Savannah Mia Anderson (in the first class)
 Noerinine Appels
 Tessa Elizabeth Attwood (in the first class)
 Tariro Nathan Banganayi (in the first class)
 Akira Banwari
 Salmaan Barday
 Kristen Jodie Basson (in the first class)
 Siphwiwe Mogan Bogatsu
 Lutho Booii
 Oliver James Angus Borg (in the first class)
 Kale Neville Boyes (in the first class)
 Carl Martin Brann (in the first class)
 Benjamin Brent
 Anna Rose Brooke (in the first class)
 Joshua Daniel Browne
 Esther Burger (in the first class)
 Sihle Khanyiso Calana
 Maria Alexia Caldis
 Lucas Gabriel Carr (in the first class)
 Shaylin Chetty (in the first class)
 Benjamin Brian Chiddy (in the first class)
 Micaela Leigh Dale (in the first class)
 Shaakira Davood
 Olivia Dawson (in the first class)
 Christopher John Dennison-Farrar (in the first class)
 Ande Nsika Dlamini
 Sibusiso Khuzwayo Dlamini
 Sarah Amy du Preez (in the first class)
 Francois Du Toit
 Jacob Andrew Elkington (in the first class)
 Nikita Amber Erasmus
 Anna Marie Fastovsky (in the first class)
 Lara Catherine Featherstone (in the first class)

Claire Fielden	Tumelo Pamela Matobo	Calvin Swart (in the first class)
Tumisho Gabanangata	Relebohile Caroline Mbongo	Liam Ethan Talberg (in the first class)
Adeeb Gaibie (in the first class)	Neo Bonolo Mary-Stella Metsing	Isabella Tanzer (in the first class)
Jared Ganserer (in the first class)	Daniella Mhangwana	Fardoza Tohab (in the first class)
Mutshidzi Alucia Ganyane (in the first class)	Amelia Elizabeth Wilson Mills (in the first class)	Abongile Tom
Ahmed Ghoor	Shannon Kim Mispilon (in the first class)	Duncan Sutherland Torbet
Mohammed Sayed Gool	Refiloe Lerato Moliea	Mikaela Tuck (in the first class)
Connor Goosen	Victor Moloi (in the first class)	Rushil Vallabh
Sihle Gqoboka	Sanuri Moodley	Martine Van Den Berg (in the first class)
Mandilakhe Nathan Gqolana (in the first class)	Juliet Marie Morris (in the first class)	Georgie Kay Van Der Merwe (in the first class)
Tallulah Graziani	Orefile Morule	Korben Van Der Vendt
Catherine Grace Grobbelaar	Mohammed Taariq Mowzer (in the first class)	Ben Louis Van Huyssteen (in the first class)
Daniel Simon Guttmann	Chrysanthemum Tavonga Munatsi	Laylaa Varachia (in the first class)
Alice Robyn Gwynne-Evans (in the first class)	Micholan Jayson Nadarajan (in the first class)	Adam Guy Vere (in the first class)
Karabo Hadebe	Nervesh Naidoo (in the first class)	Michael Ryan Wade (in the first class)
Chipo Hamayobe	Chiranjeev Keshav Nathoo (in the first class)	Keane Roy Wanza
Muhammad Aakief Hassiem (in the first class)	Muhammad Adnaan Nauthoo	Clea Baker Welch (in the first class)
Erin Heath	Carlton Mondliwethu Ndhlovu	David Lee White (in the first class)
Sian May Heesom-Green (in the first class)	Mthokozisi Innocent Ndumo	Amber Louise Wilson
Timothy James Hitge (in the first class)	Muphulusi Nekhavhambe	Cameron Lee Worthington (in the first class)
Zahraa Hoosen	Sammy-Lee Nel	Nicholas Yerolemou (in the first class)
Aminul Hossain	Tanatswa Ntando Nemato	Devon Yeung (in the first class)
Christine Alison Hovy (in the first class)	Thabiso Nokuthula Nkadimeng	Chang Qi Yu
Olivia Rose Impson (in the first class)	Shané Carmen Noorman	Melissa Chengetai Zinyuku
Tristan Matthew Jackelman (in the first class)	Thabiso Ntlebi	
Athule James	Jonothan O'callaghan (in the first class)	DEGREE OF MASTER OF PHILOSOPHY
Chelsey Lucinda Jansen (in the first class)	Sofia Meret Olivier (in the first class)	Annelize Christine Kotze
Hannah Jassat (in the first class)	Olivia Page-Macdonald (in the first class)	
Christof Jooste	Zaine Dino Perry (in the first class)	DEGREE OF MASTER OF SCIENCE
Holly Alice Judge (in the first class)	Keagan Angus Petersen	Ali Aonali Chandoo (with distinction in the coursework component)
Winner Bryan Kazaka (in the first class)	Ansofie Magriet Pretorius	Jean Francois Du Plessis (with distinction)
Shreeya Khoosal (in the first class)	David Pullinger (in the first class)	Matthew Brian Gabin (with distinction in the dissertation)
Kyra Luthien Kummer (in the first class)	Nikita Qosholo (in the first class)	Bulungisa Jarana
Lesedi Lale	Joel Liam Radue (in the first class)	Malefeu Mamedupi Lethuba
Christopher Peter Lamprecht (in the first class)	Tjale Winnie Ramasha	Angelo Martins
Alec Christian Lang	Kayur Ranchod (in the first class)	Winfred Musengya Mutinda
Daniel Henri Le Jeune (in the first class)	Cameron Marcos Ramos Rebelo	Nikhil Ramraj
Qiulin Li (in the first class)	Clare Helen Roberts	Akinwale Ridwan Oladimeji
Yizhuo Li	Dylan Scott Rowell (in the first class)	Jake Hector Stangroom (with distinction)
Gary Grant Louw (in the first class)	Daniel Edward Samaai	Rachel Nicola Swallow (with distinction)
Kamilah Louw	Omri Sean Scannell (in the first class)	Mignon Van Der Watt (with distinction)
Mfundo Eugene Mabuza	Ivana Schäfer	Samantha Wagstaff
Sinoxolo Madasi	Mosamatsabiha Shaikh (in the first class)	
Gundo Madiba	Kelly-Anne Shaw	
Tadiwanashe Oliver Magwenzi	Lwazi Sibeko	
Lethube Phemelo Makgolane	Maganyase Elias Sihlangu	
Collins Maripane	Jade Christine Simoen (in the first class)	
Oliver Peter Marketos (in the first class)	Rinya Singh	
Mikateko Mata (in the first class)	Luke Dieter Slater (in the first class)	
Mothibi Mathivha (in the first class)	Tomas Antonio Slaven (in the first class)	
	Frank Sleigh Smuts (in the first class)	
	Amber Kate Sneddon (in the first class)	
	Bernard Albertus Strauss (in the first class)	

DEGREE OF DOCTOR
OF PHILOSOPHY

Matthew Christopher Horton

Thesis Title: *Investigating the trophic ecologies of early life history stages of small pelagic fishes in the Benguela upwelling ecosystem*

Matthew Horton completed his BSc (Hons) qualification at Imperial College London in 2014 before embarking on his MSc in Applied Ocean Science at UCT in 2016. He began his full-time PhD study at UCT at the beginning of 2019.

Matthew Horton's thesis focussed on the investigation of the ontogenetic development in morphology and trophic ecology of early life history stages of three commercially important small pelagic fish species in Southern Africa, and how this information can be used to help understand their roles in the ecosystem. He proposed mechanisms of trophic partitioning during these phases that could cause differences in early life mortality and lead to better understanding of recruitment dynamics. He utilised this information to investigate the effect of including a finer resolution of life history stages of small pelagics in a southern Benguela ecosystem model, which led him to propose suggestions for developing similarly disaggregated future models. Overall, the findings of his thesis will contribute to the already multi-faceted toolkit that is aimed to sustainably manage the small pelagic fishery in South Africa.

Supervisor: A/Professor L Shannon
(Biological Sciences)

Co-Supervisor: Dr C van der Lingen
(Department of Agriculture, Forestry and Fisheries and Biological Sciences)

Zandile Pearl Mahlangu

Thesis Title: *Identification of new therapeutic compounds against carbapenemase-producing Klebsiella pneumoniae using a novel agar-based high-throughput microarray compound screening approach*

Zandile Mahlangu holds a BSc degree in Microbiology and Biochemistry from the University of Zululand (2010). In 2011, she completed an honours degree in Medical Virology at the University of Limpopo (Medusa campus), followed by an MSc (with distinction) in Veterinary Science from the University of Pretoria (2015).

Zandile Mahlangu's thesis describes the development of a high-throughput microarray method for screening the chemical libraries to identify new antibacterial hits. The developed method enabled the screening of 4154 chemical entities against multidrug-resistant (MDR) *Klebsiella pneumoniae*, in a cost-effective manner. She applied stringent data-processing and data-mining approaches to find bioactive compounds in all data sets. The antibacterial screen did not yield any bioactive compounds, an outcome she attributes to the highly selective lipid bilayer outer membrane of the pathogen serving as a permeability barrier for the molecules and the lack of antibacterial properties of the screened compound library. The screening platform demonstrated great screening potential and paved the way for future drug screening campaigns against MDR *K. pneumoniae* and other pathogens of public health importance.

Supervisor: Dr V Singh (Drug Discovery and Development Centre H3D)

Co-supervisors: Dr A Tantoh (CSIR) and Dr K Alexandre (CSIR)

Sivile Abednigo Mgeese

Thesis Title: *The performance of a field scale biofiltration cells in reducing nutrient rich surface runoff from an informal settlement in South Africa*

Sivile Mgeese completed his BSc and BSc (Hons) qualifications at University of the Western Cape, where he passed his BSc (Hons) research project with

distinction. He completed his Master of Philosophy degree in 2010 at UCT and subsequently enrolled for a PhD.

Sivile Mgeese examined the ability of Nature based Solutions (NbS) as a viable option to treat and reduce nutrient rich surface water runoff that is being discharged from a South African informal settlement. His research used six field scale biofilter cells that were packed with different natural media to assess the effectiveness of each biofilter cell to treat and reduce nutrient rich surface runoff and he compared the results to local and international water quality guidelines. He discovered that large stone natural media, combined with assimilative properties of vegetation, offered the best natural media for treating and reducing nutrient rich surface runoff. This study provided an improved understanding of the efficacy of NbS treatment systems and contributed to the scientific body of literature on recovering and assessing the risk of reusing treated water for irrigation of food gardens that could be a significant finding to improve food insecurity in a water scarce South Africa.

Supervisor: Dr K Winter (Environmental and Geographical Science)

Nthabiseng Mokoena

Thesis Title: *Thaba-Bosiu, the birthplace of the Basotho nation: an historical archaeological study*

Nthabiseng Mokoena holds a BA in Environmental History and Development Studies from the National University of Lesotho, as well as BSc (Hons) and MSc degrees in Archaeology from the University of the Witwatersrand. She joined the Archaeology Department at UCT in 2017 for her PhD studies.

Nthabiseng Mokoena's thesis explores the history of the Basotho nation by tracing its roots at Thaba-Bosiu, a national heritage site in Lesotho, where the nation was formed. By combining historical and scientific approaches, she brings to light previously unknown and ignored histories of Basotho by highlighting the daily lives of people who settled on the mountain. The archaeological excavations conducted for this study have yielded a wide range

of material culture that includes local ceramics, beads, faunal remains and other foreign material, which have allowed her to use local knowledge to interpret and recreate the past. The findings in this study provide an alternative history of Basotho that is more familiar and informed by local voices.

Supervisor: Professor S Chirikure (Archaeology)
Co-Supervisor: Emeritus A/Professor S Hall (Archaeology)

Nicolette Whilna Peceur
Thesis Title: *The optical polarization variability of the blazar PKS 2155–304*

Nicolette Peceur from Paarl came to UCT in 2003 to study physics and astronomy. She completed her Honours in Experimental Physics in 2006, and graduated with distinction in 2008 with a MSc in Astrophysics and Space. She later followed her dream to complete a PhD in high energy astrophysics.

Nicolette Peceur's thesis reports on a spectral and temporal analysis and interpretation of over five years of multi-wavelength monitoring observations of the Blazar PKS 2155-304. PKS 2155-304 is an exemplar of highly energetic and time variable behaviour created by a supermassive black hole ejecting a jet of particles moving close to the speed of light. Nicolette Peceur's analysis reveals active phenomena on all time scales sampled in the observations, from minutes to years. Spectral and polarization analysis shows that there is a constant component to the radiation emission with properties related to the geometry of the jet, and variable component responsible for outbursts on all time scales and radiation frequencies arising from energetic magnetized shock waves propagating in the jet. The self-consistent picture emerging from this analysis will guide future studies of the Blazar phenomena.

Supervisor: Professor R Taylor (Astronomy)
Co-supervisor: Emeritus Professor R Kraan-Korteweg (Astronomy)

Nicole Inge Richardson
Thesis Title: *Molecular modeling studies of carbohydrate vaccine antigens: informing the future of vaccine design*

Nicole Richardson completed her BSc and BSc (Hons) qualifications at UCT in 2016. She then spent time in the biopharmaceutical industry, contributing to local vaccine development, before resuming her academic journey at UCT in 2020, progressing from MSc to PhD studies.

Nicole Richardson's research leverages computational methods for the conformational analysis of carbohydrates employed as vaccine antigen targets against pathogenic bacteria. Her thesis considers four different case studies comparing the conformational aspects of structurally related pairs or groups of antigens from a range of pathogenic bacteria, namely: *Haemophilus influenzae*, *Pasteurella multocida*, *Shigella flexneri*, and *Streptococcus pneumoniae*. This work contributes valuable insights to the design of more effective vaccines, as a conformational understanding of the antigen underscores the strategies pathogens employ to evade the immune system. The research also emphasised the importance of potential binding epitopes in rationalising cross-reactivity. The methodology she established can help direct future studies and vaccine development efforts, potentially leading to more effective protection against several bacterial pathogens. These findings and methodology will be useful in future rational design of vaccines against bacterial disease.

Supervisor: A/Professor N Ravenscroft (Chemistry)
Co-supervisor: Professor M Kuttel (Computer Science)

Genius Tevera
Thesis Title: *Nhoroondo muridzi wayo: the changing nature of archaeological research and heritage management at Great Zimbabwe*

Genius Tevera holds a BA honours in Archaeology, Heritage and Museum Studies from the Midlands State University and a Masters of Arts in Heritage Studies from the University of Witwatersrand. She joined the department of Archaeology at UCT in 2018 for her PhD studies.

Genius Tevera's thesis focuses on the changing nature of archaeological research and heritage management at Great Zimbabwe World Heritage Site. She combines qualitative and quantitative research approaches to investigate the relationship between communities and the various dimensions of archaeology and heritage management. Through gathering community perceptions and attitude towards practices at Great Zimbabwe, her thesis concludes that communities associated with the site have their own narratives and are fighting for a space to be heard. The conclusion to the thesis is that narratives belong to the owner - 'nhoroondo muridzi wayo' - and motivates for an inclusionary approach which recognises indigenous and local communities as legitimate producers and consumers of knowledge.

Supervisor: Professor S Chirikure (Archaeology)

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.