



February 2021

GRADUATION CEREMONY BLOEMFONTEIN CAMPUS

All Faculties
Master's and Doctoral Degrees

WEDNESDAY, 24 FEBRUARY 2021
10:00



UNIVERSITY OF THE FREE STATE
UNIVERSITEIT VAN DIE VRYSTAAT
YUNIVESITHI YA FREISTATA

PROGRAMME

24 FEBRUARY 2021

BLOEMFONTEIN CAMPUS

CONSTITUTION OF THE CONGREGATION

Chancellor: Prof B Mohale

OFFICIAL WELCOME

Rector and Vice-Chancellor: Prof FW Petersen

PRESENTATION OF CANDIDATES

Vice-Rector: Research, Innovation and Internationalisation

Prof RC Witthuhn

CONGRATULATORY MESSAGE

Chancellor: Prof B Mohale

DISSOLUTION OF THE CONGREGATION

Chancellor: Prof B Mohale

NATIONAL ANTHEM



NATIONAL ANTHEM OF SOUTH AFRICA

Nkosi sikelel' iAfrika

Maluphakanyisw' uphondo lwayo,
Yizwa imithandazo yethu,
Nkosi sikelela, thina lusapho lwayo.
Morena boloka setjhaba sa heso,
O fedise dintwa le 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.

ABOUT THE UFS

The University of the Free State (UFS) is one of the oldest institutions of higher education in South Africa. It opened its doors in 1904 in Bloemfontein as the Grey University College, with six students in the Humanities. Since then, the institution has grown to more than 40 000 students, spread over three campuses and across seven faculties (Economic and Management Sciences, Education, Health Sciences, the Humanities, Law, Natural and Agricultural Sciences, Theology and Religion).

Most of our students are located on the Bloemfontein Campus, with the Qwaqwa Campus situated in the picturesque Eastern Free State, serving a rapidly-growing number of rural students from the immediate area and surrounding provinces. The South Campus – also situated in Bloemfontein – serves as the centre for distance-learning programmes offered by the UFS, as well as alternative access to higher education for promising students who have not obtained the required marks in their final school examinations.

The UFS creates opportunities and growth through leading learning and teaching, focused research, and impactful engagement with society.

Situated in the heart of South Africa, our character of caring and diversity translates into an outstanding university experience.



DEVELOPMENT OF THE UFS CREST OVER MORE THAN A CENTURY



1904

Up to 1935, the same coat of arms was used as the Grey College School.



1935

By 1935, with the name change to University College of the Orange Free State, the coat of arms fell into disuse, especially among students.



1947

In 1947, an agreement between management and students led to the new motto Per Fidem ad Sapientiam (Through faith to wisdom).



1950

In 1952, it was changed to In Deo Sapientiae Lux (In God is the light of wisdom). The traditional orange, white and blue, linking the UFS to the South African national colours, changed in the late 1990s.

The orange was replaced by cherry red.



2011

The academic brand - the historic University of the Free State crest that has been the symbol of the university since 1952, has evolved to embrace the aesthetic expectations of the stakeholders.

The shape of the traditional academic shield has been simplified and contemporised. Much of the symbolism of the crest remains intact, acknowledging the location of the UFS brand as one of the country's premier institutions of higher education, with a proud history of academic excellence and an ever evolving, vibrant culture.



GRADUATION CEREMONY 2021

Honorary Awards | Honorary Doctorates

1950	GLP Moerdyk - DLitt (h.c.)		J du P Scholtz – DPhil (h.c.)		A Krog – DLitt (h.c.)
1951	NC Havenga – LLD (h.c.)	1986	S Grové – DMus (h.c.)		K Mokhele – DPhil (h.c.)
1952	Thos Blok – DEd (h.c.)		FP Retief – DMed (h.c.)		CJC Nel (Postuum) – PhD (h.c.)
	SHS Rubidge – DSc (h.c.)		JA Stegmann – DCom (h.c.)		L Quayle – DMus (h.c.)
1955	CR Swart – LLD (h.c.)	1987	WA Joubert – LLD (h.c.)		T (Karel) Schoeman – DLitt (h.c.)
	CA v Niekerk – LLD (h.c.)		B Kok – DPhil (h.c.)		YK Seedat – DMed (h.c.)
1958	CPB Brink – LLD (h.c.)		WP Venter – DCom (h.c.)		MK Seely – DSc (h.c.)
	CF Visser – DEd (h.c.)	1988	JJN Cloete – DAdmin (h.c.)		C Seerveld – DPhil (h.c.)
1959	DB Bosman – DLitt (h.c.)		FC Fensham – DLitt (h.c.)		F van Z Slabbert – DPhil (h.c.)
	SP le Roux – DScAgric (h.c.)		JW vd Riet –DPhil (h.c.)		JC Steyn – DLitt (h.c.)
	DF Malherbe – DLitt (h.c.)	1989	BJ Meyer – DSc (h.c.)		PA Verhoef – DTh (h.c.)
	GH v Rooyen - MA (h.c.)		N van Uden – PhD (h.c.)		L van den Heever – LLD (h.c.)
1960	SPE Boshoff – DLitt (h.c.)	1990	MG Corbett – LLD (h.c.)		HA Wessels – LLD (h.c.)
1961	T Boydell – DPhil (h.c.)		JS Rabie – DLitt (h.c.)	2005	A du P Heyns – DMed (h.c.)
1962	ES Botes – DEd (h.c.)	1991	SS Brand – DCom (h.c.)		JJF Durand – DPhil (h.c.)
	PE Rousseau – DSc (h.c.)		JWL de Villiers – DSc (h.c.)		JA Groenewald – DSc (h.c.)
1963	EH Louw – LLD (h.c.)		GT Fagan – DArch (h.c.)		WH Neuser – DTh (h.c.)
	EN Roberts – DSc (h.c.)		JH Hofmeyer – PhD (h.c.)		M Ramos - PhD (h.c.)
	JGF (Kaalkop) vd Merwe - DCom (h.c.)		E v Heerden – DLitt (h.c.)		SJ Terreblanche – DCom (h.c.)
	HF Verwoerd – DLitt et Phil (h.c.)	1992	JP Louw – DLitt (h.c.)	2006	T Moss – PhD (h.c.)
1966	PSZ Coetzee – DPhilTh (h.c.)		H Olivier – DSc (h.c.)		PV Cox – PhD (h.c.)
	PJ du Toit – DSc (h.c.)	1993	JD Anderson - DMed (h.c.)	2007	BJ (Bannie) Britz – DArch (h.c.)
	MS Louw – DCom (h.c.)		RR Arndt – DSc (h.c.)		KPD Maphalla - PhD (h.c.)
1967	SM Naudé – DSc (h.c.)		SJ Naudé – LLD (h.c.)	2008	D Ferreira – DSc (h.c.)
	LC Steyn – LLD (h.c.)	1994	JJ Human – DPhil (h.c.)	2009	JC Look – PhD (h.c.)
	BJ Vorster – LLD (h.c.)		JA Myburgh – DMed (h.c.)		LTC Harms – LLD (h.c.)
1968	SJ Naudé – DCom (h.c.)		JP vd Walt – DSc (h.c.)	2010	P Gordhan – PhD (h.c.)
1969	CW (Nellie) Swart – DPhil (h.c.)	1995	WA Landman – DEd (h.c.)		BBS Ngubane – PhD (h.c.)
	AJJ Wessels – DCom (h.c.)		WL Mouton – DPhil (h.c.)		AH Strydom – PhD (h.c.)
1970	GS Nienaber – DLitt (h.c.)	1996	WDO Marasas – DSc (h.c.)		M Jones – PhD (h.c.)
	HO Mönnig – DSc (h.c.)		NE Wiehahn – LLD (h.c.)	2011	D Tutu – DTh (h.c.)
1971	N Diederichs - DCom (h.c.)	1997	AP Brink – DLitt (h.c.)		P Fourie – DLitt (h.c.)
	RS Verster – DPhil (h.c.)		B Hurwitz – DPhil (h.c.)		OG Winfrey –DEd (h.c.)
1972	LW Hiemstra – DPhil (h.c.)	1998	FC Müller – DMed (h.c.)		RWM Frater – PhD (h.c.)
	PJ Meyer – DPhil (h.c.)	1999	FM Claerhout – DPhil (h.c.)		A Sawyer – DEd (h.c.)
1975	PJ Nienaber – DLitt (h.c.)		JJF Hefer – LLD (h.c.)	2012	RJ Goldstone – LLD (h.c.)
	De la H de Villiers – DScAgric (h.c.)		S Nigam - DSc (h.c.)		ER v Heerden – DLitt (h.c.)
	GJ Stander – DSc (h.c.)		WL Nkuhlu – DCom (h.c.)		M Nussbaum – DLitt (h.c.)
1976	AJA Roux – DSc (h.c.)		MA Ramphela – DPhil (h.c.)		OW Prozsky – MD (h.c.)
1978	SP Botha – DSc (h.c.)		HJO van Heerden – LLD (h.c.)		FDJ Brand – LLD (h.c.)
	EM van Zinderen Bakker – DSc (h.c.)		FJ van der Merwe – PhD (h.c.)	2013	ZKG Mda – DLitt (h.c.)
	HB Thom – DEd (h.c.)	2000	MH Daling – DCom (h.c.)	2014	ML Blum – PhD (h.c.)
1979	FCL Bosman – DPhil (h.c.)		TN Liversedge – PhD (h.c.)		L Mulvey – DLitt (h.c.)
	G Cronjé – DSocSc (h.c.)		I Mahomed – LLD (h.c.)	2015	L Brahimi – DPhil (h.c.)
	CJF Human – DCom (h.c.)	2001	BP Gilbertson – DCom (h.c.)		JM Samuel – DEd (h.c.)
1980	G Boonzaier – DPhil (h.c.)		NR Mandela – LLD (h.c.)		MA Oduyoye – DTh (h.c.)
1981	PW Botha – DPhil (h.c.)		EC Taglauer – DSc (h.c.)		JD Sacks – DEcon (h.c.)
	B Human – DCom (h.c.)	2002	BH Meyer - PhD (h.c.)	2016	RJ Khoza - DEcon (h.c.)
	SG Shuttleworth – DSc (h.c.)		BAK Rider – LLD (h.c.)		TA Manuel - DEcon (h.c.)
1982	BLS Franklin – DPhil (h.c.)		CF Slabber – PhD (h.c.)		M du Preez – PhD (h.c.)
	GvN Viljoen – DEd (h.c.)		JM Stetar – DEd (h.c.)		J Samoff - DPhil (h.c.)
1983	L Luyt – DCom (h.c.)	2003	EWA de Corte – DEd (h.c.)		F Haffajee - PhD (h.c.)
	SF Zaiman – DPhil (h.c.)		HA Serebro – DPhil (h.c.)	2017	PH Holloway - DSc (h.c.)
1984	HS Steyn - DSc (h.c.)	2004	AG Sykes – DSc (h.c.)		M Botha - LLD (h.c.)
	FR Tomlinson – DScAgric (h.c.)		S Badat – DPhil (h.c.)	2019	BL Fanaroff – DSc (h.c.)
	JH vd Berg – DMed (h.c.)		R Bringle – DPhil (h.c.)		J Mofokeng wa Makhetha – DLitt (h.c.)
1985	L Alberts - DSc (h.c.)		J de Wet – DMus (h.c.)		MB Molemela – LLD (h.c.)
	GG Cillié – DPhil (h.c.)		CF Fauconnier – DSc (h.c.)		
	SPD le Roux – DLitt (h.c.)		GJ Gerwel – DPhil (h.c.)		
	A Polson – DPhilMed (h.c.)		WD Jonker – DTh (h.c.)		

Shields of Honour, Council and Chancellor's Medals

1994	Prof FO Müller (Shield of Honour)	2003	Prof HC Janse van Rensburg (Council's Medal)
	RE Schoombie (Shield of Honour)		Prof SA Petersen (Shield of Honour)
1995	Prof FO Müller (Chancellor's Medal)	2008	Ludo Helsen (Shield of Honour)
	RE Schoombie (Chancellor's Medal)	2009	Prof JU Grobbelaar (Council's Medal)
1996	Prof S Mittman (Shield of Honour)	2010	Mrs AM Dippenaar (Chancellor's Medal)
1997	Prof M Jansens (Shield of Honour)	2014	Dr H Verster (Chancellor's Medal)
1998	Prof CJC Nel (Chancellor's Medal)	2014	Mr JL Pretorius (Chancellor's Medal)
	Prof C Swanepoel (Chancellor's Medal)	2016	Mr AD Osler (Chancellor's Medal)
1999	WJ (Hansie) Cronje (Shield of Honour)		Ms M van der Merwe (Chancellor's Medal)
	Prof David Justice (Shield of Honour)	2017	Ms JS Isaacs (Chancellor's Medal)
2000	Prof P Rosseel (Shield of Honour)	2019	Mr JF de Villiers (Chancellor's Medal)
	Prof MJ Viljoen (Chancellor's Medal)		Ms EM Oosthuizen (Council Medal)
2001	Prof PC Potgieter (Chancellor's Medal)		
2002	T Moss (Shield of Honour)		
	Prof CD Roode (Chancellor's Medal)		

MESSAGE FROM THE RECTOR AND VICE-CHANCELLOR

Message to postgraduate students

Dear Student

Congratulations on obtaining your degree! As a postgraduate student, you have become part of a fraternity of exceptional individuals who have graduated before you at the University of the Free State (UFS). In addition to that, you have managed to complete your studies during one of the most difficult years across the globe.

As a university recognised for academic excellence and quality education, we are proud to confer this degree upon you and we salute you for the years of hard work, perseverance, and dedication. We commend your resilience.

I also acknowledge and thank those who have helped you along the way to this big day – including your promoter, fellow students, friends, and loved ones. May you always treasure the memory of this moment as a monument of success in your life.

As a postgraduate student, you will be able to contribute to our changing world in informative and creative ways. I look forward to seeing the impact that you will make.

I invite you to stay connected with the UFS in the years to come, and to give back by supporting your alma mater. The continued involvement of our alumni strengthens the special community of alumni of this 117-year-old university.

May you experience a great sense of achievement, knowing that you have had a challenging and enriching learning experience.

The UFS is, after all, a place that inspires excellence and transforms lives.

I wish you well in your career and with your future endeavours.

PROF FW PETERSEN
RECTOR AND VICE-CHANCELLOR | UNIVERSITY OF THE FREE STATE

Boodskap aan nagraadse studente

Beste Student

Baie geluk met die verwerwing van jou graad! As nagraadse student het jy deel geword van 'n gemeenskap van uitsonderlike individue wat voor jou aan die Universiteit van die Vrystaat (UV) gegradueer het. Daarbenewens het jy daarin geslaag om jou studies te voltooi gedurende een van die moeilikste jare wêreldwyd.

As 'n universiteit wat erken word vir akademiese uitnemendheid en gehalte-onderrig, is ons trots om hierdie graad aan jou toe te ken en ons salueer jou vir die jare van harde werk, deursettingsvermoë en toewyding. Ons loof jou veerkragtigheid.

Ek gee ook erkenning aan en bedank diegene wat jou gehelp het op die pad na hierdie groot dag – onder wie jou promotor, medestudente, vriende en geliefdes. Mag jy altyd die herinnering aan hierdie oomblik koester as 'n monument van sukses in jou lewe.

As nagraadse student kan jy op insiggewende en kreatiewe wyse bydra tot ons veranderende wêreld. Ek sien uit daarna om te sien watter impak jy sal hê.

Ek nooi jou uit om in die toekoms met die UV in verbinding te bly en om terug te gee deur jou alma mater te ondersteun. Die voortgesette betrokkenheid van ons alumni versterk die spesiale alumnigemeenskap van hierdie 117-jaar-oue universiteit.



Mag jy 'n wonderlike gevoel van prestasie ervaar, wetende dat jy 'n uitdagende en verrykende leerervaring gehad het.

Die UV is immers 'n plek wat uitnemendheid inspireer en lewens verander.

Ek wens jou sterkte toe met jou loopbaan en met jou toekomstige ondernemings.

PROF FW PETERSEN
REKTOR EN VISEKANSELIER | UNIVERSITEIT VAN DIE VRYSTAAT

Molaetsa ho baithuti ba di-postgraduate Moithuti ya Ratehang

Re a o lebohisa ka ho fumana mangolo a hao a degree. Jwalo ka seithuti sa postgraduate, o fetohile karolo ya batho ba kgethehileng ba fumaneng mangolo a bona a graduate pele ho wena mona University of the Free State (UFS). Ho phaella mona, o kgonne ho qeta dithuto tsa hao ha nakong ya selemo e thata ka ho fetisisa ho pota lefatshe.

Jwalo ka yunivesithi e ipabolang ka bogabane ba thuto le boleng ba thuto, re motlotlo ho o neha degree ena le ho o thoholetsa bakeng sa dilemo tsa mosebetsi o thata, phehello, le boinehelo. Re a o babatsa ka ho hlaphohelwa ha hao nakong eo e thata.

Ke boela ke leboha le batho ba ileng ba o thusa tseleng ya hao ho fihla letsatsing lena la bohlokwa – ho kenyeletswa le promothara ya hao, baithuti-mmoho, metswalle, le baratuwa. E se e ka kamehla o ka tshwara jwalo ka letlotlo mohopolo wa motsotsong ona jwalo ka seemahale sa katleho bophelong ba hao.

Jwalo ka postgraduate, o tla kgona ho ba le seabo lefatsheng la rona le fetohang ka ditsela tse fanang ka tlhahisoleseding le tse le bopang. Ke shebile pele ho bona tshusumetso eo o tla ba le yona.

Ke o mema hore o dule o hokahane le UFS dilemong tse tlang, le ho kgutlisetsa ka ho tshehetsa alma mater ya hao. Seabo se tswelang pele sa alumni tsa rona se matlafatsa mokgato o kgethehileng wa alumni tsa yunivesithi ena e nang le dilemo tse 117.

E se e ka o ka ba le boikutlo bo kgethehileng ba phihlelo, mme o tsebe hore o bile le boiphilelo bo phephetsang le ho enneng ba ho ithuta.

UFS, bonneteng, ke sebaka se susumetsang mosebetsi o tswileng matsoho le ho fetola bophelo.

Ke o lakaletsa tse ntle mosebetsing wa hao le boitekong ba hao ba nako e tlang.

PROF FW PETERSEN
REKTOR AND VICE-CHANCELLOR | UNIVERSITY OF THE FREE STATE

VISION

The University of the Free State is a research-led, student-centred and regionally-engaged university that contributes to development and social justice through the production of globally competitive graduates and knowledge.

MOTTO

IN VERITATE SAPIENTIAE LUX

(In Truth is the Light of Wisdom)

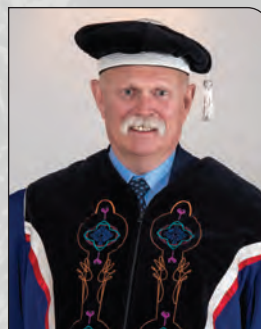
OFFICE BEARERS



CHANCELLOR
Prof B Mohale
Professor of Practice (JBS)



**RECTOR AND
VICE-CHANCELLOR**
Prof FW Petersen
PhD (SU)



CHAIR OF COUNCIL
Dr W Louw
PhD (SU)



**VICE RECTOR:
OPERATIONS**
Prof P Naidoo
PhD (VISTA)



**VICE-RECTOR:
ACADEMIC**
Dr EL van Staden
DPhil (UJ)



**VICE-RECTOR:
RESEARCH**
Prof RC Witthuhn
PhD (UFS)



REGISTRAR:
Mr NN Ntsababa
MPA (NMU)



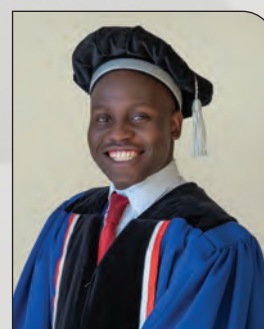
**CAMPUS PRINCIPAL:
SOUTH CAMPUS**
Dr M Madiope
DEd (Unisa)



**CAMPUS PRINCIPAL:
QWAQWA**
Dr M Mandew
PhD (UN)



**PRESIDENT OF
CONVOCATION**
Dr PD du Toit
PhD (UFS)



**PRESIDENT: STUDENT
REPRESENTATIVE
COUNCIL**
Mr MKB Lechoo

DEANS



**DEAN:
ECONOMIC AND
MANAGEMENT SCIENCES**

Prof HJ Kroukamp
DPhil (UPE)



**DEAN:
EDUCATION**

Prof LC Jita
PhD (MSU)



**DEAN:
HEALTH SCIENCES**

Prof GJ van Zyl
PhD (UFS)



**DEAN:
THE HUMANITIES**

Prof H Hudson
PhD (UFS)



**DEAN:
LAW**

Prof JC Mubangizi
LLD (UDW)



**DEAN:
NATURAL AND
AGRICULTURAL SCIENCES**

Prof PD Vermeulen
PhD (UFS)



**DEAN:
THEOLOGY AND RELIGION**

Prof RS Letšosa
PhD (PU/CHE)



**ACTING DEAN:
STUDENT AFFAIRS**

Ms N Morris
MBA (Wits)

UFS
STUDENT AFFAIRS
STUDENTESAKE
DITABA TSA BATHUTI

GUEST SPEAKER

PROF BONANG MOHALE

(Professor of Practice, JBS)



A Professor of Practice at the Johannesburg Business School's College of Business and Economics, and Chairman of the Bidvest Group Limited, Prof Bonang Mohale is a published author and respected business leader

who has held chairmanships and directorships at some of South Africa's top companies. He currently serves on the boards of Swiss Re Africa Limited, Rand Merchant Bank Limited (RMB), the Automobile Association of South Africa, and SBV.

Prof Mohale was former Chief Executive Officer of Business Leadership South Africa (BLSA). In 2001, he received the President's Award for his servanthood in South African industry, and in 2019 the Free Market Foundation's Luminary Award.

Prior to joining BLSA, Prof Mohale was the Chairman of Shell Downstream South Africa (Pty) Limited, and Vice-President of Shell Upstream.

He also served as Chairman of the Southern African Netherlands Chamber of Commerce, the Marketing Association of South Africa, the Institute of Marketing Management, and as Deputy Chairman of the national Heart Foundation. Prof Mohale also held directorships at the Airports Company South Africa, Sanlam, and the Tourism Business Council of South Africa, and was the Managing Director of Otis Elevators: Africa.

Prof Mohale is the author of the book, *Lift As You Rise*.

PLEASE NOTE

List of candidates receiving degrees, diplomas and certificates:

An * next to a name indicates that the degree, diploma or certificate is awarded with distinction.



DEAN |
PROF HJ KROUKAMP

MASTER'S DEGREES

MASTER OF ADMINISTRATION

TSOSANE, Mankopane Amelia

Dissertation Title: THE
INFLUENCE OF HUMAN
RESOURCE DEVELOPMENT
CHALLENGES ON PUBLIC
HEALTH SERVICE DELIVERY IN
MANGAUNG

Supervisor: Prof L Lues

MASTER OF BUSINESS ADMINISTRATION

MAEKANE, Rethabile Petrose

MAFATA, Pelonolo Coleen

MAHATANYA, Manini Glorious

MOKUENA, Joalane Pauline

MOKWA, Thuso

VAN WYK, Jani

WITH SPECIALISATION IN ECONOMICS

VULUKA, Nokuthula

MASTER OF DEVELOPMENT STUDIES

MDIYA, Yolisa Aviwe

TAPERER, Lennox

MASTER OF PUBLIC ADMINISTRATION

DLAMINI, Jonathan Mfanabili

HLANJWA, Mziwandile Samuel

MOKOAKOA, Ruth

DOCTOR PHILOSOPHY WITH SPECIALISATION OF IN BUSINESS ADMINISTRATION

MUTANDWA, Tawanda

Tawanda Mutandwa was born in Kadoma, Mashonaland, Zimbabwe on 06th April 1979. He matriculated at Dzivarasekwa High School in 1998. He attained his Higher National Diploma in Accountancy in 2003 and graduated with a Master's in Business Administration, Solusi University, Zimbabwe in March 2015 with 1st Class, Best Student Trophy and Magna Cum Laude. He is an Associate Member with ICSAZ Board and registered practising accountant. He started his career as External Auditor with the Auditor General's Office in Zimbabwe in 2003. He is currently working as Finance Manager with Newco Group Pty Ltd based in South Australia

With his thesis, **STRATEGY IMPLEMENTATION IN LOCAL AUTHORITIES IN MASHONALAND WEST, ZIMBABWE**, the candidate makes a valuable contribution to the scholarship on strategy implementation in local governments. With this contribution, he identifies the barriers that impede strategy implementation in local governments and presents solutions how these barriers can be overcome through the application of strategy implementation models and management approaches. The explanatory sequential mixed methods result of this investigation serve as an indication of the value this type of intervention holds for the attempt to find a solution to improved service delivery in local governments. The study presents that strategy implementation are positively and significantly related to the performance of local governments, and local governments' ability to deliver services effectively.

Promoter: Dr CJ Hendriks



BADARAI, Edson

Edson Badarai was born in Masvingo, Zimbabwe on 5 February 1978. He received his secondary education in Masvingo, where he matriculated at Gokomere High School in 1998. He obtained a BCom (Hons) in Accounting in 2003 at the National University of Science and Technology (ZW), and an MSc in Strategic Management in 2014 at Chinhoyi University of Technology (ZW). He started his career as an Accountant in 2004, rising through the ranks to Finance and Administration Manager, later to be Deputy Director – Administration. At present, he is the Head for Strategic Planning at the Public Service Commission (ZW).

With his thesis titled, **A MODEL OF TRANSFORMATIONAL LEADERSHIP AND ORGANISATIONAL PERFORMANCE IN STATE-OWNED ENTERPRISES IN ZIMBABWE**, the candidate contributed to the global literature on the influence of Transformational Leadership on Organisational Performance in state-owned enterprises in Zimbabwe in response to the leadership skills gap and poor performance in these enterprises. The candidate used the Competing Values Approach to ensure that the goals of various stakeholders were included in the measurement of organisational performance. The proposed conceptual model was tested using the responses of 302 managerial and non-managerial staff representing 12 state-owned enterprises in Zimbabwe, as well as government officials from line Ministries. The model supports the argument that Transformational Leadership encourages, motivates and inspires followers to pursue higher goals, while soft influence tactics, such as rational persuasion and inspirational appeals, encourage follower commitment, increase follower confidence, and persuade them to carry out tasks in order to enhance organisational performance.

Promoter: Prof. M. Kotzé

Co-Promoter: Prof P Nel

DOCTORAL DEGREES

DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN PUBLIC ADMINISTRATION AND MANAGEMENT

DU TOIT, Mangalane Maggy

Mangalane du Toit started her public service career as a social worker in the rural areas of Limpopo and progressed to various other positions within the Limpopo provincial government. She relocated to the Northern Cape, where she became responsible for customer care within the South African Social Security Agency and developed a fascination for improving processes in social grant administration and management. She has extensive experience in implementing and managing government development projects, particularly in rural settings. She is currently the Chief Director in the Northern Cape Restitution Branch of the Department of Agriculture, Land Reform and Rural Development.

With the thesis titled, **THE ADMINISTRATION OF SOCIAL GRANTS FOR ADULT PERSONS WITH DISABILITIES IN THE NORTHERN CAPE**, the candidate assesses efficiency in the administration of social grants for adult people with disabilities, using the 2011 Social Grants Disability Management Model. The study explains why, despite gatekeeping, applicants with



the same medical condition keep returning and are allowed through the system, only to be rejected again. The significance of the study lies in its attempt to improve efficiency in the administration of these social grants in the national sphere, and the recommendations will help develop clear, integrated policy guidelines on disability grant administration and will be captured in the Regulations to the Social Assistance Act, 2004 (Act 13 of 2004 as amended). In the provincial sphere, the results will inform uniform processes and structures to improve efficiency in disability grant administration and future concept documents or standard operating procedure manuals.

Promoter: Prof L Lues



DEAN | PROF LC JITA

MASTER'S DEGREES

MASTER OF ARTS IN HIGHER EDUCATION

MAKHATSANE, Makabelo
Iketleng

Dissertation Title: THE VALUE
OF THE RECOGNITION OF
PRIOR LEARNING IN
ENHANCING ACCESS AND
REDRESS IN TEACHER
EDUCATION

Supervisor: Dr KLG Teise

MOTAUNG, Hadio Rose

Dissertation Title: ENHANCING
STUDENT ENGAGEMENT OF A
FIRST-YEAR CLASS THROUGH
THE FLIPPED CLASSROOM
APPROACH

Supervisor: Dr SD Makhasane

Co-Supervisor: Mr VFS
Mudavanhu

TAYLOR, Maryke

Dissertation Title: SOCIAL
CAPITAL AS A RESOURCE FOR
IN-SERVICE TEACHER
DEVELOPMENT AND SUPPORT

Supervisor: Dr AE Scott

Co-supervisor: Dr CD Martin and
Dr SP Van Tonder

WILSNACH, Debbie

Dissertation Title: THE
ALIGNMENT OF
SIMULTANEOUS INTERPRETER
'S TRAINING WITH THE SOUTH
AFRICAN TRANSLATORS
INSTITUTE S REQUIREMENTS:
A QUALITY ASSURANCE
PERSPECTIVE

Supervisor: Dr SM Holtzhausen

Co-Supervisor: Mrs X Jansen
van Vuuren and Prof MM Nkoane

MASTER OF EDUCATION WITH SPECIALISATION IN CURRICU- LUM STUDIES

BHENGU, Ntombizinhle Rosemary

Dissertation Title: ENHANCING
MATHEMATICS FOR GRADE 4
LEARNERS' PROBLEM SOLVING
SKILLS IN WORD PROBLEMS

Supervisor: Dr TJ Moloi

Co-Supervisor: Dr MS Mosia

DOKTER, Sunia Marshall

Dissertation Title: SCHOOL-
BASED INSTRUCTIONAL
LEADERSHIP SUPPORT FOR
INFORMATION TECHNOLOGY
AND COMPUTER
APPLICATIONS TECHNOLOGY
SUBJECT TEACHERS

Supervisor: Dr T Jita

EMVULA, Hanna Monica

Dissertation Title: COMMON
ENGLISH GRAMMATICAL
WRITING ERRORS AMONG
NAMIBIAN GRADE 7 LEARNERS

Supervisor: Dr SA Ntsala

Co-Supervisor: Dr M Muller

KOLOTI, Arone Camillus

Dissertation Title: THE
CHALLENGES AND
OPPORTUNITIES OF TEACHING
READING IN GRADE R
CLASSES OF LESOTHO

Supervisor: Dr T Jita

MANZI, Wellington Itai

Dissertation Title:
INVESTIGATING
OPPORTUNITIES TO LEARN
IMPERFECT MARKET
STRUCTURES IN A GRADE 12
CLASS

Supervisor: Dr MM Mosia

Co-Supervisor: Dr BB Moreeng

MALIEHE, Dimakatso Ann

Dissertation Title: ENHANCING
THE ROLE OF LEARNING
FACILITATORS IN
SUPPORTING TEACHERS OF
SESOTHO HOME LANGUAGE

Supervisor: Dr B Moreeng

Co-Supervisor: Dr MD Tshelane



MORGAN, Willard Douglas*

Dissertation Title:

IDEOLOGICAL
REPRESENTATIONS OF
ENTREPRENEURSHIP IN HIGH
SCHOOL ECONOMIC AND
MANAGEMENT SCIENCES
TEXTBOOKS

Supervisor: Dr CD Martin

MOSALA, Ntsabeng Albertina*

Dissertation Title: THE ROLE OF
SCHOOL MANAGEMENT TEAMS
(SMTS) IN
SUPPORTING MATHEMATICS
TEACHING AND LEARNING IN
THE SENIOR PHASE (GRADE 7
TO 9)

Supervisor: Prof L.C Jita

Co-Supervisor: Dr O Ige

SAAYMAN, Irene

Dissertation Title: DIE IMPAK
VAN DIE
PROBLEEMOPLOSSINGSBE-
NADERING OP DIE LEERDERS
SE PRESTASIE IN WISKUNDIGE
GELETTERDHEID

Supervisor: Prof FJ Nieuwenhuis

Co-Supervisor: Mr SJ Coetzee

**MASTER OF EDUCATION
WITH SPECIALISATION IN
EDUCATION MANAGEMENT**

MOHALE, Mapotsane Amelia*

Dissertation Title: STRATEGIES
TO STRENGTHEN THE
TEACHING OF SECOND
LANGUAGE ENGLISH IN LARGE
GRADE 8 CLASSES

Supervisor: Prof MM Nkoane

ZENGEYA, Theresa Madzingsu

Dissertation Title:
CONSIDERATIONS OF TALENT
MANAGEMENT IN RETENTION
OF ACADEMICS: THE CASE
OF NATIONAL UNIVERSITY OF
LESOTHO

Supervisor: Dr DP Larey

Co-Supervisor: Prof G Alexander

**MASTER OF EDUCATION
WITH SPECIALISATION IN
PSYCHOLOGY OF EDUCATION**

HLENGETWA, Hlengiwe Cynthia

Dissertation Title: ENHANCING
THE ROLE OF TEACHERS IN
IMPLEMENTING INCLUSIVE
EDUCATION IN A PRIMARY
SCHOOL

Supervisor: Prof MM Nkoane

Co-Supervisor: Prof MG
Mahlomaholo

KOJANA, Retselisitsoe Kitima

Dissertation Title:

PSYCHOSOCIAL IMPLICATIONS
OF CURRICULUM CHANGE ON
LESOTHO TEACHERS

Supervisor: Dr FP Khanare

MONYANE, Mohapi Augustinus

Dissertation Title:

COLLABORATIVE SCHOOL
BOARD ROLES IN MITIGATING
DROPOUT AMONG CHILDREN
WITH PHYSICAL DISABILITIES
IN LESOTHO PRIMARY
SCHOOLS

Supervisor: Dr N Gcelu

Co-supervisor: Dr RJ Kgothule

MOSOLA, Lintle Lydia

Dissertation Title: ENHANCING
TEACHERS' SELF-EFFICACY
FOR SUPPORTING VISUALLY
IMPAIRED LEARNERS IN
LESOTHO SCHOOLS THROUGH
SCHOOL SUPPORT NETWORKS

Supervisor: Dr FP Khanare

SIMELANE, Excellent Bha

Dissertation Title:

INVESTIGATING THE PSYCHO-
SOCIAL CONSEQUENCES OF
TEENAGE PREGNANCY: AN
EXPLORATORY STUDY

Supervisor: Dr C Beyers



RANTHAMANE, Rosina
Makhethang

Dissertation Title:
INVESTIGATING THE PSYCHO-
EDUCATIONAL CHALLENGES
OF HIV AND AIDS ORPHANS IN
MPHAKI, QUTHING

Supervisor: Dr C Beyers

RAMATEA, Mamochana Anacletta

Dissertation Title: IMPROVING
THE WELL-BEING OF
LEARNERS WITH VISUAL
IMPAIRMENTS IN RURAL
LESOTHO SCHOOLS BY
MEANS OF AN ASSET-BASED
APPROACH

Supervisor: Dr FP Khanare

SELIANE, Masana Mary

Dissertation Title: ENHANCING
TEACHING STRATEGIES FOR
EDUCATING LEARNERS WITH
LEARNING DISABILITY IN
GRADE 1

Supervisor: Dr RJ Kgothule

PHOHLELI, Maphohleli Baptistina

Dissertation Title: EXPLORING
TEACHERS' PROFESSIONAL
RESILIENCE IN SELECTED
RURAL SCHOOLS IN LESOTHO

Supervisor: Dr BB Moreeng

MASTER OF EDUCATION WITH SPECIALISATION IN SUBJECT EDUCATION IN MATHEMATICS

MAFHENYA, Michael

Dissertation Title: TEACHERS
AND LEARNERS' ATTITUDES
AND ITS CONTRIBUTION
TO LOW PERFORMANCE IN
MATHEMATICS

Supervisor: Dr SA Tachie

MOKONE, Retselisitsoe Eszekiel

Dissertation Title: THE
TECHNOLOGICAL
PEDAGOGICAL CONTENT
KNOWLEDGE OF
MATHEMATICS TEACHERS
TEACHING GRADE 12
TRANSFORMATION

Supervisor: Dr M Rabaza

MASTER OF EDUCATION WITH SPECIALISATION IN EDUCATION POLICY STUDIES

MORAKE, Tswakae Joyce

Dissertation Title: EXPLORING
THE ALIGNMENT BETWEEN
THE POLICY IMAGE OF
TEACHERS AND TEACHERS'
NARRATIVE CONSTRUCTION
OF THEIR PROFESSIONAL
IDENTITY

Supervisor: Dr A Le Roux

Co-Supervisor: Dr M Muller

VON SOLMS, Nastassja

Dissertation Title: EXPLORING
THE EXPERIENCES OF
MAINSTREAM SCHOOLS WITH
THE IMPLEMENTATION OF
THE POLICY ON SCREENING,
IDENTIFICATION, ASSESSMENT
AND SUPPORT

Supervisor: Dr A Le Roux

MASTER OF HIGHER EDUCATION STUDIES

MOTAI, Collins Dumisani Morgan

Dissertation Title: MOTIVATION
AND EMOTIONAL PRAXIS: A
NARRATIVE STUDY OF
STUDENTS FROM LOWER
SOCIO-ECONOMIC
BACKGROUNDS

Supervisor: Dr M Muller



DOCTORAL DEGREES

DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN COMPARATIVE EDUCATION AND EDUCATION MANAGEMENT

CHIKUVADZE, Pinias

Pinias Chikuvadze was born in the Ndanga District in Masvingo Province, Zimbabwe on the 8th of April 1973. He matriculated from Zimuto High School in Masvingo Province, Zimbabwe in 1988. He enrolled to study for a Licentiate Degree in Education (Biology) with the Enrique Jose Varona Higher Institute of Pedagogy, Republic of Cuba and graduated in 1999. In 2010 he graduated with a Master of Science Education (Curriculum Studies) from the Bindura University of Science Education, Zimbabwe. His career as a science educator began in 1999 and he rose through the ranks to become a Principal Curriculum Research Officer in the Department of Quality Assurance and Standards – Ministry of Higher and Tertiary Education, Innovation, Science and Technology Development, Zimbabwe.

With his thesis titled, **FEMALE PUPILS' PERSPECTIVE ON SOCIETAL FACTORS INFLUENCING THEIR PROGRESSION IN ADVANCED LEVEL SCIENCE SUBJECTS IN ZIMBABWE**, the candidate contributes to scholarship on gender issues in education, focusing on how societal factors influence female pupils' progression in science education. Working from a feminist perspective, the candidate generated data through interviews with female pupils doing their Advanced Levels. The candidate presents the argument that despite the existence of the concept of gender equality in various official documents; inequalities persisted in participants' progression in science subjects. Factors influencing their progression were profoundly embedded in patriarchal rigidity, cultural stereotypes, prejudices and discernments held by society, and these were largely internalised by females themselves. The study highlights the need for cultural transformation and an evidence-based policymaking process in Zimbabwe.

Promoter: Prof L Jacobs

Co-Promoter: Dr A Le Roux

MOKONE, Nozimanga Dorah

Nozimanga Dorah Mokone was born on 20 December 1969 in Qibing, Wepener. She matriculated at Qibing Senior Secondary School in 1988 and later attained Primary Teachers Diploma at Kagisanong College of Education in January 1992 and Further Diploma in Education at the University of Pretoria in 1997. She graduated with a B.Ed. and M.Ed. Degrees at the University of Free State in 2000 and 2002 respectively. Her career as a teacher began at Zastron Public School in 1992. She rose through the ranks to become a Chief Education Specialist in the Free State Department.

With her thesis titled, **DESIGNING A SUSTAINABLE LEARNING ENVIRONMENT FOR MULTI- GRADE SCHOOL LEARNING**, the candidate contributes to knowledge base and insight on multi-grade school learning and ways on teaching on rural context. Principles of Participatory Action Research were used to operationalise ideas from Critical Emancipatory Research at the two selected Farm Schools in Motheo District of Free State Province to present an argument that multi- grade school learning has been ignored by many scholars. Challenges posed by the curriculum that is designed to suit monograde schools, lack of training on the multi-grade teaching approach and those that are experienced by teachers, Subject Advisors and parents, were identified. Good multi-grade classroom practices were explored, conducive conditions and threats that needed to be circumvented were identified and a strategy to improve the situation was developed with the participants as co- researchers.

Promoter: Dr MR Qhosola

Co-Promoter: Dr B Moreeng and Prof MG Mahlomaholo

**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN COMPARATIVE EDUCATION AND EDUCATION MANAGEMENT****SENKONENG**, Kegodisitswe Gedion

Kegodisitswe Gedion Senkoneng was born on the 6th July 1967 in Dryharts, Taung Magisterial District. He got his matric in 1985 Huhudi High School at Ganyesa in Kagisano Molopo Sub-district and got his University Diploma in Education from Taung College of Education in 1990, Further Diplomas (HED) UNISA (1997), and ACE Management and Leadership (2012) NWU. He graduated Bachelor of Education Honours cum laude TUT (2006), and Master of Education with distinction, University of the Free State (2015). His career as a teacher began in 1990, progressed to a school principal and part time lecturer with the University of the North West.

With his thesis titled, **A STRATEGY FOR SCHOOL MANAGEMENT TEAMS TO ENGENDER A CULTURE OF RESPECT FOR THE HUMAN DIGNITY OF LEARNERS BY TEACHERS IN THE CLASSROOM**, the candidate contributes to discourses on how school management teams could arrest the classroom situation to be a haven of cordial relationships during teaching and learning. The study depicted the duty of being accountable, caring and responsible teachers could positively impact on cordial relationships necessary for prolific pedagogic praxis. Bricolage was adopted as a theoretical framework and aided to set up the components of a progressive culture of respect for human dignity. Participatory Action Learning and Action Research was utilized in gathering empirical data. Critical Discourse Analysis was used to analyse data and open up productions to multiple discourses. The study recommends that SMTs need in charting a strong foundation and run programmes for in-service training, mentoring, collaboration and professional development.

Promoter: Prof MM Nkoane**Co-Promoter:** Prof MG Mahlomaholo**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN CURRICULUM STUDIES****MADONDO**, Manasa Munashe

Manasa Munashe Madondo was born on 21 May 1959, in Guruve, Mashonaland Central, Zimbabwe. After completing 'A' level at St Augustine's Mission (1977) he went on to do a BA (Gen) at the University of Zimbabwe (UZ) in 1980. He holds the following qualifications from UZ; Grad CE (1983), Post Grad Dip [Curriculum Studies] (1992), M ED [Curriculum Studies] (1998) and MSc [Social Ecology] (2011). He holds a Certificate in Environmental Education (EE) Rhodes University (2002). He has worked as a Secondary School Teacher (1981- mid 1988), Teacher College Lecturer (mid1988 – 2003) and a University lecturer (December 2003 to date).

With his thesis titled, **CURRICULUM REFORM AND CLASSROOM PRACTICE: TEACHING GEOGRAPHY IN THE ZIMBABWEAN CURRICULUM FRAMEWORK 2015 – 2022**, the candidate contributes to a growing body of knowledge and scholarship on how teachers understand and enact external instructional reforms in schools. Using the case of learner-centred pedagogy in the Zimbabwean Geography O-level classrooms, the study appeals to the sense-making theoretical construct through a multiple case-study design to explore the positive and negative signposts in the enactment of learner-centred pedagogy in Geography and other school subjects. The findings suggest that some historically-embedded teaching methods may be counter-productive to the adoption of learner-centred teaching in schools, thus the need for on-going staff development and membership of professional learning communities as vehicles for empowerment of local actors with knowledge and commitment on the intended reforms. As a formative evaluation study, the research makes an important contribution to the on-going curriculum implementation programme in Zimbabwe.

Promoter: Prof LC Jita



MURESHERWA, Edson

Edson MURESHERWA was born on 12 September 1965 in Chimanimani, Zimbabwe. He did his secondary education at St Patrick's Mission in 1985. After attaining a Certificate in Education at Belvedere Teachers' College in 1991, he joined the teaching profession and rose through the ranks to become a high school principal. He also acquired the following qualifications at various institutions in Zimbabwe: Master's degree in Educational Management, Master of Science degree in Human Resources Management, Bachelor of Education degree in Geography, Bachelor of Commerce degree in Human Resource Management, Diploma in Human Resource Management, and Diploma in Training Management.

With his thesis titled, **CHALLENGES AND OPPORTUNITIES TO INSTRUCTIONAL LEADERSHIP IN INCLUSIVE SECONDARY SCHOOLS OF ZIMBABWE**, the candidate contributes to scholarship on instructional leadership for inclusive education by taking context and personal identity out of the shadows of school leadership narratives. Using a qualitative multiple case study, the candidate explored how school heads understood instructional leadership for inclusive secondary schools and how sense-making explains instructional leadership practices in this instructional environment. Influenced by resources of biography, and messages from their school leadership environment, school heads understood instructional leadership for inclusive education as different sounds from echoes of a single drumbeat. This thesis presented conflicting messages from the school leadership environment as causing perceptual dilemma and disillusionment among school heads since, by roping in marginalised children through inclusive instructional practices, they also risked being marginalised themselves. As a result, their activities amounted to constant struggles to search and guarantee legitimacy.

Promoter: Prof LC Jita

VUNDLA, Cherron Nonceba

Nonceba Vundla was born on the 24th November 1974 in Empuqwini area of Nongoma, KwaZulu-Natal, in the Republic of South Africa. She matriculated in 1995. She graduated with BTech degree in (2009), Postgraduate Certificate in Education in (2011), Bachelor of Education Honours majoring in Inclusive Education in (2013) UNISA, and a Masters in Political Governance and Transformation Degree in UFS in (2016). She started work as Admin Clerk in Department of Education. Her career as a teacher began in 2011.

With her thesis titled, **IMPROVING READING COMPREHENSION IN ENGLISH FIRST ADDITIONAL LANGUAGE SPEAKERS**, the candidate contributes to scholarship by developing an approach as an improvement plan to diagnose learners and improve their reading comprehension and apply appropriate corrective strategies. This study adopted as a theoretical framework, Critical Epistemology Theory which is understood as the centre of knowledge and is transformative in its purpose. This theory is an intellectual and academic exercise, to contend or critique discourses. Data generated was analysed using three levels of Van Dijk's critical discourse analysis. Findings were that learners were limited in vocabulary skills and word recognition. The study recommended placing focus on principle intensive skills to enhance vocabulary and word recognition and assist reading comprehension.

Promoter: Prof MM Nkoane

Co-Promoter: Dr CT Tsotetsi

**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN EDUCATION MANAGEMENT AND LEADERSHIP****SEPIRITI, Simon Sepiriti**

Sepiriti Simon Sepiriti was born on 29 November 1986 at Qoqolosing in Leribe, Lesotho. He matriculated at Qoqolosing High School in 2004 and attained a Bachelor of Education degree in at the National University of Lesotho in 2009. He then enrolled with the University of the Free State where he successfully completed both Honours and Masters in Education in 2012 and 2015 respectively. His teaching career began in 2009 at 'Mamohau High School in Leribe district. Subsequently, he worked as a DTEP part-time lecturer at the Lesotho College of Education. Currently, he is a teacher at the Lesotho-China Fellowship Collegiate.

With his thesis titled, **INTEGRATION OF EXTREME LEDGER APPLICATION TO IMPROVE THE TEACHING AND LEARNING OF THE DOUBLE ENTRY PRINCIPLE IN ACCOUNTING**, the candidate by integrating Extreme Ledger Application (ELA), contributes to best praxes of teaching and learning of Double Entry (DE) in Lesotho secondary schools. Using Participatory Action Research, he selected 12 participants in three secondary schools in Leribe District primarily to establish the impact of integrating ELA in teaching and learning of DE. While participants argued strongly that ELA appears to be doing most of the important accounting procedures for learners, it enhances their performance both in DE and Statement of Financial Position activities. The study presents the argument that conventional methods cannot single-handedly produce competent Accounting learners who will be productive and competitive in the 21st century corporate world, where accounting packages are widely used. Therefore, ELA should be incorporated in Lesotho secondary schools.

Promoter: Prof MM Nkoane**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN HIGHER EDUCATION STUDIES****BESIGYE, Joseph Bazirake**

Joseph Bazirake Besigye was born on 20th September 1984 in Kampala, Uganda. In 1997, he completed his Primary Leaving Exams at Makerere university primary school in Kampala. He later completed his 'O' levels (2001) and 'A' levels (2003) at Busoga College Mwiri in Jinja, Uganda. Joseph graduated with a Bachelor of Social Science degree (Political Science & French) in 2008 and a Masters in Peace and Conflict Studies in 2014, both from Makerere University in Kampala. Joseph has been attached to the UFS since 2014. He has published five peer-reviewed journal articles and overseen the master's program in Reconciliation and Social Cohesion.

With his thesis titled, **THEORIZING INSTITUTIONAL CHANGE THROUGH A HISTORICAL ANALYSIS OF HIGHER EDUCATION IN SOUTH AFRICA AND A CASE STUDY OF THE UNIVERSITY OF THE FREE STATE**, the candidate contributes to scholarship on institutional change processes in higher education. The study first analyses theories and modalities of change in the international domain of higher education and then explores historical trajectories of change within the South African Higher Education sector between 1873 and 2010. Through the lens of theories of change, the case study of the University of the Free State subsequently offers an historical analysis of how the university navigated change and emerged from its apartheid history in the period between 1990 and 2010. The study concludes that institutional change mechanisms emerge as evolutionary processes within socio-political contexts, in which the evolution of a given polity has direct implications for institutional demarcations of change.

Promoter: Dr AC Suransky**Co-promoter:** Dr WP Wahl



BOTES, Wiets

Wiets Botes was born in Bloemfontein on 11 December 1984. He received his secondary education in Bloemfontein, where he matriculated at Dr Viljoen Secondary School in 2003. He obtained a Bachelor of Education degree in 2008, a Honours degree with a distinction in Curriculum Studies in 2014, a Master's degree in Higher Education studies in 2016, and the PhD in Higher Education studies in 2020 at the University of the Free State. He started his career as a Life Science teacher in Bloemfontein in 2008. In 2015 he was appointed as a part-time lecturer and teaching and learning coordinator in the Faculty of Education at the University of the Free State. Currently he is a lecturer in the School of Education at the Sol Plaatje University.

With his thesis titled, **THE DEVELOPMENT OF A PROFESSIONAL TEACHER SUPPORT PROGRAMME FOR NATURAL SCIENCE PRE-SERVICE TEACHERS**, the candidate contributes to the scholarship of Teaching and Learning in Higher Education through the development of a natural science pre-service teacher support programme. The study was governed by a series of objectives that shaped the development of a pre-service teacher support programme that is a product of community-led and student-led practices. These practices included Faculty-specific tutorial support to promote the Natural Science pre-service teachers' subject knowledge, peer-led presentations that shaped the Natural Science pre-service teachers' contextual and indigenous knowledge systems, a lesson study approach that supplemented the Natural Science pre-service teachers' pedagogical content knowledge and the development and use of improvised teaching resources which developed the Natural Science pre-service teachers' specialised pedagogical content knowledge. Two papers from this study have already been published in international journals.

Promoter: Dr MS Mosia

Co-Promoter: Dr BB Moreeng

DAMONS, Mary-Ann

Mary-Ann Damons was born in Plettenberg Bay on 20 May 1974. She matriculated at the Plettenberg Bay Senior Secondary School in 1992. She obtained a University Diploma in Social Work at the Huguenot College, in 1997 and the Degree Masters of Arts in Social Work at Wits University in 2015. Her career as social worker started in 1997 in the NGO sector. She worked as a military social worker from 2002 and in 2010 joined the academia as junior lecturer in Social Work, UFS. In 2012, she was appointed as Welfare Researcher in the Department of Social Development, Free State.

With her thesis titled, **DESIGNING AN AFROCENTRIC SOCIAL WORK STRATEGY THROUGH ADULT EDUCATION APPROACHES**, the candidate contributes to scholarship on adult education and the social work curriculum. It is a ground-breaking account of how currencies in the local community can be utilised to afford African knowledge a unique gateway through organised and coordinated actions to overcome challenges in current social work approaches and in the adult education curriculum. Mary-Ann Damons argues that for an in-depth social work strategy to be effective the adult education curriculum reformist has to be mindful "that context matters" and as such, Afrocentric ways ought to be applied to enable more discoveries of African ways to replace the current Eurocentric approach. The study is a unique assembly of contributions from local communities who willingly participated and learnt reflectively to unearth the mire of suffering unaccounted for and suffocated by the current practice of one size fits all in social work and its impact on the adult education curriculum.

Promoter: Dr MD Tshelane

Co-Promoters: Prof MM Nkoane and Prof MG Mahlomaholo

**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN HIGHER EDUCATION STUDIES****MOTSOENENG**, Molefi Shadrack

Molefi Shadrack Motsoeneng was born in Paul-Roux on 12 February 1968. He began his schooling at Middlefontein Farm School. He matriculated at Mampoi Secondary School in 1987. He graduated with Bachelor of Commerce degree at Vista University in 1998, Master in Business Administration at Potchefstroom University for Christian Higher Education in 2001 and Post graduate Diploma in Entrepreneurship in 2014. His career began in 1998 at Vista University in Student Affairs as projects manager, in 2005 he served briefly as Assistants Director (marketing) and in 2006 land up in Technology and Innovation unit managing the Central University, Free State Incubation Centre.

With her thesis titled, **ENTREPRENEURSHIP EDUCATION FOR TECHNICAL VOCATIONAL EDUCATION AND TRAINING COLLEGE LECTURERS: A FRAMEWORK FOR CAPACITATION**, the candidate contributes to scholarship on Pedagogical Content knowledge of EE lecturer, focusing on how lecturers teach the course in the classroom setting. The study operationalises the Participatory Action Research as the most appropriate methodology to address the problem of EE teaching at TVET College. Using a team approach in the teaching of EE, the study present that solutions proposed by people affected by the problem have the potential of being implemented. While the lecturer lacks pedagogical content knowledge, content knowledge and practical knowledge of the subject this can be addressed by assembling a team of knowledgeable people in the field of EE. The study presents a framework of the solutions proposed by those affected by the problem. Because they proposed from bottom to top approach the are likely of being implemented.

Promoter: Dr MR Qhosola**Co-Promoter:** Prof MG Mahlomaholo**HOLTZHAUSEN**, Sophia Maria

Somarié Holtzhausen was born in Welkom on 2 January 1971. She received her secondary education in Bloemfontein, where she matriculated at Sentraal High School in 1989. She obtained the degree Bachelor of Social Science (Social Work) in 1993, Bachelor Honours in Social Science in 1994, the degree Master of Social Science* (Psychology and Higher Education) in 1999, M (Higher Education) with distinction in 2003 at the University of the Free State (UFS) and D. Tech (Business Management) in 2003 at the Central University of Technology. She started her career as social worker in London (UK) in 1994. In 1996 she was appointed in the Centre for Higher Education Studies and Development (UFS) as researcher/lecturer and at present she is a senior lecturer at the UFS.

With her article-style thesis titled, **ANALYSING STUDENT AFFAIRS RESEARCH WITHIN HIGHER EDUCATION THROUGH BRONFENBRENNER'S BIO-ECOLOGICAL MODEL LENS**, the candidate makes a comprehensive theoretical, historic, practice-relevant contribution to four scholarly developmental roles of student affairs practitioners. With this contribution, she wants to demonstrate that student affairs should be more visible within higher education, with special emphasis on postgraduate student development. The results of this extensive document analysis investigation (i.e. 926 worldwide and 91 African peer-reviewed articles), based on the Council for the Advancement of Standards (CAS) in Higher Education's categories, served as an indication of the value this type of intervention holds for the attempt to determine the student affairs research position between 2008 and 2019. This research presents not only additional innovative CAS categories, but also strengthens the argument that scholarly student affairs practitioners should be flexible and theory-based in their praxis.

Promoter: Dr WP Wahl



LE GRANGE, Johannes Christiaan

Christie le Grange was born on 3 October 1977 in Pretoria, Gauteng. He matriculated at Fichardtspark High School in 1995. He obtained his B.Ed. (FET) degree at the University of the Free State with distinction in 2015. In 2016, he graduated with a B.Ed. Honours degree and was the recipient of the Dean's Medal. He obtained a Master of Education (Curriculum Studies) degree in 2017. Christie started his career at the University of the Free State in 2014 as a tutor and academic facilitator and is currently the academic literacy coordinator for the Faculty of Health Sciences and the extended reading programme.

With his thesis titled, **STRENGTHENING THE ALIGNMENT BETWEEN AN ACADEMIC LITERACY COURSE AND THE LITERACY NEEDS OF EDUCATION STUDENTS**, the candidate contributes to scholarship on academic literacy development in the Higher Education context by investigating the efficacy of the current academic literacy programme at the University of the Free State. Using a mixed-methods approach, the candidate shows that there exists a significant gap in terms of the academic literacy abilities required to effectively negotiate the course material of the Faculty of Education and the academic literacy course offered for the Education students at the University of the Free State. This study, firstly, contributes to academic literacy development by indicating the necessity to develop faculty-specific academic literacy courses and secondly, by outlining and illustrating a programme evaluation process to identify the relevant academic literacy abilities needed within a specific field of study.

Promoter: Dr FJ Kruger

Co-Promoter: Dr LM Drennan

LEHASA, Kelebogile Cecilia

Kelebogile Cecilia Lehasa was born in Kimberley on the 25th December 1963. She received her secondary education in Tweespruit, where she matriculated at the Mariasdal High School in 1982. She obtained a bachelor's degree in Nursing Science (Unisa) in 1996, a Masters Diploma in Human Resource Management (UJ) in 2000, and a Master's Degree in Health Studies (Unisa) in 2009. She started her career as a professional nurse in Bloemfontein in 1986, after which she was appointed in the Department of the Free State Premier. She retired in 2020.

With her thesis titled, **AN ADULT LEARNING PERSPECTIVE ON PROFESSIONAL DEVELOPMENT IN THE HUMAN RESOURCES DEPARTMENT OF THE FREE STATE PREMIER**, the candidate makes a valuable contribution to adult learning in the professional development domain. Audit reports unveiled gaps in service delivery in the human resources department of the Free State Premier. The candidate consolidated the legal and procedural impediments related to the termination of employment with the requirements for effective adult learning. An analysis of multiple sources of qualitative data enabled the extension of her initial theoretical-based framework to constitute an extensive professional development framework for addressing the training needs of adult learners. This is the first study of its kind in South Africa and this professional development framework can be used as a foundation for any other development programmes for adult learners to improve organisational service delivery.

Promoter: Prof SM Niemann

Co-Promoter: Dr M Jama

**VAN DER WESTHUIZEN, Tobias**

Tobias van der Westhuizen was born in Windhoek, Namibia, on 19 January 1964. He received his secondary education in Johannesburg, where he matriculated at the Success Correspondence College in 1982. He obtained a Diploma in Theology at the Auckland Park Theological College in 1992, the degree Baccalaureus Theologiae at the University of South Africa in 1995, and a Magister Artium (Theology) with distinction at the University of Pretoria. At present he is the owner and principal of Ridgfield Academy, an independent secondary school in Bloemfontein.

With his thesis titled, **CREATING A MEMORY FRAMEWORK FOR ADULT LEARNERS IN RELIGIOUS STUDIES**, the candidate contributes to scholarship on the ancient art of memory, with a specific focus on the method of loci. Using a heuristic approach, the candidate draws a comparison between the method of loci and the Biblical record of the incarnation of Jesus Christ, calling attention to the common aim of both to turn words into flesh by converting abstract truths into space-time journeys. The study indicates that the incarnation of the Logos, as presented in the Gospel of John and expounded upon in the rest of Scripture, not only correlates with the strategies of the mnemonists, but provides a workable model for reconceptualising definitions of knowledge, memory and education. The results of the study are the creation of an incarnational model of the book of Romans, illustrating the logical and practical implications of the research.

Promoter: Dr WP Wahl

DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN SUBJECT EDUCATION IN MATHEMATICS**MOKOTJO, Lindiwe Gloria**

Lindiwe Mokotjo was born in Dundee in KZN. She matriculated at Promat College. She obtained her first degree in 2007, BSc Hons Mathematics from Sheffield Hallam University in UK, obtained another Hons degree in Curriculum Studies in 2015, Masters in Curriculum Education in 2017 and the PhD in Mathematics Education in 2020 at the University of the Free State. Her career started as a teacher and then worked in the private sector for 10 years as insurance underwriter and later as a Forensics Auditor for Ernst and Young. Her passion for education found her when she was appointed as a lecturer at the university of the Free State. She is currently a Mathematics Lecturer, Curriculum Design and Development Coordinator and Community Engagement Coordinator at the University of Pretoria.

With his thesis titled, **THE INTEGRATION OF GEOGEBRA SOFTWARE IN THE TEACHING OF MATHEMATICS IN SOUTH AFRICAN HIGH SCHOOLS**, the candidate contributes to scholarship on ICT integration of mathematics software, focusing on how teachers integrate GeoGebra software in the teaching of mathematics in South African high schools. Using a qualitative case study design, Lindiwe samples four high school mathematics teachers in South African high schools to understand their experiences, perceptions and challenges in their integration of GeoGebra in the teaching of mathematics. Teachers' views emanate from their exposure in teaching mathematics using GeoGebra and other ICT tools as well as the professional development support available to them to enhance their mathematics teaching experience with ICT software and specifically GeoGebra. While teachers appeared enthusiastic about the integration of GeoGebra and found value in its ability to create an interactive and experimental experience of learning while enhancing conceptual understanding of mathematics in high school. The study concludes that the integration of GeoGebra and any other mathematics software or hardware does not happen in isolation to the social factors that affect the learning environment. The study recommends the enhancement of professional development with a focus on GeoGebra because of its strong link to the South African curriculum.

Promoter: Prof ML Mokhele Makgalwa

Co-Promoter: Dr SB Ijeh



DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN PHILOSOPHY AND POLICY STUDIES IN EDUCATION

MOKOBANE, Sonti Zelma

Sonti Zelma Mokobane is a full-time lecturer at the University of Pretoria. She was a lecturer at the University of the Free State, Faculty of Education from 2015-2017. Apart from the PhD degree to be conferred, she holds a MEd (Inclusive Education) from University of Johannesburg, BEd Hons (Special Needs) from North West University (Potchefstroom Campus), BA and Higher Educational Diploma from the University of Western Cape. Her research foci are: Diversity and Multicultural Education, Culturally Responsive Pedagogy and Social Justice. She is a member of the International Society for the Study of Behavioural Development.

With his thesis titled, **DEVELOPING GUIDELINES TOWARDS CULTURALLY RESPONSIVE SCHOOLS IN SOUTH AFRICA**, this study developed critical comments which can be used by South African schools to be culturally responsive. The post 1994 South African society necessitated changes to the education system in line with the vision of the Constitution, calling for new policies that would contribute to integrating the society. As a result, some schools became diverse in nature, but lacks the policy that underpinned the accommodation of diverse learners. Most schools then turned to adopt a contributions and assimilation approaches which impacted negatively on the academic performance of some learners. This qualitative study collected data through interviews and observations, informed by a literature review and analysis of education policies. The research site was an ex Model C school in Tshwane North, with participants drawn from teachers, learners and the principal. Findings revealed that the school was not culturally responsive, the major factors being confusion with practice and lack of policy document.

Promoter: Dr. KLG Teise

Co-Promoter: Prof L Jacobs

POTGIETER, Eduard

Eduard Potgieter was born on the 23rd of January 1982 in Bloemfontein. He matriculated from Hoërskool Sentraal in 2000. He graduated with a Bachelor of Education degree in 2004, with a Bachelor Honours in Education in 2005 and a Master of Education in 2012, all at the University of the Free State. His teaching career started in 2006 at Martie du Plessis School and he rose through the ranks to become a deputy principal and acting principal at Landboudal Agricultural School in Jacobsdal in the Southern Free State.

With his thesis titled, **ONTGROENINGSPRAKTYKE IN SKOLE: 'N ONDERSOEK NA DIE SPANNING TUSSEN POPULÊRE DISKOERSE EN DIE REGSRAAMWERK**, the candidate highlighted tension between the prevalent discourses on initiation ("ontgroening") in secondary schools and the legal framework that regulates such practices. Although some learners who were interviewed shared their fears and anger in response to these prohibited practices, many learners were vocal in their support and excited about future opportunities to initiate the juniors. This view finds strong support amongst parents and the general public, despite these practices leading to abuse of power. Drawing from Festinger's cognitive dissonance theory and Morgenthau's Balance of Power Theory, Potgieter concludes that if strong support for initiation exists, the Department of Education will struggle to eradicate the problem in schools.

Promoter: Prof L Jacobs

Co-Promoters: Dr KLG Teise and Prof M Reyneke

**DOCTOR OF PHILOSOPHY WITH SPECIALISATION PSYCHOLOGY OF EDUCATION****LETSIE, Puleng Relebohile**

Puleng Relebohile Letsie was born in Maseru, Lesotho on 9 May 1975. She received her secondary education in Mohale's Hoek, Lesotho, where she matriculated at St Stephen's High School in 1991. She obtained the Bachelor of Education degree in 1996 at the National University of Lesotho, a Bachelor of Education (Hons) with distinction in 1998, and a Master of Education (Psychology) in 1999 at the University of the Free State. She obtained a Post Graduate Diploma in Public Health from MEDUNSA in 2002 and the PhD in Psychology of Education in 2020 at the University of the Free State. She started her career as Senior Information, Education and Communication Officer at the National AIDS Prevention and Control Programme in Lesotho in 1999. She then worked for the United Nations in Lesotho from 2002, and various non-governmental organisations in Lesotho and South Africa. She is currently a Regional Coordinator at the United Nations Population Fund (UNFPA) East and Southern Africa Regional Office.

With her thesis titled, **SOCIODEMOGRAPHIC FACTORS AND THEIR INFLUENCE ON SCHOOL HEALTH AND HIV PROGRAMMES: THE CASE OF LESOTHO**, the candidate makes a contribution to the refinement of the Education sector's health and HIV programmes by highlighting some of the challenges posed by the health issues and HIV in the sector, and their relationship to sociodemographic factors. She draws special attention to how gender and culture influence and affect school health and HIV programmes, specifically comprehensive sexuality education. Through the Gender and Culture Transformative Implementation (GCTI) framework for Sexuality Education and School Health programmes developed, the study recommends modalities, with policy direction and imperatives that the education sector can implement to effectively and successfully implement school health and HIV programmes. For these programmes to be effective, meaningful, and efficient, they should be implemented alongside youth-friendly health services; and should look beyond the individual to the society, also addressing underlying contextual issues, such as gender and culture, for them to have considerable impact.

Promoter: Dr C Beyers**MORELLE, Mokwena**

Mokwena Morelle was born on 07 April 1973 in Moruleng Village, Greenside section. He matriculated at Kgamanyane High School in 1992 and later completed his University Diploma in Hotel Industry at Hotel and Catering Training Centre (from University of George and Lloyds). In 1994 he graduated at University of North-West (UDEP) and in 1996 he obtained (HED) at University of Potchefstroom and ACE in 1998. He graduated at Cambridge Academy for (HRM) in 2000 and Bachelor Honours in Education at University of Port Elizabeth in 2003. Mokwena obtained a Master of Education at UNISA in 2016. His career as a school principal began in 2012 to date.

With his thesis titled, **STRATEGIES TO IMPROVE THE TEACHING OF LEARNERS WITH VISUAL IMPAIRMENT IN INCLUSIVE CLASSROOMS**, the candidate contributes to the principles of social justice, inclusion, diversity and equality. This qualitative research, underpinned by interpretive method as a paradigm, focuses mainly on the teaching strategies that enhance successful inclusion of learners with visual impairment. Key findings uncovered that teachers do not have adequate support and training to handle these learners. Lack of resources with assistive technology is also a worrying factor with regards to the implementation of differentiated teaching strategies.

Promoter: Dr RJ Kgothule



DEAN |
PROF GJ VAN ZYL

HEALTH SCIENCES EDUCATION

MASTER'S DEGREES

**MASTER OF HEALTH
PROFESSIONS EDUCATION**

MOODLEY, Anandan Angamathu

Dissertation Title: TRAINING
FOR INTERPERSONAL
COMMUNICATION SKILLS
RELEVANT TO NEUROLOGICAL
PRACTICE IN SOUTH AFRICA

Supervisor: Dr J Bezuidenhout

Co-Supervisor: Dr A van
Aswegen

ROSSOUW, Maria Magdalena

Dissertation Title: A FEASIBLE
DIABETES MANAGEMENT
GUIDELINE FOR PRIMARY
HEALTH CARE PRACTITIONERS
IN THE FREE STATE FOR
WORKPLACE LEARNING

Supervisor: Dr AO Adefuye

Co-Supervisor: Dr M Reid

SAAIMAN, Christolene Mary
Berenice

Dissertation Title: AN
EVALUATIVE CASE STUDY FOR
UNDERGRADUATE COMMUNITY
SERVICE LEARNING IN
PHYSIOTHERAPY

Supervisor: Dr RW Botha

Co-Supervisor: Prof EC Janse
van Vuuren

DOCTORAL DEGREES

DOCTOR OF PHILOSOPHY IN HEALTH PROFESSIONS EDUCATION

BRITS, Hanneke

Hanneke Brits is a Family Physician in the Department of Family Medicine since 1996. She completed her undergraduate and post-graduate studies at the UFS. As a medical doctor, Hanneke is passionate about maternal and child health, paediatric palliative care and the clinical training and assessment of medical and allied health students.

With her thesis titled, **BEST PRACTICES FOR QUALITY ASSESSMENT IN THE CLINICAL PHASE OF UNDERGRADUATE MEDICAL TRAINING**, the overarching theme of the research was ensuring quality in the assessment of competency of undergraduate medical students. A sequential mixed method research design with pragmatism as the point of departure was used in the study. Firstly, an assessment framework was compiled to benchmark competency assessment, as no guideline existed. Secondly, the current assessment practices were evaluated from students' and lecturers' viewpoints. Current assessment methods were evaluated for reliability and repeatability. After measuring current assessments against the assessment framework, recommendations were made to the EXCO of the School of Clinical Medicine on how to ensure quality assessment. These recommendations included the training of assessors, implementation of workplace-based assessment and less emphasis on summative assessment to include only borderline students and re-assessment of competencies not yet achieved.

Promoter: Dr J Bezuidenhout

Co-Promoter: Dr LJ van der Merwe



PAULSE, Natalie

Natalie Pause was born in Cape Town on 15 October 1981. She matriculated at the Settlers High School, Bellville in 1999. She obtained a Bachelor in Medicine and Bachelor in Surgery (MBChB) in 2005 at the University of Stellenbosch. She graduated with a Master in Paediatrics (MMED) in 2013 at the University of the Free State. She holds a fellowship in Neonatology at the College of Paediatrics in South Africa, which she completed in 2018. She is currently employed at Kalafong Hospital in Pretoria in the department of paediatrics. She completed a PhD in 2020, University of the Free State.

With her thesis titled, **IMPROVING PATIENT EDUCATION TO DELIVER KANGAROO CARE (KC) IN THE FREE STATE**, the candidate contributes to the field of parental education and Kangaroo Care, focusing on developing directives for an education programme. Using a mixed-methods approach, the study explores the experiences of parents and health care workers during focus group discussions. Findings from the focus group discussions, together with the literature review were used to develop the Delphi survey tool. The Delphi survey provided validation by experts in the field, who reached consensus on what is deemed relevant for inclusion in a parent education programme

Promoter: Prof A Venter

Co-Promoter: Dr J Bezuidenhout

VORSTER DE WET, Petronella Christina

Roné Vorster de Wet was born on 22 June 1972 in Hoopstad, Free State, South Africa. She matriculated at Welkom Gimnasium High School in 1990. She graduated with a BSc degree in 1994, a Honours degree in 1995 and a Masters in Human Physiology in 1997 at Stellenbosch University. Her career as a lecturer began in 1998 at the University of the Western Cape and continued in 1999 at the University of the Free State. While teaching undergraduate and postgraduate Physiology, she developed an interest in student self-efficacy in the classroom.

With her thesis titled, **GUIDELINES FOR STUDENT SELF-EFFICACY IN THE TEACHING AND LEARNING ENVIRONMENT OF UNDERGRADUATE NATURAL SCIENCES**, the candidate contributes to scholarship on interrelated self-efficacy issues in the teaching and learning environment of undergraduate Natural Sciences, focusing on development of student self-efficacy guidelines. Using a mixed-methods approach, Vorster de Wet sampled 157 students to determine the status of self-efficacy. Identification of issues in the teaching and learning environment influencing student self-efficacy was done by means of a thematic analysis of semi-structured interviews with students and lecturers. This culminated in developing three guidelines with emphasis on self-regulated learning, self-regulated motivation, student engagement, student autonomy and future careers. The guidelines were developed to assist lecturers in the classroom in facilitating undergraduate student self-efficacy that may improve academic performance in Natural Sciences modules. The guidelines may be generalised and applied to undergraduate Natural Sciences students at other national and international Universities.

Promoter: Dr LJ van der Merwe

Co-Promoter: Dr L Nel



SCHOOL OF HEALTH AND REHABILITATION SCIENCES

MASTER'S DEGREES

MASTER OF ARTS IN HUMAN MOVEMENT SCIENCE

COETZEE, Daretha

Dissertation Title: RANDOMISED CROSS OVER TRIAL OF M.GLUTEUS MAXIMUS AND M.GLUTEUS MEDIUS ACTIVATION DURING REHABILITATION EXERCISES IN FEMALE HOCKEY PLAYERS.

Supervisor: Prof FF Coetzee

DE BRUIN, Marizanne

Dissertation Title: THE RELATIONSHIP BETWEEN CORE STABILITY AND ATHLETIC PERFORMANCE AMONG FEMALE UNIVERSITY ATHLETES.

Supervisor: Prof FF Coetzee

Co-Supervisor: Dr MM Opperman

MELESI, Kopano Zabulon

Dissertation Title: TIME MOTION ANALYSIS IN THE SOUTH AFRICAN PREMIER SOCCER LEAGUE USING GPS TECHNOLOGY

Supervisor: Prof FF Coetzee

SLOANE, Surita

Dissertation Title: ANALYSIS OF PERFORMANCE INDICATORS IN IPL TWENTY20 CRICKET FROM 2015 TO 2017

Supervisor: Dr R Schoeman

STEYN, Tertius Christopher

Dissertation Title: TIME MOTION ANALYSIS OF UNDER-19 RUGBY USING GPS TECHNOLOGY

Supervisor: Dr R Schoeman

MASTER OF OCCUPATIONAL THERAPY

BESTER, Jennilyn*

Dissertation Title: CAREGIVING AS AN OCCUPATION: THE EXPERIENCES OF PRIMARY CAREGIVERS OF YOUNG CHILDREN WITH CEREBRAL PALSY IN MANGAUNG

Supervisor: Mrs MM Visser

Co-Supervisor: Mrs RP Hattingh

KILIAN, Melissa*

Dissertation Title: FEASIBILITY OF USING THE RESIDENTIAL ENVIRONMENT IMPACT SCALE (REIS) AND THE ASSESSMENT

FOR OCCUPATIONAL AND SOCIAL ENGAGEMENT (ATOSE) AS ASSESSMENT TOOLS WITHIN ENGO RESIDENTIAL CARE FACILITIES IN THE FREE STATE PROVINCE, SOUTH AFRICA

Supervisor: Dr T Rauch van der Merwe

Co-Supervisor: Dr SHJ du Toit

MOONSAMY, Yarmon

Dissertation Title: PEOPLE RELATED ENVIRONMENTAL FACTORS AND OCCUPATIONAL PERFORMANCE OF PERSONS WITH SPINAL CORD INJURY IN SAUDI ARABIA

Supervisor: Mrs A Swanepoel

Co-Supervisor: Mrs H van Wyk

MASTER OF OPTOMETRY

BIDDULPH, Cara

Dissertation Title: OPTIMAL TIME FOR POST-OPERATIVE REFRACTION AFTER UNEVENTFUL CATARACT SURGERY

Supervisor: Dr M Oberholzer

Co-Supervisor: Dr E Kempen

HATIA, Sherazadh

Dissertation Title: THE PREVALENCE OF ANIRIDIA AND ASSOCIATED VISUAL AND



OCULAR COMPLICATIONS
AMONG LEARNERS IN
SCHOOLS FOR THE VISUALLY
IMPAIRED IN CENTRAL SOUTH
AFRICA

Supervisor: Prof TA Rasengane

Co-supervisor: Dr BD Henderson

MAFEO, Mmakoma Eugenia

Dissertation Title: AMPLITUDE
OF ACCOMMODATION IN 9
TO 13 YEAR OLD SCHOOL
CHILDREN OF MANKWENG
CIRCUIT, LIMPOPO PROVINCE

Supervisor: Dr M Oberholzer

Co-Supervisor: Prof TA
Rasengane

RAMANTSI, Boitumelo Monica
Loraincia

Dissertation Title: A VISION
CHECKLIST AS A VISION
SCREENING TOOL BY GRADE
R TO GRADE 3 TEACHERS IN
QUINTILE 1 SCHOOLS

Supervisor: Prof TA Rasengane

Co-Supervisor: Dr T Jita

**MASTER OF SCIENCE IN
DIETETICS**

FOURIE, Natalie

Dissertation Title: REFEEDING
SYNDROME CHARACTERISED
BY HYPOPHOSPHATAEMIA
IN CHILDREN 0 – 59 MONTHS

DIAGNOSED WITH SEVERE
ACUTE MALNUTRITION IN A
SOUTH AFRICAN SETTING

Supervisor: Prof VL van den Berg

**MASTER OF SCIENCE IN
PHYSIOTHERAPY**

RAFFERTY, Keagan Oliver

Dissertation Title: RISK
FACTORS AND SHOULDER
DYSFUNCTION IN ELITE MALE
FAST BOWLERS IN SOUTH
AFRICA

Supervisor: Dr RY Barnes

DOCTORAL DEGREES

DOCTOR OF PHYSIOTHERAPY

VAN DER MERWE, Anke

Anke van der Merwe was born on 12 June 1985 in Somerset West, Cape Town where she matriculated at Parel Vallei High School in 2003. She obtained a BSc Physiotherapy degree at the University of Stellenbosch in 2007 and a Master of Physiotherapy at the University of the Free State in 2013. Her involvement in tertiary education began in 2010 as a part-time clinical supervisor at the Department of Physiotherapy at the University of the Free State and was appointed as a full-time lecturer in 2014. Anke is passionate about teaching and learning as well as research.

With her thesis titled, **A FRAMEWORK FOR THE INTEGRATION OF SIMULATION IN UNDERGRADUATE PHYSIOTHERAPY: CONTEXTUALISED FOR SOUTH AFRICA**, the candidate contributes to scholarship in physiotherapy education. Using a multi-method approach, data was collected from healthcare educationalists from South Africa and abroad to develop and validate a framework for the integration of simulation within the South African undergraduate physiotherapy programme. The framework highlights the preparation required by both educators and students, emphasising a collaborative approach to simulation integration in a resource- restricted South African setting. The study presents the argument that curriculum and simulation authenticity are essential for optimising preparation of graduates for practice, with consideration of all stakeholder needs and resource availability in guiding simulation integration. Though it is generic in nature, the Framework may be applicable for use in any healthcare programme.

Promoter: Dr RY Barnes

Co-Promoter: Prof MJ Labuschagne



SCHOOL OF CLINICAL MEDICINE

MASTER'S DEGREES

MASTER OF MEDICAL SCIENCE WITH SPECIALISATION IN MEDICAL PHYSICS

JOUBERT, Maria Magdalena

Dissertation Title: COMPARISON
BETWEEN MEASURED AND
SIMULATED ACTIVITY USING
GAFCHROMIC FILM WITH
RADIONUCLIDES

Supervisor: Dr FCP du Plessis

Co-Supervisor: Dr JA van Staden

MAKOSA, Frank

Dissertation Title: COMPUTED
TOMOGRAPHY RADIOMICS
TEXTURE FEATURES
DEPENDENCE ON IMAGING
PARAMETERS

Supervisor: Dr SN Acho

Co-Supervisors: Prof WID Rae
and Prof LE Court

PHUTHEHO, Mokete

Dissertation Title: ESTIMATION
OF THE EYE LENS DOSES
IN A CATHETERIZATION

LABORATORY FROM AVAILABLE
IMAGE PARAMETERS.

Supervisor: Dr SN Acho and Prof
WID Rae

Co-Supervisor: Dr A Rose

MASTER OF MEDICINE IN ANAESTHESIOLOGY

CLOETE, Nadia Danielle

KEDIEGILE, Gaone

SWART, Reinier

MASTER OF MEDICINE IN COMMUNITY HEALTH

MOKOENA, Ramasedi Samuel

MASTER OF MEDICINE IN DERMATOLOGY

O'KENNEDY, Jeremy David

MASTER OF MEDICINE IN FAMILY MEDICINE

MUZA, Lizwe Calvin

MASTER OF MEDICINE IN INTERNAL MEDICINE

AHMAD, Fayyaz

MOHALE, Malekhetho

MASTER OF MEDICINE IN OBSTETRICS AND GYNAECOLOGY

ELAMMARI, Samia R Mohammed

MAKGATO, Calvin Mongamola

MAROKANE, Masekhokho
Mamotlalekaomo Pearl

VAN WYNGAARD, Bianca

MASTER OF MEDICINE IN OPHTHALMOLOGY

ENGELBRECHT, Christian*

MASTER OF MEDICINE IN OTORHINOLARYNGOLOGY

MATIMBA, Abongile

RAMDHANI, Devesh

MASTER OF MEDICINE IN PAEDIATRICS

BODIBA, Tshepho Lesiba
Laurence

DE ABREU, Nelson Serrao

DUBA, Sithembiso Eric

NGWENYAMA, Princess Zinzile

NYINDI, Nompri Margaret

OSMAN, Tabassum

MASTER OF MEDICINE IN PSYCHIATRY

KOEKEMOER, Heinrich Tertius

MIENIE, Jan Konig

MODUPI, Mosa Bonolo



MASTER OF MEDICINE IN RADIATION ONCOLOGY

BUTHELEZI-ZULU, Thandeka
Nompumelelo

MHLONGO, Sthenjiswa Xolokuhle
Perpetua

ROTHMAN, Mariëtte

MASTER OF MEDICINE IN SURGERY

NDAKU, Reabetswe Bardott

ROBERTS, Nadia

DOCTORAL DEGREES

DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN CARDIOTHORACIC SURGERY

VAN DEN HEEVER, Johannes Jacobus

Johannes Jacobus van den Heever matriculated in 1980 at Wessel Maree Hoërskool in Odendaalsrus. He received a BSc degree in 1985 from the Potchefstroom University of Christian Higher Education, an Bachelor Honours of Science degree in 1988 and a Master Medical Science (cum laude) degree in Cardiothoracic Surgery in 2008, both from the UFS. He commenced his career in 1986 as a laboratory assistant in zoology at the UFS and was appointed as a medical scientist at the Department of Cardiothoracic Surgery in 1987. He is currently a senior medical scientist and the manager of the Tissue Laboratory and Heart Valve Bank at the UFS.

With his thesis titled, **PROCESSED PULMONARY HOMOGRAFTS IN THE RIGHT VENTRICLE OUTFLOW TRACT: AN EXPERIMENTAL STUDY IN THE JUVENILE OVINE MODEL**, the candidate contributes towards the field of tissue engineering in homograft transplantation. Utilisation of a proprietary chemical and mechanical decellularisation process to reduce immune mediated valve failure and calcification, enabled decellularised homograft scaffolds to be tissue-engineered in an attempt to extend the lifetime and durability of transplanted donor valved conduits used to correct congenital abnormalities of right ventricle outflow tracts. This group was compared to a standard cryopreserved group as well as a decellularised and glutaraldehyde fixed group. In comparison, significant host-cell ingrowth and new collagen production occurred in the decellularised scaffold. Calcification and valve shrinkage were mitigated, while tissue strength and flexibility were not compromised. These findings hold valuable potential for the quest to create homograft conduits with extended durability, which can be used to repair congenital abnormalities in humans.

Promoter: Prof FE Smit

Co-Promoter: Prof PM Dohmen



DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN INTERNAL MEDICINE

DE LANGE, Willem

Dr Wimpie de Lange was born in Bloemfontein on 25 June 1977. He matriculated from Fichardtpark High School in 1995. He obtained the degree MB., ChB. in 2001 (UFS), and the degree M.Med. (Internal Medicine) (UFS) in 2007. He received the Certificate in Endocrinology and Metabolism from the Colleges of Medicine in South Africa in 2010. Dr De Lange joined the Department of Internal Medicine (UFS), Universitas Academic Hospital in 2010 as senior specialist and senior lecturer in Endocrinology. He visited Harvard Medical School in 2012 to further his studies on thyroid disease. He is currently in private practice in Bloemfontein.

With his thesis titled, **BONE HEALTH IN GRAVES' DISEASE: A COMPARISON OF BLACK AND WHITE SOUTH AFRICAN WOMEN**, the candidate provides the first description of the effects of Graves' disease on the bone health of South African women. This thesis makes an important contribution to the knowledge of and insight into this topic. The assessors commended the candidate for the extent of the research and effort invested in this study. He made use of mixed research methods including bone histomorphometry which was the most novel part of the study. This study provides original data on bone histomorphometry as well as on other aspects of bone and calcium metabolism in black South African women such as the gain in bone mineral density after the successful treatment of Graves' disease

Promoter: Prof WF Mollentze and Prof J Pettifor

Co-Promoter: Prof SF Hough

SCHOOL OF NURSING	NIEUWENHUIS, Elizabeth Catharina	COLLABORATIVE PRACTICE ON A RURAL LEARNING PLATFORM, XHARIEP DISTRICT
MASTER'S DEGREES	Dissertation Title: CARE NEEDS OF THE FRAIL ELDERLY AT HOME IN MATWABENG	Supervisor: Prof A Joubert
MASTER OF NURSING	Supervisor: Dr I Venter Co-Supervisor: Dr L Hugo-van Dyk	
ORTON, Annelie Magrietha	MASTER OF SOCIAL SCIENCE IN NURSING	
Dissertation Title: AN INTEGRATIVE REVIEW OF SUPPORTIVE CLINICAL LEARNING ENVIRONMENT STRATEGIES FOR UNDERGRADUATE STUDENTS IN HEALTH SCIENCES	DINTHE, Nompumelelo Lucy	
Supervisor: Mrs MA Pienaar Co-Supervisor: Prof Y Botma	Dissertation Title: HEALTH SCIENCES STUDENTS' PERCEPTIONS OF	



DOCTORAL DEGREES

DOCTOR OF PHILOSOPHY IN NURSING

JANSEN, Ronelle

Ronelle Jansen was born in Bloemfontein on 16 April 1970. She received her secondary education in Bloemfontein, where she matriculated at Jim Fouché High School in 1987. She obtained her B.Soc.Sc degree in 1991 and the Master's degree in Nursing (cum laude) in 2012, both at the UFS, the Master of Nursing Science in 2014 at NWU and the PhD in 2020 at the UFS. She started her career in 1992 as a registered nurse in Bloemfontein. In 2007, Ronelle was appointed in the School of Nursing and is presently a lecturer at the University of the Free State.

With her thesis titled, **AN MHEALTH COMMUNICATION FRAMEWORK FOR CAREGIVERS OF ADOLESCENTS WITH MENTAL HEALTH ISSUES**, the candidate contributes to the field of communication technology in mental healthcare with a novel mHealth framework focusing on caregivers of adolescents with mental health issues in a rural area of the Free State province of South Africa. This study is best conceptualised as the developmental phase of a complex research intervention. A pragmatic study was undertaken by employing a multiple method design and harnessing a three-phase approach guided by the theory-of-change logic model, while the integrated model of behaviour prediction served as a conceptualisation of the programme that targeted rural caregivers. The framework can facilitate a programme for supporting caregivers through an mHealth initiative and so improve mental health outcomes for adolescents.

Promoter: Dr M Reid

MBUTHIA, Florence Wangari

Florence Mbuthia was born in Murang'a town, Kenya on 31 July 1983. She received her secondary education in Murang'a town, where she matriculated at the Gitugi Girls Secondary School in 2001. She obtained her degree in Bachelor of Science in Nursing at Moi University, Eldoret in 2008 and the Master's in Public Health (Reproductive Health) at Kenyatta University, Nairobi in 2015. She started her career as a lecturer at Kenya Medical Training College in 2009. In 2015 she was appointed in the School of Nursing at the Dedan Kimathi University of Technology where she is currently appointed as a lecturer.

With her thesis titled, **A MOBILE HEALTH COMMUNICATION FRAMEWORK FOR POSTNATAL CARE IN RURAL KENYA**, the candidate makes a significant contribution to maternal and neonatal health by proposing a theory-based framework to promote uptake of postnatal care in rural Kenya. The theoretical underpinnings of the study were provided both by the Integrative Model of Behaviour Prediction and the Theory of Change Logic Model. A multi-method research design guided the development of the framework through a multi-phased approach. The framework incorporates the best available evidence and the contextual realities of rural settings incorporating users' and policymakers' perspectives. Kenyan policymaking authorities expressed their keen interest to pilot and implement the developed framework in order to improve uptake of postnatal care in rural areas.

Promoter: Dr M Reid

Co-Promoter: Dr AE Fichardt



PIENAAR, Melanie Ann

Melanie Pienaar was born in the diamond city of Kimberley on 19 March 1972. She received her secondary education in Kimberley, where she matriculated at the Homevale Secondary School in 1989. She obtained the Diploma in Nursing Science in 1994, Bachelor of Social Science in Nursing in 2005, and Masters in Nursing (cum laude) in 2016. She started her career as a registered nurse in Kimberley in 1994, became a lecturer at Henrietta Stockdale Nursing College in 2010, and was appointed as lecturer in 2017 at the School of Nursing at the University of Free State.

With her thesis titled, **A FACE-TO-FACE PEER SUPPORT MODEL FOR PATIENTS WITH TYPE 2 DIABETES**, the candidate makes a scholarly contribution by the development and implementation of a face-to-face peer support model for patients with Type 2 diabetes. The Integrated Model of Behaviour Prediction was used to conceptualise the study, due to its potential to effect behaviour change. The adopted pragmatic paradigm allowed a staged approach to be followed in the study, utilising multiple research methods. The study demonstrated that, despite modest results, a face-to-face peer support model that involves community health workers is a feasible option to improve self-management of patients diagnosed with Type 2 diabetes, especially in low and middle-income countries like South Africa.

Promoter: Dr M Reid

SHAWA, Mirriam

Mirriam Shawa was born on 24 June 1961 in Chipata, Eastern Province of Zambia. She matriculated at Chipata Day secondary school in 1981, attained a Diploma in Nursing with the best student award in primary health care in 1988. She later obtained a BSc degree in Nursing in 1997 from the University of Zambia, a PGDip in HIV/AIDS and a Master of Public Health in 2009 and 2012 respectively from the University of Limpopo. Her nursing career began in 1988 in Zambia before relocating to Lesotho, where she is currently the Faculty Development Coordinator at Paray School of Nursing.

With her thesis titled, **PEER SUPPORT GUIDELINES FOR NURSE EDUCATORS DURING CURRICULUM INNOVATION IN LESOTHO**, the candidate explores Globally, nursing education institutions are changing from content-based to outcome-based or competency-based curricula which involve pedagogical as well as assessment changes. These changes require commensurate professional development and ongoing support for educators. Insufficient support of educators contributes to curriculum drift. Hence, the candidate used a qualitative approach with multiple data collection methods to develop guidelines to enhance peer support among nurse educators during a curriculum innovation in Lesotho. Through an integrative literature review, the candidate described existing peer support strategies for educators. Nurse educators in Lesotho discussed their experiences of informal support strategies with the candidate during individual in-depth interviews. The candidate harnessed the findings generated from both methods to formulate preliminary guidelines according to the AGREE II guidelines by the World Health Organisation. An expert panel critiqued the preliminary guidelines and reached consensus on the final set of guidelines through a Delphi technique.

Promoter: Prof Y Botma



BEKKER, Elgonda Eritzema

Elgonda Eritzema Bekker was born in Kroonstad on 7 January 1971 with the help of a midwife. She matriculated in 1988 at Jim Fouché secondary school in Bloemfontein. She obtained the degree Bachelor of Social Science (Nursing) cum laude in 1992, a post-basic diploma in Nursing Education in 1994 and Master of Social Science (Advanced Midwifery and Neonatology) in 1998, all from the UFS. She started her clinical career as a hospital-based midwife in intrapartum and high-risk care. She expanded to an independent, active birth practice before assuming her present position as midwifery lecturer and coordinator at the School of Nursing, UFS.

With her thesis titled, **COMPETENCIES OF SOUTH AFRICAN MIDWIFERY EDUCATORS: A TRANSFORMATIVE FRAMEWORK**, the candidate presents a complex interrogation of the contribution of midwifery educators to quality maternal health in South Africa. Within a transformative paradigm with feminism as grand theory, this mixed methods study integrates a strengths-based approach of appreciating current midwifery educator strengths with a realistic view of their self-rated competency gaps. Through an intricate process of interweaving the strands of paradigm, grand theory, and data from multiple sources, a transformative framework was developed. Critique by experts in maternal healthcare and midwifery education from South Africa and abroad was incorporated to strengthen the framework, thus assuming a dialectic stance. Aimed at the empowerment of women and decolonisation of midwifery by means of knowledge democracy, the candidate attempts to strengthen midwifery educators' competencies and transform midwifery education in South Africa.

Promoter: Dr DE van Jaarsveldt

SCHOOL OF PATHOLOGY	MASTER OF MEDICINE IN HAEMATOLOGY	
MASTER'S DEGREES		
MASTER OF MEDICAL SCIENCE WITH SPECIALISATION IN VIROLOGY	KALAMBI-MATENGU, Esther Niilonga	
RASEBOTSA, Sebotsana Paula*	MASTER OF MEDICINE IN MEDICAL MICROBIOLOGY	
Dissertation Title: WHOLE GENOME ANALYSES OF ROTAVIRUS STRAINS CIRCULATING PRE- AND POST- ROTATEQ™ VACCINE INTRODUCTION IN RWANDA	NTETA, Motumi Euna	
Supervisor: Dr MM Nyaga		
Co-Supervisor: Dr S Sabiu		



DOCTORAL DEGREES

DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN VIROLOGY

MWANGI, Peter Nthiga

Peter Nthiga Mwangi was born on 18th February 1990 in Nyeri, Kenya. He matriculated at Ikuu Boys High School in 2007 among the top best students in class. He graduated with BSc degree in Biotechnology in Kenyatta University in 2013 and an MSc degree in Biotechnology at the same University in 2016, where his dissertation focused on preliminary drug screening of phytochemicals for their therapeutic value. He pursued his PhD studies (2018-2020) at the University of the Free State in the Division of Virology whereby he also served as a research assistant at the Next Generation Sequencing Unit.

With his thesis titled, **MOLECULAR CHARACTERIZATION OF ROTAVIRUS STRAINS FROM PRE-AND POST-VACCINE INTRODUCTION IN SOUTH AFRICA**, the candidate makes a contribution to the investigation of potential role of vaccine-induced selective pressure in influencing circulation of rotavirus strains during the pre- and the post-rotavirus vaccine introduction period in South Africa. He elucidated the impact of rotavirus vaccine introduction on the evolution of the whole-genome of circulating rotavirus strains and correlated potential vaccine-mutant strains through pairwise sequence analysis, phylogenetic analysis and computational protein modelling. His study was the first large scale genomic analysis of rotavirus strains involving samples collected seven years before and seven years after vaccine introduction in South Africa. This study uncovered unusual atypical rotavirus strains that circulated prior to rotavirus vaccine introduction, using next generation sequencing techniques.

Promoter: Dr MM Nyaga

Co-Promoter: Prof FJ Burt



DEAN | PROF H HUDSON

MASTER'S DEGREES

MASTER OF ARTS WITH SPECIALISATION IN BUSINESS MANAGEMENT

MASOABI, Lebohang Jeanett

Dissertation Title: THE ROLE
OF ENTREPRENEURIAL
EDUCATION ON ATTITUDES
AND INTENTIONS OF
UNIVERSITY STUDENTS

Supervisor: Prof BN Neneh

MASTER OF ARTS IN COMMUNICATION SCIENCE WITH SPECIALISATION IN CORPORATE AND MARKETING COMMUNICATION

ISAACS, Kearabetsoe Rethabile

Dissertation Title: THE USE OF
SOCIAL MEDIA MARKETING
FOR UNIVERSITY STUDENT
RECRUITMENT

Supervisor: Dr D Mulder

MASTER OF ARTS IN COMMUNICATION SCIENCE

MOTSEKE, Molebogeng
Simphiwe

Dissertation Title: HEALTH
INFORMATION SEEKING
BEHAVIOUR OF GUARDIANS OF
BLIND CHILDREN LIVING IN THE
RURAL FREE STATE

Supervisor: Prof M Rivera

MASTER OF ARTS IN DRAMA AND THEATRE ARTS

HATTINGH, Maryna Gertruida
Maria

Dissertation Title: CREATIVE
PROBLEM SOLVING FOR
SPECIFIC SAFETY HAZARDS
WITHIN SELECTED THEATRE
ARTS PRODUCTIONS

Supervisor: Prof NJ Luwes

TAYLOR, Raymon

Dissertation Title: DIE
OPKOMS VAN DIE MATRIARG
IN PIETER FOURIE (1940-) SE
TONEELSTUKKE

Supervisor: Prof NJ Luwes

MASTER OF ARTS IN FINE ARTS

KUHN-BOTMA, Lyrene*

Dissertation Title: GRIEF AND
ART: SITES, GAMES AND
MELANCHOLY OBJECTS

Supervisor: Prof J Allen-Spies

Co-supervisor: Prof ES Human

MASTER OF ARTS IN GOVERNANCE AND POLITICAL TRANSFORMATION

EMENI TIENTCHEU, Neliswa
Patricia

FORTUNE, Nathan Timothy*

MARUMO, Hape Justina

MJEZU, Godfrey Funani

MOALUSI, Moeletsi Lloyd

MOHAI, Irene Dimakatso

MOKOENA, Elly

MMOIEMANG, Kenneth
Mosimanegape

MOLEYANE, Louvine Refilwe

NTSENGE, Buhle

PITSO, Petunia Keorapetse

TLAKE, Thabo Rocliff

MASTER OF ARTS WITH SPECIALISATION IN HISTORY

CALUZA, Mzuzomuhle Ndumiso

Dissertation Title: INTERNAL
MIGRATION AND ITS IMPACT
ON FAMILY BONDS AMONG
QWAQWA RESIDENTS: A
HISTORICAL ANALYSIS, 1970-
1994

Supervisor: Prof CM Twala

Co-Supervisor: Dr JR McDonald

MASTER OF ARTS WITH SPECIALISATION IN SESOTHO

PHAKISI, Dieketseng Elisa



Dissertation Title:
SESOTHO PRINTED MEDIA
ADVERTISING: AN ANALYSIS
AND INTERPRETATION OF
PERSUASIVE MESSAGES IN
SESOTHO PRINTED MEDIA
ADVERTISING

Supervisor: Dr AS Motsei

**MASTER OF ARTS WITH
SPECIALISATION IN
SOCIOLOGY**

HLOPHE, Charmaine Nothando

Dissertation Title: LEADERSHIP
AND INTER-ORGANISATIONAL
COLLABORATION OF STUDENT
POLITICAL ASSOCIATIONS AT A
SOUTH AFRICAN UNIVERSITY

Supervisor: Dr AS Motsei

**MASTER OF ARTS WITH
SPECIALISATION IN SOUTH
AFRICAN SIGN LANGUAGE**

MOKOENA, Likeleli

Dissertation Title: PARENTAL
EXPERIENCES OF HAVING
A DEAF CHILD: AN AFRICAN
PERSPECTIVE

Supervisor: Ms SC Lombaard

Co-Supervisor: Mr MJ Kometsi

**MASTER OF ARTS WITH
SPECIALISATION IN
PHILOSOPHY**

DU BUISSON, Theunis Hendrik*

Dissertation Title: ADAM
SMITH SE MORELE TEORIE
AS VOORLOPER VIR SY
REGVERDIGING VAN
KAPITALISME

Supervisor: Prof JH Rossouw

**MASTER OF ARTS IN
COUNSELLING PSYCHOLOGY**

BURGER, Nicole Candice

**MASTER OF SOCIAL SCIENCE
IN CLINICAL PSYCHOLOGY**

NCAYIYANE, Zimbini Precious

**MASTER OF SOCIAL
SCIENCE IN COUNSELLING
PSYCHOLOGY**

FIVAZ, Dawie

MEYER, Marili

PAYNE, Cline

UTLOA, Nicollette Mosa

**MASTER OF SOCIAL SCIENCE
WITH SPECIALISATION IN
SOCIOLOGY**

THINANE, Tsalaemang*

Dissertation Title: PRESENTING
THE IDEAL BODY: NARRATIVES
OF INSTAGRAM ENGAGEMENT
BY A GROUP OF AFRICAN
BLACK WOMEN

Supervisor: Prof JK Coetzee

**DOCTORAL DEGREES****DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN AFRICA STUDIES****CHAMBWE**, Tawanda Valentine

A History of African Entrepreneurship in Southern Rhodesia, 1944 – 1979 Tawanda Valentine Chambwe was born in the town of Kadoma in Zimbabwe on 20 July 1988. He received his secondary education in the town of Chinhoyi, where he matriculated at Chinhoyi High School in 2008. He obtained an Honours Degree in Economic History in 2012 and an MA in African Economic History in 2016 at the University of Zimbabwe. He started his career as a Teaching Assistant in the Department of Economic History at the University of Zimbabwe in 2012. At present he is a Lecturer in the Department of History at the Midlands State University in Zimbabwe.

With his thesis titled, **A HISTORY OF AFRICAN ENTREPRENEURSHIP IN SOUTHERN RHODESIA, 1944 – 1979**, the thesis examines the development of African entrepreneurship in Southern Rhodesia (colonial Zimbabwe) between 1944 and 1979. Using previously underutilised sources, the thesis interrogates the experiences of African entrepreneurs through critical junctures in colonial Zimbabwe's past such as the Federation of Rhodesia and Nyasaland, the Unilateral Declaration of Independence, and the 1970s-armed struggle, up until 1979 on the cusp of Independence. It argues that colonial policy on African entrepreneurship was ambiguous and at times contradictory and that while Africans operated in a restrictive legislative environment, they carved a niche for themselves within the grey areas of colonial policy ambivalence, albeit in a limited way. Hence the thesis reveals Africans' resilience and desire for economic independence in a colonial and racist environment.

Promoter: Dr C Masakure**Co-Promoter:** Dr I. Mhike and Dr T Nyamunda**CHANSA**, Chibamba Jennifer

Chibamba Jennifer Chansa was born in Mufulira, Zambia on 11 November 1987. Jennifer received her secondary education in Ndola, on the Copperbelt, where she matriculated from Fatima Girls' Secondary School in 2005. She obtained the degree Bachelor of Arts from the University of Zambia in 2011, and from the University of Basel the degree Master of Arts in African Studies with the Latin honour insigni cum laude in 2014. Jennifer started her career as a lecturer in Lusaka in October 2014, where she served for one academic year before undertaking her postdoctoral studies.

With her thesis titled, **STATE, MINING COMPANIES AND COMMUNITIES: A HISTORY OF ENVIRONMENTAL POLLUTION IN ZAMBIA (1964 TO THE PRESENT)**, the candidate contributes to scholarship on the environmental impact of mining activities by examining the history of environmental pollution and management on the "Old" and "New" Zambian Copperbelts. Using an impressive range of oral and archival sources, the thesis examines the trajectory of environmental management efforts, and how they were shaped by local political and economic factors, in line with global and regional natural resource management developments. The thesis argues that mining-related environmental pollution has been poorly managed since independence, and that despite the increase in global concerns for sustainable natural resource management since the 1980s, it remains a significant concern owing to the inability of successive governments to effectively regulate mining activities.

Promoter: Dr D Money**Co-Promoters:** Prof IR Phimister



DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN FRENCH

BARKHUIZEN, Albertus Du Plooy

Albertus du Plooy Barkhuizen was born in the North West Province on 3 February 1988. He received his secondary education in Pretoria, where he matriculated at Hoërskool Waterkloof in 2006. He obtained the degree BA Languages in 2009, French Hons in 2010 and MA Applied Language Studies with specialisation in Translation and Interpreting in 2014. He started as a Junior Lecturer at the University of Pretoria in 2011. Between 2012 and 2016 he practised as freelance translator and interpreter in South Africa and France, a career move that would later lay the foundations for his PhD studies. In 2016 he was appointed as Lecturer in the Department of Afrikaans & Dutch, German & French at the University of the Free State.

With his thesis titled, **LES BÉNÉFICES DE L'ENSEIGNEMENT DES TECHNIQUES DE BASE DE PERFECTIONNEMENT DE LANGUE À DES APPRENANTS (FAUX) DÉBUTANTS DE FLE DANS UN CONTEXTE NON-FRANCOPHONE**, (Benefits of Teaching Basic Language Perfecting Techniques to (faux) Beginners of FLE in a non-Francophone Context) the candidate studied the teaching of French as a Foreign Language (FLE), focusing on its importance in South Africa and the teaching of the subject at tertiary institutions. The study proposes an innovative approach for vocabulary learning which was tested on a second-year university group of 'faux' beginners in French as a foreign language, to establish the benefits of using basic language-perfecting exercises in the FLE classroom. The results show that these exercises offer learning development to the extent where a portable language laboratory can be engineered to boost autonomous learning.

Promoter: Dr K Ferreira-Meyers and Prof N Morgan

DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN HEBREW

PITCHER, Sophia Lynn

Sophia Pitcher was born in 1975 in Chicago, Illinois, USA. She matriculated at the Illinois Mathematics and Science Academy in 1993 and earned a Bachelor of Arts in Cultural Anthropology summa cum laude from New York University in 1998. Exposed to Hebrew from early childhood at Akiba-Schechter Jewish Day School, she has always been fascinated by the Masoretic cantillation accents and their associated melodies. She received an Honours Baccalaureate in Hebrew from UFS in 2016 and was awarded both the UFS Dean's Medal and the Southern African Society for Near Eastern Studies Prize for her master's dissertation completed 2017.

With her thesis titled **A PROSODIC MODEL FOR TIBERIAN HEBREW: A COMPLEXITY APPROACH TO THE FEATURES, STRUCTURES, AND FUNCTIONS OF THE MASORETIC CANTILLATION ACCENTS** the candidate treats the cantillation accents of the Hebrew Bible as a prosodic orthography. It is the first description that unifies all features of the accents—iconic, phonetic, phonemic, discourse-pragmatic, and the syntax-phonology interface—under the linguistic theory of prosodic phonology. By advocating for a complexity approach to the prosodic phonology of Tiberian Hebrew, the candidate accounts for its non-linear, dynamic, multi-faceted components. Proposed prosodic structures and functions are tested through an analysis of the system's syntax-phonology interface within syntactic and discourse-pragmatic domains with attested prosodic features. The thesis authenticates the wholly prosodic nature of the accents, establishing the phonological features, structures, and functions that are inextricably bound to the oral performance of the Hebrew Bible as a prosodic system analogous to those of spoken languages.

Promoter: Prof CL Miller-Naudé

Co-Promoter: Prof JA Naudé

**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN GOVERNANCE AND POLITICAL TRANSFORMATION****PHOLO**, Goitsione Moses Pholo

Goitsione Moses Pholo Pholo was born on 15 August 1968 in Hartswater in the Northern Cape Province. He received his secondary education at Kgomotso Village in Taung District, where he matriculated at Majeng High School in 1987. In 2006, he obtained the Bachelor of Technology degree in Transport Management at University of Johannesburg. In 2011, he completed a postgraduate diploma, and in 2013, his master's degree in Governance and Political Transformation with distinction. He is currently the Director of Corporate Services in the Greater Taung Local Municipality. (100 words)

With his thesis titled, **ACCOUNTABILITY WITHIN THE GOVERNANCE OF INTERGOVERNMENTAL RELATIONS IN SOUTH AFRICA**, the candidate contributes to accountability within the governance of intergovernmental relations. Currently, State institutions and users seem to be disrespectful about accountability, which needs to be addressed in order to render an accountable State and governance system to the electorate. The challenges of incapacities, the collapse of the administrative system, corruption, patronage and the backlog of service delivery remain concerns. With this contribution, he develops a new and unique integrated governance model as an instrument to guide the intended users towards ensuring that accountability measures are implemented within intergovernmental governance systems. The value of the integrated governance model lies in the practical, enforceable recommendations for public officials, elected officials, stakeholders and the citizenry dealing with accountability in intergovernmental governance systems.

Promoter: Dr T Coetzee**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN PHILOSOPHY****CAWOOD**, Helen-Mary

Helen-Mary Cawood was born in Tarkastad, Eastern Cape, on the 22nd November 1984. She received her secondary education in Graaff-Reinet, where she matriculated at Union High School in 2002. She obtained the degree BA General with Philosophy, Psychology and English, in 2007 (University of the Free State); Honours in Philosophy with distinction in 2008 and Honours in English Literature in 2009, (University of the Free State); MA in Philosophy (Cum laude) in 2014 (University of the Free State); and PhD in Philosophy in 2020. She worked as tutor at the Philosophy Department until appointed as a lecturer in 2011.

In this thesis titled, **THE NOSTALGIA INDUSTRY: THE COMMODIFICATION OF MEMORY AND THE SEARCH FOR COMMUNITY IN MODERN FOOTBALL**, it is argued that the collective memories of modern football fans (with a particular focus on English fans) have been heavily curated by contemporary 'museal cultures', thus providing them with a decontextualised view of the past. Furthermore, an analysis is undertaken as to whether these collective memories have been hijacked via institutionalised nostalgic sentiments in order to create nostalgic consumers of meaning and subjectivity – also referred to as the 'Nostalgia Industry'. The framework for this investigation is that of 'critical communitarianism', which seeks to integrate critical, collective, communitarian, and historically grounded notions of reason, love, and subjectivity. More broadly this thesis contributes to modernity studies by analysing how elements of tradition are instrumentalised in contemporary capitalism with English football as a case study.

Promoter: Prof JH Rossouw



DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN POLITICAL SCIENCE

GROBBELAAR, Alta

Alta Grobbelaar received her secondary education in Welkom and matriculated at Goudveld Hoërskool in 2008. She obtained a BA degree in Media Studies and Journalism in 2012. In 2013 the BA Hons degree cum laude in Political Science, in 2015 a Master of Arts in Political Science cum laude and the PhD in Political Science in 2020 at the University of the Free State. She started her career as academic in Bloemfontein. In 2010 she was appointed as tutor in the Department of Political Studies and Governance and at present she is lecturer at the University of the Free State.

With her thesis titled, **A CRITICAL DISCOURSE ANALYSIS OF THE INTERRELATIONSHIP BETWEEN THE MEDIA AND TERRORIST GROUPS IN AFRICA**, the candidate draws attention to media usage as an international phenomenon; so drawing on internationalised and established methods in studying Africa, the terrorists that abide on African soil, and the messages that they communicate through innovative means. Thus, learning from the rest of world but not grouping Africa under the “terrorism umbrella” that has taken the world by storm. By applying focuses such as framing, Critical Discourse Analysis, the politics of fear and varying influences on the immediate problem in Africa. By understanding and analysing the constant evolution of terrorism and how it manifests in Africa, the study hopes to open the door to study the role of the media, influences on the media, and the eventual influence on international and local policy – all within the African context.

Promoter: Prof H Solomon

Co-Promoter: Prof V Hawkins

DOCTOR OF PHILOSOPHY IN PSYCHOLOGY

BASSON, Monique

Monique Basson was born in 1994 and raised in Pretoria, Gauteng. In 2012 she graduated from Centurion High School and moved to Bloemfontein to pursue her career of psychology at the University of the Free State where she obtained her Bachelor of Social Science and Honours degrees in Psychology. She obtained her Master of Science Degree in Psychology in 2017. Ms Basson is currently completing her MA in Counselling Psychology degree at the University of the Free State.

The candidate makes an exceptional contribution to the field of psychobiography with her thesis titled, **PHILIP KINDRED DICK: A PSYCHOBIOGRAPHY OF THE SCIENCE FICTION NOVELIST**. Dick is considered one of the most brilliant science fiction writers of the 20th century, with novels such as *Do Androids Dream of Electric Sheep?* The candidate provides a psychological description of his life via two psychological approaches, namely Erikson's theory of psychosocial development, and Sternberg's WICS model of giftedness. The primary aim was to reconstruct Dick's psychosocial development and the cultivation of intelligence, creativity and wisdom throughout his life. Findings indicate that Dick failed to acquire the ego virtues of hope, purpose, fidelity, love and care. In terms of giftedness, Dick developed significant creativity and intelligence from a young age. This study adds to our understanding of the interaction between psychosocial development and giftedness in the lives of exceptional literary minds.

Promoter: Prof JP Fouché

Co-Promoter: Dr. P Naidoo

**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN SOCIAL WORK****ESAU, Merlene Christobelle**

Merlene Christobelle Esau was born in Port Elizabeth on 23 October 1969 where she also received her secondary education. She matriculated at Westville Senior Secondary School in 1987. She obtained the degree Baccalaureus Artium in Social Work at the University of the Western Cape in 1991 and the degree Master of Social Work in 1999 at the University of the Free State. She started her career as a social worker at the Department of Social Development in Botshabelo, Free State in 1992. In 2007, she was appointed in the Department of Social Work at the University of the Free State whereas a lecturer she is responsible for teaching the theory and practicum of community development and community work in social work.

With her thesis titled: **A COMMUNITY-BASED INTERVENTION PROGRAMME FOR CHILD-HEADED HOUSEHOLDS**, the candidate makes a contribution to developmental social-work practice, focusing on child-headed households as a vulnerable group. She demonstrates that social arrangements should aim to expand these children's capabilities, that is, their freedom to promote or achieve what they value doing and being. Using the Capability Approach of Amartya Sen as a theoretical framework, and a participatory action research design, a community-based intervention programme to enable them to improve their quality of life was developed. The results of this investigation serve as an indication of the value of child-headed households co-researching and collaborating with the social worker to identify and develop their capabilities and functionings for increasing dignity, justice and freedom.

Promoter: Prof SB Ferreira**DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN SOCIOLOGY****GOODRICK, Wade Francis**

Wade Francis Goodrick was born in Bloemfontein on 10 February 1988. He received his secondary education in Bloemfontein, where he matriculated at Saint Andrews School in 2006. He obtained the B.A. General degree in 2010, Sociology Honours with distinction in 2011, and Masters in Sociology with distinction in 2013. All three of his degrees were completed at the University of the Free State. He started his career as a facilitator in the Department of Sociology in 2010, and presently he occupies the post of junior lecturer in the same department at the University of the Free State.

With his thesis titled, **THE SOCIAL CONSTRUCTION OF THE PERCEPTION OF RISK ASSOCIATED WITH UNCONVENTIONAL GAS DEVELOPMENT IN SOUTH AFRICA**, the candidate makes a sociological contribution to understanding how risk perceptions concerning unconventional gas development are constructed over time as a result of several interacting social variables. Using a qualitative approach, 17 key informant interviews with proponents and opponents of unconventional gas development in South Africa found that defining variables and factors differ between proponents and opponents and were found to be a result of contextual differences, individual and group goals, and personalised experiences. The study's findings can be used to strengthen risk assessment, communication, and management strategy concerned with potential unconventional gas development in South Africa, while also possibly helping to reduce some of the divisions and misunderstandings that exist between proponents and opponents of unconventional gas development.

Promoter: Dr SZ Matebesi



KALIMA, Billy Ganizani

Billy Ganizani Kalima was born in Goromonzi on 27 September 1984 in Zimbabwe. He received his secondary education in Zimbabwe at Oriel Boys High School in Chisipite where he matriculated in 2003. He graduated with a BSc Hons degree in Sociology in 2007 and a Master of Science Degree in Sociology and Social Anthropology at the University of Zimbabwe in 2013. He started his career as a student research assistant at the University of Zimbabwe's Centre of Applied Social Sciences (CASS) in 2012. He is currently a Postdoctoral Research Fellow at the University of Konstanz in Germany.

With his thesis titled, **PARTICIPATION PRAXIS IN COMMUNITY SHARE OWNERSHIP TRUSTS(CSOTS) IN THE EXTRACTIVE INDUSTRY IN ZIMBABWE**, the candidate contributes to the body of knowledge in the field of organisational and rural development sociology. With this contribution, he highlights the unequal power relations between extractive companies and mining-affected communities. Using a mixed-method approach, Kalima used a sample of 266 community members and six key informants to understand the dynamics of extractive company-community relations that affect meaningful participation of rural communities in Community Share Ownership Trusts (CSOTS). The study contributes to the understanding of CSOTs as heuristic mechanisms that represent the empowerment of impoverished communities in the wake of extractive industries. The study presents the argument that the pervasive patriarchal culture and widespread poverty serve as powerful barriers to meaningful community participation in CSOTS in Zimbabwe.

Promoter: Prof SZ Matebesi

DEAN |
PROF JC MUBANGIZI

MASTER'S DEGREES

MASTER OF LAWS

KITEMBELE, Annah
KHANYILE, Xolisile Jennifer
VISSER, Carita*

**MASTER OF LAWS WITH
SPECIALISATION IN LAW OF
BUSINESS ENTITIES**

MUTHELO, Mulalo
NTEPE, Selebalo Henry

DOCTORAL DEGREES

DOCTOR PHILOSOPHY WITH SPECIALISATION IN PRIVATE LAW

FABER, James Thomas

James Thomas Faber was born in Kimberley, Northern Cape, on 12 March 1978. He received his secondary education at Douglas High School, where he matriculated in 1996. He obtained the BProc degree in 2001, the LLB degree in 2002 and the LLM degree in Private Law (cum laude) in 2003 at the University of the Free State. He completed the School for Legal Practice in 2002 and was admitted as an attorney in the High Court of South Africa in 2003. He was appointed to the Department of Private Law at the University of the Free State in 2007.

With his thesis titled, '**N BEGRIPSMATIGE BESKOUING VAN DIE TESTEERHANDELING TER TOELIGTING VAN TESTATEURSBEDOELING IN DIE SUID-AFRIKAANSE ERFREG**', the candidate contributes to the knowledge base of the South African law of succession by proposing a novel terminological engagement with key concepts in the will-making process. The candidate shows that a testator's intention comprises various elements which are best understood in terms of a proposed 'conduct model' that presents a testator's intention as a compounded, multilateral concept, consisting of different forms and facets of intention. Such a processual view – that focusses on the act of testation rather than compliance with a series of requirements – is postulated as the best means of addressing the prevailing conceptual confusion in the law of succession and explaining properly what a will is. It also forms the basis for the introduction of a much-needed intent doctrine into this branch of South African private law.

Promoter: Prof F du Toit

Co-Promoter: Prof BS Smith



**DEAN |
PROF PD VERMEULEN**

AGRICULTURAL SCIENCES

MASTER'S DEGREES

MASTER OF AGRICULTURE SCIENCES

MASTER OF AGRICULTURE MAJORING IN AGRICULTURAL MANAGEMENT

PEREL, O'Brien Jonathan

Dissertation Title: THE
ECONOMIC EFFECT OF
MECHANISED HARVESTING
TECHNOLOGY ON GRAPE
PRODUCING FARMS IN
WESTERN CAPE PROVINCE OF
SOUTH AFRICA

Supervisor: Dr YT Bahta
Co-Supervisor: Mr PZ Mokhatla

JAMMER, Brent Damian

Dissertation Title:
DETERMINING YOUTH
ENTREPRENEURIAL
COMPETENCIES IN TWO RURAL
AREAS OF THE FREE STATE

Supervisor: Dr JIF Henning
Co-Supervisor: Dr H Jordaan

MASTER OF AGRICULTURE MAJORING IN AGRICULTURAL ECONOMICS

AUGUST, Moatlhodi Maxwell

Dissertation Title:
YOUTH'S ASPIRATIONS
AND PERCEPTIONS
TOWARDS AGRICULTURAL
PARTICIPATION: A CASE OF
TWO RURALFREE STATE
REGIONS

Supervisor: Dr JIF Henning
Co-Supervisor: Ms P Madende

MASTER OF AGRICULTURE MAJORING IN WILDLIFE MANAGEMENT

BLACK, Wesley John

Dissertation Title: OBJECTIVE
HOME RANGE ANALYSIS OF
GPS COLLARED UNGULATES
USING PLANTS AND SOILS AS
POTENTIAL INDICATORS

Supervisor: Dr F Deacon
Co-Supervisor: Dr P.C. Zietsman

BUILDING SCIENCES

MASTER'S DEGREES

MASTER OF URBAN AND REGIONAL PLANNING

ANDREAS, Frieda Sonja
CHAPHI, Kenneth Sandile
JANUARY, Mmase
MANYELO, Kgabo Winnie
MOLOKOANE, Ntshilo Magdeline
SEAKATSIE, Lesego
SEHLOHO, Retselisitsoe

NATURAL SCIENCES

MASTER'S DEGREES

MASTER OF DISASTER MANAGEMENT

LUNGA, Ntombizodwa Elizabe
MOTHAPO, Mmankeka Alpheus
NKGUDI, Mampshe Sunnyboy

MASTER OF ENVIRONMENTAL MANAGEMENT

ANGULA, Lely Saima Etegameno
BAKER, Etienne
NKABINDE, Erald John
SHIRINDZI, Lombard
VENTER, Marius

MASTER OF SCIENCE IN NANOSCIENCE

MAKUMBANE, Vhahangwele
PARROTT, Lisa Karine*

MASTER OF SCIENCE MAJORING IN STATISTICS

RAMALEBO, Katiso Godwish

MASTER OF SCIENCE IN AGRICULTURE MAJORING IN ANIMAL SCIENCE

SAKO, Thabang

Dissertation Title: MEAT
QUALITY CHARACTERISTICS



OF THE TANKWA FERAL GOAT OF CARNARVON, NORTHERN CAPE

Supervisors: Dr HS O'Neill and Mr T Sedumedi

VAN ZYL, Johan Petrus

Dissertation Title: INFLUENCE OF PLANTING TECHNIQUES AND MATURITY GROUP ON SOYA BEAN (*GLYCINE MAX L.*) YIELD IN DIFFERENT AGRO-ECOLOGIES

Supervisor: Dr GM Ceronio

MASTER OF SCIENCE IN AGRICULTURE MAJORING IN PLANT BREEDING

BANDA, Raphael Saint*

Dissertation Title: ASSESSMENT OF SOYBEAN GENOTYPES FOR RESISTANCE TO FUSARIUM SUDDEN DEATH SYNDROME IN SOUTH AFRICA

Supervisor: Dr A Minnaar-Ontong

Co-Supervisor: Dr R van der Merwe

MASTER OF SCIENCE MAJORING IN APPLIED STATISTICS

BEKKER, Esta*

SEOTLA, Tsepang Yvonne

Dissertation Title: THE IMPACT OF MATERNAL HIV STATUS

ON MATERNAL AND CHILD MORTALITY IN LESOTHO

Supervisor: Dr MR Sjolander

MASTER OF SCIENCE MAJORING IN BIOCHEMISTRY

LETEBELE, Precious Kelebogile

Dissertation Title: EFFECT OF PHYSIOLOGICALLY RELEVANT CARBON SOURCES ON *CANDIDA ALBICANS* CELL WALL, MEMBRANE ASSOCIATED PROTEINS AND INTERACTION WITH MACROPHAGES

Supervisor: Prof CH Pohl-Albertyn

Co-Supervisors: Prof J Albertyn, Prof O Sebolai and Dr G Kemp

VAN DER WALT, Elzette*

Dissertation Title: CHARACTERISATION OF THE AFRICAN ELEPHANT (*LOXODONTA AFRICANA*) GUT MICROBIOME FOR BIO-ENERGY APPLICATIONS

Supervisor: Dr. E. D. Cason

Co-Supervisors: Prof A Valverde and Dr J Vermeulen

MASTER OF SCIENCE MAJORING IN BOTANY

MINNAAR, Evandre Annemari

Dissertation Title: GENETIC VARIATION IN SOUTH AFRICAN *DIURAPHIS NOXIA* BIOTYPES

Supervisor: Prof B Visser

Co-supervisors: Dr L Mohase and Dr A Jankielsohn

MASTER OF SCIENCE MAJORING IN CHEMISTRY

DAVIES, Andrea

Dissertation Title: PHYTOCHEMICAL INVESTIGATION AND GABAergic ACTIVITY OF *GARDENIA RESINIFLUA*

Supervisor: Dr SL Bonnet

Co-Supervisor: Dr A Wilhelm

KÜHN, Jeaneme*

Dissertation Title: HEAVY METAL ABUNDANCE IN AREAS UTILISED BY GIRAFFES

Supervisor: Prof HG Visser

Co-Supervisors: Dr M Schutte-Smith and Dr F Deacon

VAN STADEN, Christo*

Dissertation Title: MANIPULATION OF AUROPHILIC INTERACTIONS OF Au(I) PNP COMPLEXES BY DESIGN

Supervisor: Prof HG Visser

Co-Supervisor: Dr M Schutte-Smith



XANTINI, Zizipho*

Dissertation Title:
PREPARATION AND
CHARACTERISATION
OF HYDROXYLATED
AND AMINOSILANE-
FUNCTIONALISED
SILICA SUPPORTED
PLATINUM CATALYSTS
FOR HYDROCARBON
TRANSFORMATIONS

Supervisor: Prof E Erasmus

**MASTER OF SCIENCE
MAJORING IN COMPUTER
SCIENCE AND INFORMATICS**

BEZUIDENHOUT, Riaan*

Dissertation Title: A NONLINEAR
PROBABILITY OF SUCCESS
PROOF-OF-WORK ALGORITHM
FOR IMPROVED ENERGY
EFFICIENCY DURING
BITCOIN MINING UNDER
DECENTRALISED CONSENSUS

Supervisor: Dr W Nel

**MASTER OF SCIENCE
MAJORING IN CONSUMER
SCIENCE**

MONDLANE, Vuyisile Colleen

Dissertation Title:
UNDERSTANDING THE FOOD
INSECURITY OF VULNERABLE
HOUSEHOLDS RESIDING IN
KALANGA, SWAZILAND

Supervisors: Dr N Cronjé and Dr
I van der Merwe

**MASTER OF SCIENCE
MAJORING IN ENTOMOLOGY**

MADIOPE, Kgaphudi Wendy

Dissertation Title: USE OF
POTTED SUGARCANE TO
DETERMINE YIELD LOSS
TO YELLOW SUGARCANE
APHID, *SIPHA FLAVA* (FORBES)
(HEMIPTERA: APHIDIDAE)

Supervisor: Dr M Keeping

Co-Supervisor: Mr DV Fourie

**MASTER OF SCIENCE
MAJORING IN GEOCHEMISTRY**

HOHNE, Danita

Dissertation Title: ASSESSMENT
OF THE STATUS OF THE
GROUNDWATER AND SOIL
AROUND THE SOEKOR
WELLS IN THE WESTERN
CAPE, SOUTH AFRICA:
IMPLICATIONS FOR IMPACTS
BY UNCONVENTIONAL GAS
MINING

Supervisor: Dr RN Hansen

**MASTER OF SCIENCE
MAJORING IN
GEOHYDROLOGY**

GERBER, Andre Francois

Dissertation Title:
THE INFLUENCE OF
GEOLOGICAL FAULTS ON

WEATHERING PATTERNS AND
GROUNDWATER MOVEMENT
IN THE SHALLOW PART OF
THE WATERBERG COALFIELD
BETWEEN THE DAARBY AND
EENZAAMHEID FAULTS

Supervisor: Dr AJ Allwright

COMBRINCK, André

Dissertation Title: THE
INVESTIGATION OF
THE HYDRAULIC FLOW
CHARACTERISTICS IN ROOF
LITHOLOGIES WITHIN AN
UNDERGROUND COLLIERY

Supervisor: Dr E Lukas

MABASA, Ntsako Alice*

Dissertation Title:
INVESTIGATION OF
HYDROGEOCHEMICAL
PROCESSES AND
GROUNDWATER QUALITY
ALONG GOLD MINE TAILING
DAMS IN ORKNEY, SOUTH
AFRICA

Supervisor: Prof M Gomo

LUKAS, Anton*

Dissertation Title: COMPLEXITY
VERSUS SIMPLICITY: A
COMPARATIVE ANALYSIS
OF COMPLEX GEOLOGY
IN HYDROGEOLOGICAL
MODELLING

Supervisor: Dr AJ Allwright

Co-Supervisor: Mr PJH Lourens



KENNEDY, Lizél*

Dissertation Title: A WATER QUALITY ASSESSMENT OF COAL MINE PIT LAKES: CASE STUDIES FROM THE WATERBERG, MPUMALANGA AND KWAZULU-NATAL COAL FIELDS, SOUTH AFRICA

Supervisor: Dr L Deysel

KHOZA, Mahatima Gandi*

Dissertation Title: MODELLING OF GROUNDWATER FLOW WITHIN A LEAKY AQUIFER WITH FRACTAL-FRACTIONAL DIFFERENTIAL OPERATORS

Supervisor: Prof A Atangana

BENGGEZA, Thandilizwe

Dissertation Title: URBAN GROUNDWATER DEVELOPMENT AND MANAGEMENT – BASEMENT WATER USE

Supervisor: Prof. K. Witthueser

NOMATITI, Putuma Siyasanga

Dissertation Title: REGIONAL CHARACTERISATION OF THE HYDROCHEMICAL PROPERTIES IN THE BUSHVELD IGNEOUS COMPLEX

Supervisor: Prof KT Witthuser

MPETLE, Matsatsi

Dissertation Title: THE HYDROGEOLOGY AND WATER BALANCE OF COAL MINE PIT LAKES

Supervisor: Dr E Lukas

Co-Supervisor: Dr L-M Deysel

KADHILA, Alina Ndapewa
Inekel'Omuwa

Dissertation Title: INVENTORY AND QUALITATIVE ASSESSMENT OF THE GROUNDWATER MONITORING STRATEGIES AND NETWORKS IN THE KARST AQUIFER: A SOURCE TO THE CENTRAL AREA OF NAMIBIA (CAN)

Supervisor: Dr E Lukas

MASTER OF SCIENCE
MAJORING IN GEOLOGY

BYLEVELD, Francois*

Dissertation Title: GEOCHEMICAL CONTROLS ON URANIUM AND METAL(LOID)S IN THE NEW MACHAVIE GOLD TAILINGS FACILITY, WITWATERSRAND, SOUTH AFRICA

Supervisor: Dr RN Hansen

MAREE, Monique

Dissertation Title: A SEDIMENTALOGICAL AND GEOCHEMICAL STUDY OF

URANIUM MINERALISATION AT RIETKUIL MINE, BEAUFORT WEST, KAROO BASIN

Supervisor: Mrs J Magson

Co-Supervisor: Dr L Nel

MASTER OF SCIENCE
MAJORING IN MATHEMATICAL STATISTICS

LEKATA, Stanley Mohlakola

Dissertation Title: STATISTICAL MODELING OF GRAIN CROPS YIELD IN FREE STATE PROVINCE WITH REFERENCE TO El Niño AND LA NINA PERIODS: APPLICATIONS OF MULTIVARIATE METHODS AND DIAGNOSTICS

Supervisor: Mr. J.M. Blomerus

MASTER OF SCIENCE
MAJORING IN MICROBIOLOGY

KILIAN, Liese*

Dissertation Title: RECOMBINANT EXPRESSION OF THE IMMUNOGENIC S1 SUB-UNIT FOR THE DEVELOPMENT OF AN EDIBLE VACCINE AGAINST AVIAN INFECTIOUS BRONCHITIS VIRUS

Supervisor: Prof. R.R. Bragg

Co-Supervisors: Dr CE Boucher and Dr WA van der Westhuizen



PILENYANE, Nyakalo

Dissertation Title: THE ELUCIDATION OF THE BIOLOGICAL FUNCTION OF *CRYPTOCOCCAL* 3-HYDROXY FATTY ACIDS

Supervisor: Prof OM Sebolai

Co-Supervisor: Prof CH Pohl-Albertyn and Prof J Albertyn

NAIDOO, Sheryllyn Clerissa

Dissertation Title: THE USE OF ESSENTIAL OILS TO CONTROL CROWN AND ROOT ROT MAIZE

Supervisor: Dr GJ Marais

Co-Supervisor: Prof CH Pohl-Albertyn

**MASTER OF SCIENCE
MAJORING IN PHYSICS**

SZEGEDI, Helene*

Dissertation Title: A FOLLOW-UP STUDY OF SELECTED TRANSIENT WHITE DWARF CLOSE BINARIES FROM THE CATALINA SURVEY

Supervisors: Dr A Odendaal and Prof P Meintjes

**MASTER OF SCIENCE
MAJORING IN PLANT
BREEDING**

MAQOLO, Kholosa*

Dissertation Title: CHARACTERISING AND MAPPING A POTENTIAL NEW SOURCE OF WHEAT STEM RUST RESISTANCE

Supervisor: Prof L Herselman

Co-Promoters: Dr W Boshoff and Dr A Maré

MSANI, Fanele*

Dissertation Title: EFFECT OF ROW SPACING ON GENETIC AND BREEDING PARAMETERS OF SUGARCANE

Supervisor: Prof MM Zhou

Co-Supervisor: Dr R van der Merwe

**MASTER OF SCIENCE
MAJORING IN PLANT
PATHOLOGY**

THERON, Nicola

Dissertation Title: *CLADOSPORIUM CLADOSPORIOIDES*, THE CASUAL ORGANISM OF PECAN SCAB IN SOUTH AFRICA

Supervisor: Dr GJ Marais

Co-Supervisor: Prof W Swart

COERTZEN, Jolene

Dissertation Title: *BOTRYOSPHERACEAE* FUNGAL PATHOGENS

ASSOCIATED WITH PECANS, WITH SPECIAL REFERENCE TO *NEOFUSICOCCUM*

Supervisor: Dr GJ Marais

Co-Supervisor: Prof B Slippers

**MASTER OF SCIENCE
MAJORING IN RISK ANALYSIS**

THATENG, Nthabiseng Gladys

Dissertation Title: THE IMPACT OF CREDIT RISK ON THE PROFITABILITY OF COMMERCIAL BANKS IN SOUTH AFRICA

Supervisor: Mr J. Blomerus

**MASTER OF SCIENCE
MAJORING IN SOIL SCIENCES**

JAOLA, Khumo Portia

Dissertation Title: RESPONSE OF WETLAND INDICATOR GRASS SPECIES TO DEGREE OF SOIL WATER SATURATION

Supervisor: Prof CW van Huyssteen

Co-Supervisor: Dr AC van Aardt

COMBRINK, Natasja

Dissertation Title: THE FORMATION OF RETIC PROPERTIES IN SELECTED SOUTH AFRICAN SOILS

Supervisor: Prof CW Van Huyssteen



BOUWER, Mischke

Dissertation Title: THE ABSORPTION POTENTIAL OF ARSENIC AND SELENIUM IN SOILS: A LABORATORY AND PEDO-GEOCHEMICAL MODELLING STUDY

Supervisor: Prof CW Van Huyssteen

Co-Supervisor: Dr RN Hansen

GQALAQHA, Zikhona

Dissertation Title: IDENTIFYING WETLAND SOIL PROPERTIES AIDING THE DORMANCY OF RIFT VALLEY FEVER VECTORS IN CENTRAL SOUTH AFRICA

Supervisor: Prof CW van Huyssteen

Co-Supervisor: Dr AT Grundling

TLOMATSANA, Lethabo Sindy

Dissertation Title: RESPONSE OF SOIL AGGREGATES AND INTRA-AGGREGATE C TO LONG-TERM WHEAT RESIDUE MANAGEMENT

Supervisor: Dr E Kotzé

Co-Supervisor: Dr MP Aghoghovwia

**MASTER OF SCIENCE
MAJORING IN ZOOLOGY**

DE SMIDT, Anke

Dissertation Title: NEMATODE SURVEY OF THE SOETDORING AND WILLEM PRETORIUS NATURE RESERVES IN THE FREE STATE PROVINCE, SOUTH AFRICA

Supervisor: Dr C Jansen van Rensburg

Co-Supervisor: Prof LL van As



DOCTORAL DEGREES

DOCTOR OF PHILOSOPHY MAJORING BIOTECHNOLOGY

OJO, Abidemi Oluranti

Ojo Abidemi, was born on February 7th, 1972 in Kaduna, Nigeria. She finished high school in 1988, National Diploma (Science Technology, at Federal Polytechnic, Ado, Nigeria) in 1993 and Higher National Diploma (Biochemistry, at Yaba College of Technology, Lagos) in 1997. She was a science teacher at Kosofe College, Lagos (1997-1998). She did Biochemistry bridging courses in 2005 at UFS and BSc Hons (Biochemistry) in 2006. In 2009, she completed her MSc (Biochemistry) and was appointed as UFS personnel (BioPad, SAENSE platform). Her passion for research/academics led her to enrol for a PhD in Biotechnology.

With her thesis entitled, **BIODEGRADATION OF CHLOROETHENE COMPOUNDS UNDER MICROAEROPHILIC CONDITIONS**, the candidate contributes to expanding the knowledge on the metabolic potential and shift of the bacteria diversity during the degradation of tetrachloroethene (PCE) under microaerophilic conditions. Using indigenous bacteria enriched from the chloroethene compounds-contaminated groundwater, and various state-of-the art techniques (i.e., next-generation sequencing and gas chromatography), her findings indicated that both aerobic (e.g. *Pseudomonas* spp.) and anaerobic (e.g. *Desulfosporosinus* spp.) bacteria were likely involved in the degradation of these compounds. She also shed some light on novel mechanisms of cometabolism during the PCE biodegradation process, associated with oxygenases and reductive strategies linked to chlorate reductase. This study proved that the co-occurrence of reductive dechlorination and cometabolism/direct oxidation under microaerophilic conditions allows the dechlorination process, but it does not promote the complete dechlorination of PCE. As such, this should be taken into consideration during the implementation of bioreactor systems.

Promoter: Dr JC Castillo Hernandez

Co-Promoters: Dr ED Cason, Prof A Valverde and Prof D Litthauer

DOCTOR OF PHILOSOPHY MAJORING IN CONSUMER SCIENCES

MAFAESA, Manonyane Albertina Mamthimkulo

Manonyane Albertina Mamthimk'hulu Mafaesa is born in Maseru. Studied at the St John xxiii High school and acquired the Cambridge Overseas Certificate in 1986. Completed the Diploma in Education at the Lesotho Agricultural College in 1990. She started her professional career as an instructor in 1991 until 1995. She register for the Bachelor of Science in Home Economics at the University of the Free State in from 1996 to 1999, follow on with a Bachelor of Science Honours in 2001 and a Magister Scientiae of Science in Home Economics in 2006. From 2002 to 2007 she was head of the department of Home Science and Pattern drafting in the Technical and Vocational Department of the Ministry of Education in Lesotho. From 2007 to 2013 she was appointed as Home Economics Officer for the Ministry of Education in Lesotho and since 2013 she Inspector for Home Economics for the Ministry of Education in Lesotho.

With her research titled, **EXTRACTION, VARIABILITY, ENZYMATIC BIOSOFTENING AND EVALUATION OF PHYSICO-MECHANICAL PROPERTIES OF AGAVE AMERICANA L. FIBRE**, the candidate succeeds in developing a sustainable



and eco- friendly method to improve the textile properties of the fibre extracted from the Agave Americana L. plant. With her research she paves the way to meet the consumer demand for a natural fibre with interesting texture and variability in the application possibilities. This research provides a basis for development of much needed home industries or a larger industry in textiles and textile products from Agave Americana L. fibres readily available in Lesotho.

Promoter: Prof HJH Steyn

Co-Promoter: Prof M de Witt

PHETO-MOETI, Baatshwana

Baatshwana Pheto-Moeti was born in Botswana. She received diploma in Home Economics Education at University of Swaziland, BA degree, University of Stellenbosch 1996. She obtained both B.Sc. Honours and M.Sc. degrees at the University of Free State in 2002 and 2005 respectively. She taught in several secondary and senior schools in Botswana. She has participated in collaborative studies on Multi-site teacher education project with university of Sussex and Comparative analysis of consumer studies curriculum with university of North West. Has presented papers in local and international conferences and published in international journals. She is lecturer at Lesotho College of Education.

With her thesis titled, **THE MEANING AND SYMBOLISM OF CULTURAL DRESS PRACTICES IN LESOTHO**, the candidate contributes scholarship in the area of cultural dress practices. The research investigated the perceptions of people on the meaning and symbolism of cultural dress practices in Lesotho. The study discovered that there was a high degree of knowledge and understanding of meaning or symbolism of cultural dress practices at various stages of human development among the respondents. However, adherence to cultural dress practices was retained by a few individuals who were still attached to these practices, placing them in danger of being replaced by modern practices. Furthermore, the study revealed that there was need to preserve and encourage the conservation of Basotho cultural dress artefacts and practices for future generations to prevent their extinction.

Promoter: Dr JF Vermaas

Co-Promoter: Prof AJ Pelser

DOCTOR OF PHILOSOPHY MAJORING IN DISASTER MANAGEMENT

KUNGUMA, Olivia

Olivia Kunguma was born on 26 December 1982 in Chinhoyi, Mashonaland, Zimbabwe. She matriculated at Elite High School in 2002 and later attained a BA Integrated Marketing Communication in 2006, BA Hon Integrated Market Communication in 2007 and a Masters in Disaster Management in 2009 all qualifications at the University of the Free State. Indeed, Olivia Kunguma is a true Alumni of the University of the Free State. Her career in academics began in 2007 and she rose through the ranks from a Research Assistant to become a published lecturer at the University of the Free State.

With her thesis titled, **SOUTH AFRICAN DISASTER MANAGEMENT FRAMEWORK: DYNAMICS FOR ESTABLISHING INFORMATION MANAGEMENT AND COMMUNICATION SYSTEMS IN PROVINCIAL DISASTER MANAGEMENT CENTRE**, the candidate contributes to the improvement of service delivery in disaster management through investigating



the status quo and dynamics of establishing disaster information management and communication systems (IMCS) in the nine provincial disaster management centres (PDMCs) of South Africa. The study used a mixed-method approach to explore the PDMCs progress and status in establishing the IMCSs as prescribed by the National Disaster Management Framework since its promulgation in 2005. Despite the arrival of the fourth industrial revolution and the national policy that mandates the establishment of the IMCSs for effective disaster risk reduction and management, the PDMCs are lacking such systems. While the study challenges the South African disaster management legislation and policy, it also makes a valuable contribution to the good governance of the PDMCs. The findings also influenced the development of a framework that premised as a contribution to the body of knowledge to assist the PDMCs in establishing IMCSs to enhance community resilience building.

Promoter: Prof A Jordaan

Co-Promoter: Dr A Ncube

NYAHWO, Moddie Zvanguzvinu

Moddie Z Nyahwo was born in Zimbabwe, she completed her secondary education in Zimbabwe where she matriculated at Chipadze high school in 2003, she went on to obtain a B Soc Science (2012) at the University of the Free State, an advanced university diploma (2014) with the University of the Free State and a master's degree in disaster management (2015) at the University of the Free State.

With her thesis titled, **A CLIMATE CHANGE –INDUCED DROUGHT RESILIENT FRAMEWORK DEVELOPMENT FOR RESETTLED WOMEN UNDER FAST TRACK RESETTLEMENT PROGRAMME: A CASE OF ZIMBABWE**, the candidate makes a significant contribution to the body of knowledge through the development of a climate change- induced drought resilience framework, using the structural equation modelling statistical technique that is newly applied in the field of disaster management studies. The two-fold resilience framework is intended to set an avenue for an understanding of local strategies and innovations deployed in the disaster risk reduction and resilience building against climate-induced drought hazards and finally provide significant policy recommendations aimed at the attainment of resilience building against adverse effects of drought events in area and areas of similar environment and socio-economic status.

Promoter: Dr. B.M. Hlalele

Co-Promoter: Dr. A. Ncube

THINDA, Thabang Karneels

Karneels Thabang Thinda was born on 24 December 1976 Trompsburg Free State Province. He matriculated at Hlonamang Secondary School in 1996 and attained BINST AGRAR in Plant Protection Degree in 2003. He completed Business Administration (Hons) Degree at Southern Business School and Masters in Disaster Management at University of the Free State in 2012. Thabang successfully completed his Doctor of Philosophy Degree in Disaster Management in June 2020. Thabang started his career as Disaster Management Officer at Municipality and rose through the ranks to become a Director at Rural Development Department.

With his thesis titled, **MODELLING LAND REFORM BENEFICIARIES' CHOICE OF DISASTER RISK REDUCTION ADAPTATION STRATEGIES IN RESPONSE TO CLIMATE VARIATIONS**, the candidate contributes to the body of knowledge on disaster risk management, focusing on how land reform farmers adopt disaster risk reduction adaptation strategies in response to climate change. Using a multistage sampling technique, Thabang sampled 183 land reform beneficiaries from the Four (4) Provinces in South Africa to understand the perception and adaptation strategies to climate change among the



smallholder farmers as well as analysing relevant constraints and factors influencing the smallholder farmers' decision to adopt and the intensity of adoption of climate change adaptation strategies. His study revealed that education attainment, non-farm employment, farming experience were significant incentives to enhance smallholder farmers' adaptive capacity. The study also showed that a high percentage of smallholder farmers are constrained in adopting climate change adaptation strategies as a result of a lack of knowledge, lack of information on climate change and lack of capital.

Promoter: Prof AA Ogundeji

Co-Promoter: Dr JA Belle

DOCTOR OF PHILOSOPHY MAJORING IN ENVIRONMENTAL MANAGEMENT

UUGWANGA, Martha Ndeapo

Martha Ndeapo Uugwanga was born in Namibia on 02 October 1991. She completed her secondary education and matriculated at Uukule Senior Secondary School, Namibia in 2009. She obtained a Bachelor of Environmental Health Sciences degree in 2014 and a Master of Integrated Water Resources Management at the Namibia University of Science and Technology in 2016. She was also awarded the best third year student award in 2012 and had an opportunity to attend an exchange semester in Environmental Engineering at Helsinki Metropolia University of Applied Sciences, Finland in 2013. She is currently employed as a SHEQ Manager at Barloworld Namibia.

With her thesis titled, **HEAVY METAL POLLUTION FROM ABANDONED MINES IN NAMIBIA: A CASE OF OAMITES AND KLEIN AUB MINE SITES**, the candidate makes a contribution to a comprehensive environmental risk assessment of abandoned mine sites and the limited database of the emissions that is hosted by the Ministry of Mines and Energy, and the Ministry of Environment in Namibia. Using a suite of earth and environmental science techniques to assess the levels of metal concentrations in ambient air, tailings, sediments and water around two abandoned mine sites, namely, Klein Aub and Oamites, conduct source apportionment of ambient air particulate matter and model the dispersion and dilution of ambient air particulate matter to the nearby communities. The works of this study will inform development and implementation of a comprehensive monitoring system of emission around abandoned mine sites in Namibia.

Promoter: Prof NA Kgabi

DOCTOR OF PHILOSOPHY MAJORING IN FORENSICS SCIENCES

MTHEMBI, Pabalala Meshack

Pabalala Meshack Mthembu was born on 16 February 1964 in the Meadowlands township of Soweto, Johannesburg, South Africa. He matriculated at Phangasasa Senior Secondary School in 1982. He obtained a B.Sc. degree in 1995, and a B.Sc. Honours in 1999, both from the University of South Africa. He obtained a M.Sc. degree in Chemistry from the University of Pretoria in 2003. He started his career as a forensic analyst in the Chemistry Section of the South African Police Service Forensic Science Laboratory (SAPS-FSL) in Pretoria in 2002. At present he is the commander for complex drug analysis at the SAPS-FSL.

With his thesis titled, **CHEMICAL PROFILING OF THE STREET COCKTAIL DRUG 'NYAOPE' IN SOUTH AFRICA USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)**, the candidate contributes to scholarship around the



identification, quantitation and profiling of nyaope using gas chromatography - mass spectrometry. Using a validated analytical method, developed as part of the study, the chemical components of simulated nyaope samples as well as actual street samples were successfully identified and quantitatively determined using gas chromatography - mass spectrometry. The simulated and seized samples were successfully discriminated into original batches using the drugs identified in nyaope and two unsupervised chemometric methods, namely Principal Component Analysis and Hierarchical Clustering. The results of this research will assist law enforcement agencies in the identification and comparison of nyaope samples and facilitate the prosecution of illicit drug trafficking offences.

Promoter: Dr EM Mwenesongole

Co-Promoters: Prof. M. Cole and Prof JP Grobler

DOCTOR OF PHILOSOPHY MAJORING IN GENETICS

ALLEN, Anrie

Anrie Allen was born (15 June 1988) in Bloemfontein. She matriculated in 2006 at Hoër Volkskool, Graaf-Reinet, with distinctions in Afrikaans, English and Geography. Post-matric, Anrie obtained a BSc (Genetics) degree in 2009, a BSc (Hons) in Genetics (cum laude) in 2010 and a MSc (Genetics) in 2013. All degrees were obtained from the University of the Free State. From 2012 to 2016 she was a Research Assistant in Horticulture and Agronomy. In 2016 she became a Senior Analyst at the Clinomics Laboratory.

With her thesis titled, **GENETIC VARIATION IN SELECTED SOUTH AFRICAN PECAN NUT (*CARYA ILLINOINENSIS*) CULTIVARS**, the candidate made a major contribution to the Pecan industry. The uncoordinated propagation of pecan trees without confirmation of the source and genetic background of the plant material is creating a major problem in the Pecan industry. A database of DNA markers for the easy and accurate identification of trees is essential for the industry to use as a guarantee for the reliability of individual breeders to provide trees to the industry. The candidate succeeded in determining several reliable markers to be used in the identification of Pecan cultivars and she optimized all methods for employing these techniques. With this thesis, she provided reliable DNA markers, standardised methods and created a basic database for the pecan industry. The research already resulted in one publication and five conference contributions and further publications are envisaged.

Promoter: Prof JJ Spies

Co-Promoter: Dr GM Coetzer

DOCTOR OF PHILOSOPHY MAJORING IN GEOGRAPHY

PRETORIUS, Anneri

Anneri Pretorius, née Coetzee, was born in Bloemfontein on 24 January 1989. She received her secondary education in Bloemfontein, where she matriculated at Jim Fouché High School in 2007. She obtained the degrees B.Sc. Geology and Geography in 2010 and Geography Hons in 2011 both with distinction from UFS and received a scholarship to complete her M.Sc. in Sustainability Science and Policy at Maastricht University in Netherlands in 2012. She started her career as a junior lecturer at the Geography Department of UFS in July 2013 and enrolled for her PhD in Geography in 2017 at UFS.



With her thesis titled, **A SUSTAINABLE RURAL TRANSPORT FRAMEWORK: THE CASE OF MALUTI-A-PHOFUNG LOCAL MUNICIPALITY**, barriers to the implementation of sustainable rural transport in the Maluti-a-Phofung Local Municipality were investigated. Content analysis on local transport policies, plans, strategies, and frameworks, found little evidence of sustainable transport principles being pursued, while structured interviews and travel activity diaries from residents across the municipality indicated that although road conditions were substandard, residents' main concerns were the lack of employment and poor service delivery in the study area. The lack of sustainable transport principles in the local authority's plans along with the residents' concerns, suggest an under realisation of the goals of integrated access planning to stimulate rural transport for rural development in the local municipality. The study reveals that the local municipality requires assistance in integrating national and provincial policies and developing and effectively implementing transport plans. If sustainable transport is to be realised in South Africa, intervention at local government level for both policy integration and implementation support in local-level development plans deserves more attention.

Promoter: Prof. M.M.H. Mostafa

Co-Promoter: Prof G Mukwada

DOCTOR OF PHILOSOPHY MAJORING IN GEOHYDROLOGY

LUKAS, Eelco

Eelco Lukas was born on 12 October 1960 in the Netherlands, where he obtained a diploma in civil engineering from the Hogere Technische School in Zwolle in 1985. In that same year Eelco started to work for the Institute for Groundwater Studies at this University where started as a field technician and evolved in a programmer developing geohydrological software used in South Africa and abroad. Eelco obtained his master's degree in Geohydrology in 2012.

With his thesis titled, **RECHARGE FLOODING OF COLLIERIES IN SOUTH AFRICA**, the candidate contributes to the water management and safety of the mining industry. Using an algorithm developed by the candidate to identify depressions in a mine floor the candidate was able to simulate the recharge flooding. By adding the rainfall and recharge rates, it becomes possible to predict the volume and resting place of recharge water in abandoned mining voids. For underground mines different layouts will lead to different water distributions and this work makes it possible for planners to redirect recharge water from the active workings. Knowing the volume of water inside a mining void, will help with selecting the action needed when a barrier is punctured.

Promoter: Prof PD Vermeulen

DOCTOR OF PHILOSOPHY MAJORING IN MICROBIOLOGY

MOCHOCHOKO, Bonang Michael

Bonang Michael Mochochoko was born in Maseru, Lesotho. He matriculated at 'Mabathoana High School in 2002 and obtained a Diploma in Biomedical Sciences at the National Health Training College (NHTC) in 2007. He then started his career as a laboratory technician in the microbiology lab of the Queen Elizabeth II hospital in Maseru. In 2012, he obtained the B.Sc. degree in Microbiology, Honours degree in 2013, Msc (Microbiology) in 2015 and finally PhD in Microbiology in 2020. All degrees were obtained at the University of the Free State.

With his thesis titled, **THE ROLE OF THE IRON REDUCTIVE PATHWAY IN PROSTAGLANDIN PRODUCTION, POLYMICROBIAL INTERACTION AND INFECTION BY *CANDIDA ALBICANS***, the candidate contributes to the better understanding on the correlation between iron acquisition and the production of inflammatory lipid mediators, such as prostaglandin E2 (PGE2) during fungal infections. The candidate provides the first evidence that *Candida albicans* iron



acquisition genes, FET99 and FTH2, contribute significantly to hyphal formation, virulence in *Caenorhabditis elegans* infection model and to interspecies interactions with the human bacterial pathogen, *Pseudomonas aeruginosa*. Finally, the candidate provides valuable information on *Candida* biology by confirming that *C. albicans* may synthesise PGE2 as a tool for immune evasion or competitive fitness. This innovative study has led to the publication of one research article in an international peer reviewed journal.

Promoter: Prof CH Pohl-Albertyn

Co-Promoter: Prof J Albertyn

MADU, Lynda Uju

Lynda Uju Madu was born on 28 June 1984, in Ihiala, Anambra State, Nigeria. She completed her secondary education in 2002 and matriculated from Federal Government Girls' College Ibusa, Delta State, Nigeria. In 2009, she graduated with a BSc Hons in Microbiology at Madonna University, Okija, Anambra State, Nigeria. She later obtained a BSc Hons in Microbiology (2014) and MSc, cum laude, in Microbiology (2016) from the University of the Free State. In 2019, she was appointed as a teaching assistant in the Department of Microbial, Biochemical and Food Biotechnology at the University of the Free State.

With her thesis titled, **THE REPURPOSING OF ANTI-MALARIA DRUGS AS ANTI-CRYPTOCOCCAL DRUGS**, the candidate contributes to a foundation of work targeted at optimising the anti-cryptococcal activity of chloroquine and primaquine. Through the exploration of different in vitro approaches that includes direct susceptibility testing, photo-dynamic therapy and a susceptibility testing that involves modelling a blood-brain barrier, these antimalarials were screened for their inhibitory activity against *Cryptococcus neoformans* and *Cryptococcus gattii*. From a drug repurposing point of view, the obtained findings provide insight into the potency of these drugs as well as their possible mode of action. It should now be possible to design studies that explore the effectiveness of these drugs in animal models infected with cryptococcal cells and other fungal cells.

Promoter: Prof OM Sebolai

Co-Promoter: Prof CH Pohl-Albertyn and Prof J Albertyn

DOCTOR OF PHILOSOPHY MAJORING IN PLANT BREEDING

DU TOIT, Andreas Gerhardus Adriaan

André du Toit was born on 14 September 1978 in Wolmaransstad. He matriculated at the High School Dinamika in Alberton. He obtained a BSc degree in 2000, a BSc (Hons) degree in 2011, and an MSc degree in 2006, all from the University of the Free State. He started his career at PANNAR Seed in 2004 and is now the Africa wheat lead for Corteva Agri Science. Since his appointment at PANNAR in 2004 he was involved in the commercial release of 14 new winter dryland wheat cultivars and 18 new spring irrigation cultivars in South Africa.

With his thesis titled, **INTRODUCTION OF FOREIGN GERMLASM AS A BREEDING STRATEGY FOR THE SOUTH AFRICAN WHEAT INDUSTRY** the candidate addresses the premise of South Africa (SA) being a net importer of wheat, and the need to increase production to become self-sufficient. The exploitation of exotic or foreign germplasm can accelerate the development of new germplasm pools and provide new strategies for efficient germplasm use. Bread wheat nurseries of the International Maize and Wheat Improvement Centre (CIMMYT), Mexico, were screened and 888 selected genotypes were brought to SA for evaluation. This study proved that if selections from non-South African germplasm are made with specific physiological parameters in mind, it is possible to select superior germplasm compatible with the target production areas that



has the potential to give a yield advantage. However, the stringent quality release criteria narrow the possibility to absorb the selected germplasm directly into the broader wheat value chain.

Promoters: Prof MT Labuschagne

DOCTOR OF PHILOSOPHY MAJORING IN PLANT BREEDING

AMEGBOR, Isaac Kodzo

Isaac Kodzo Amegbor was born in Ghana on 4 March 1985. He obtained a BSc Agric degree from the University for Development Studies, Tamale, Ghana, in 2011 and an MSc (Plant Breeding) from the University of Ibadan, Nigeria, in 2015. Isaac started his career as a research fellow at the International Institute for Tropical Agriculture, Nigeria, after which, in 2013, he joined the Council for Scientific and Industrial Research Savanna Agricultural Research Institute in Ghana, where he works as a maize breeder. Isaac has contributed to the release of three maize varieties in Ghana.

With his thesis titled, **YIELD LINKAGE DRAG IN QUALITY PROTEIN MAIZE INBRED LINES AND HYBRIDS**, the candidate explored the notion of reduced yield in maize due to the genes linked to the quality protein maize (QPM) trait, which doubles the amount of two essential amino acids, lysine and tryptophan, significantly increasing the nutritional value of QPM. The QPM inbred lines yielded somewhat higher than non-QPM inbreds, but the QPM hybrids obtained from these inbreds yielded 13.9% less than non-QPM hybrids. There were, however, some QPM hybrids that had excellent and stable yield, which can be considered for commercial release. This study confirmed the presence of a negative association between grain yield and the genes coding for improved protein quality. The QPM trait was highly heritable, but yield was dominated by non-additive gene effects. Breeders must focus on pyramiding genes for good protein quality and yield characteristics in QPM genotypes.

Promoters: Prof MT Labuschagne and Dr A van Biljon

Co-Promoter: Dr A Tarekegne and Dr N Shargie

ANJEJO, Mathewos Ashamo

Mathewos Ashamo Anjejo was born on 13 January 1971 in Damboya, Ethiopia. He matriculated at Halaba High School in 1992 and later attained a BSc degree in Plant Sciences at the Haramaya University, Ethiopia in 1996 and an MSc degree at the same university in 2004. His career as a plant breeder began in 1997 at the Southern Agricultural Research Institute, at Areka Agricultural Research Center, Ethiopia where he is still employed.

With his thesis titled, **GENETICS OF STEM RUST RESISTANCE IN SELECTED WHEAT GERMPLASM**, the candidate's research contributes towards the control of wheat stem rust (caused by *Puccinia graminis* f. sp. *tritici*; Pgt), which is one of the most devastating diseases in wheat-growing areas worldwide. The study focused on the phenotypic characterisation and identification of synthetic and elite wheat lines resistant to major Pgt races across multiple environments. Furthermore, molecular marker analysis identified a considerable number of synthetic and elite wheat lines carrying economically important seedling and adult plant Pgt resistance genes. A genome-wide association study (GWAS) identified genetic regions linked to resistance against individual and multiple Pgt races studied. In addition to validation of known genetic regions, GWAS identified novel regions associated with resistance to various virulent Pgt races. These identified gene regions could play an important role in marker-assisted breeding for Pgt resistance.

Promoter: Prof L Herselman

Co-Promoter: Prof ZA Pretorius



NGINAMAU, Dibanzilua

Dibanzilua Nginamau was born on 3 May 1964 in Mbanza-Kongo municipality in Angola. He received his secondary education at the Nzolo Institute in Kimpese – DR Congo. He obtained a BSc Agric degree from the Higher Institute of Applied Techniques in Kinshasa – DR Congo, in 1990. He obtained an MSc (Plant Breeding) degree in 2005 from the University of Zambia, Lusaka. He started his career at the Agricultural Research Institute in Angola in 1997 and has worked as maize breeder for many years in partnership with the International Maize and Wheat Improvement Centre (CIMMYT) and is head of the cereals improvement programme.

With his thesis titled, **BREEDING OF ACID SOIL TOLERANT MAIZE GENOTYPES FOR ANGOLA** the candidate devised a strategy for developing acid soil tolerant yellow and white maize hybrids for Angola. Breeding efforts to develop high yielding and stable maize cultivars tolerant to soil acidity have been lacking in Angola, where maize production environments are characterized by acid soils. Yellow and white elite inbred lines adapted to the mid-altitude conditions, and acid tolerance donors, were sourced from the International Maize and Wheat Improvement Centre (CIMMYT)-Zimbabwe and CIMMYT-Colombia (South America), respectively. A line by tester design was used for genetic analysis. Multi-environmental trial data identified acid soil tolerance donors, and inbred lines that combined well with these donors. Results of this thesis are already being applied in maize breeding in Angola and could make a significant contribution to food security in this country by improving hybrid yield under acid soil conditions.

Promoter: Prof MT Labuschagne

Co-promoters: Dr A Van Biljon, Dr C Magorokosho and Dr CN Kamutando

DOCTOR OF PHILOSOPHY MAJORING IN PLANT PATHOLOGY

ROTHMANN, Lisa Ann

Lisa Ann Rothmann was born in Pietermaritzburg on 22 April 1990. She received her secondary education at St Johns DSG in Pietermaritzburg, where she matriculated in 2007. She obtained the degree BSc (Agric) in 2011, BSc (Agric. Hons) in 2012, MSc (Agric) in 2015 and PhD in Plant Pathology in 2020 at the University of the Free State. In 2017 she initiated the The South African Sclerotinia Research Network as a community of practice for local Sclerotinia researchers. She started her career as a Lecturer in Plant Disease Epidemiology in the Department of Plant Sciences in 2019.

With her thesis titled, **SPATIAL QUANTIFICATION AND HIERARCHY CHARACTERISATION OF SCLEROTINIA PREVALENCE FROM A DECADE OF OBSERVATIONS IN SOYBEAN AND SUNFLOWER**, the candidate contributes to understanding and managing the prevalence of sclerotinia stem rot of soybean and head rot of sunflower in South Africa and the prediction of disease risk based on weather and agronomic variables collected during a 10-year national survey. Data were used to map, graphically plot and tabulate provincial and annual prevalence and response frequencies across a range of spatio-temporal scales. A logistic regression model provides a framework for the development of future Sclerotinia disease forecasts in South Africa, essential to the timing of intervention technologies. The prevalence of sclerotia recovered from seed collected from South African silos was mapped and provides insight into the pathogen persistence in soils of surrounding production regions, as well as an indication of potential sclerotia in farm-saved seed.

Promoter: Prof NW McLaren

Co-Promoter: Prof. EM Del Ponte



DOCTOR OF PHILOSOPHY MAJORING IN SOIL SCIENCE

CHICHONGUE, Oscar Joao

Óscar João Chichongue was born on 27 October 1978 in the rural area of Mabote, Mozambique. He received his secondary education in Maputo, where he matriculated at the Matola Secondary School in 1997. He graduated with a bachelor's degree in Mozambique at Eduardo Mondlane University (UEM) in 2006 and a master's degree in Sustainable Soil Research Management at the University of Nairobi, Kenya in 2013. His career as a researcher began in Niassa, Mozambique in 2008 at the Mozambique Agricultural Research Institute (IIAM).

With his thesis titled, **COMPARISON OF CROP MANAGEMENT SYSTEMS FOR SMALLHOLDER FARMERS IN MOZAMBIQUE**, the candidate contributes to increased household crop productivity of smallholder farmers in Mozambique by improving soil properties through adoption of conservation agriculture practices. A sociological survey, consisting of 616 smallholder farmers purposively selected, was conducted to identify factors that influence smallholder farmers' decisions to adopt conservation agriculture practices. Household size, education, labour, occupation, animal ownership, communication assets, membership, farm size, and training had a positive influence on CA adoption. Field experiments were also conducted to evaluate the effects of tillage systems, fertilization, and cropping pattern on soil physical and chemical properties as well on maize and legume stover and grain yield. In general, soil physical and chemical properties were significantly influenced by the tillage system while the maize and legume stover and grain yields were, in most cases, significantly influenced by tillage systems, fertilization and cropping pattern.

Promoter: Prof JJ Van Tol and Dr GM Ceronio

Co-Promoter: Prof CC Du Preez

DOCTOR OF PHILOSOPHY MAJORING IN URBAN AND REGIONAL PLANNING

MOCWAGAE, Kgosi Simphiwe

Kgosi Mocwagae was born on 8 July 1990 in Umlazi, Durban. He received his secondary education in Bethlehem, where he matriculated at the Witteberg High School in 2007. He obtained a BSc in Information Technology in 2013, Bachelors in Spatial Planning Hons in 2014, and Masters in Urban and Regional Planning in 2016 degrees at the University of the Free State (UFS). He started his career as Junior Lecturer in Bloemfontein at the UFS in 2015. At present, he is currently a Programme Director and Lecturer at the UFS.

With his thesis titled, **A TALE OF THREE DAMS: EXPLORING QWAQWA WATER CRISIS FOR EFFECTIVE PLANNING IN POST-APARTHEID SOUTH AFRICA**, the candidate contributes to Urban Planning focusing on planning for water as a basic human need. The study used a mixed-methods approach that sampled 26 interviews and 571 household questionnaires to explore the factors that were at play that led to the QwaQwa water crisis. The QwaQwa water crisis was claimed to have started in 2016, but the study demonstrated that water access was an issue since its establishment as a homeland on 1 November 1974. The study further demonstrated that the lives of the community were affected in terms of the time, quality, cost, and distance related to water access. Water was accessed from water tankers, rivers, rainwater, boreholes, purchasing, and donations from various parties to aid the crisis. The study makes a valuable contribution to effective planning for water in communities that are considered insignificant similar QwaQwa.

Promoter: Dr TN Mphambukeli

Co-Promoter: Dr VO Okorie



DEAN |

PROF RS LETŠOSA

MASTER'S DEGREES

MASTER OF RECONCILIATION AND SOCIAL COHESION

MADIDA, Phiwinhlanhla

MASTER OF THEOLOGY WITH SPECIALISATION IN SPIRITUALITY

KRUGER, Johannes Stephanus*

DOCTORAL DEGREES

DOCTOR OF THEOLOGY WITH SPECIALISATION IN RELIGION STUDIES

HUMBE, Bernard Pindukai

Bernard Pindukai Humbe was born in Buhera District of Manicaland Province on 18 November 1978. He received his secondary education in Chivhu, where he matriculated at St Francis of Assisi High in 1994. He obtained a Diploma in Religious Studies in 1999 from the University of Zimbabwe (UZ), Hons in Religious Studies in 2003 (UZ), Masters in Religious Studies in 2005 (UZ) and Graduate Diploma in Education in 2007 (UZ). He started his career as a secondary school teacher in Mhondoro in 2003 and at present he is a lecturer at Great Zimbabwe University.

With his thesis titled, **THE MEANING OF AFRICAN TRADITIONAL RELIGION FOR MODERN SOCIETY: ZIMBABWE AS A CASE STUDY**, the candidate contributes to scholarship on Religion, focusing on the meaning of African Traditional Religion in modern society of Zimbabwe. Basing on fieldwork carried out in Buhera District, the research explored the functional, substantive and affective postulation of the meaning of African traditional religious practices in Zimbabwe. The study noted that meaning of ATR is never entirely neutral and objective for it holds various hidden assumptions which are sometimes ideological or tactical designations. To this end, the conceptualisation of ATR in modern society of Zimbabwe is characterised by dynamics of alterisation processes that condition the contemplation between this religion and western religions (especially Christianity). These processes of alterisation are characterised by representing and treating ATR through synecdochisation, exoticisation, undervaluation, overvaluation, misunderstanding and exclusion.

Promoter: Prof L Ntombana

Co-Promoter: Dr N Mndende

DOCTOR OF PHILOSOPHY WITH SPECIALISATION IN PRACTICAL THEOLOGY

STRUWIG, Dihan Matthys

Dihan Struwig was born in Springs on 21 February 1986 where he completed his secondary education at the Hoërskool Hugenote in 2004. He obtained a Bachelor of Theology from the Aucklandpark Theological Seminary in 2012, and a B.A. Hons



(2014), a Masters (2016) in Systematic Theology, and a PhD in Practical Theology in 2020 from the University of the Free State. In 2016, he started his career as an educator in Bloemfontein. He is still in this position.

With his thesis, **MILLENNIAL SPIRITUALITY AND DIGITAL CULTURE: A PRACTICAL-THEOLOGICAL STUDY**, the candidate contributes to scholarship on the spiritual inclinations of the millennial age bracket. The researcher proposes the theory that spirituality functions as a monomyth that views all narratives as variations of a single great story in the process of spiritual and identity formation of the millennials. Ratio-spirituality is developed as a narrative model within the monomyth where God is placed as the Ultimate Concern and one's life is oriented through self-transcendence, accordingly, discovering the relationship that God has with the universe and man. The creation of a possible space that allows and supports transformation enables the involvement of digital storytelling - any story that can be found in digital form that helps individuals find their unique voices - in the process of spiritual formation.

Promoter: Prof JA Van Den Berg

Co-Promoter: Prof R Venter

The Main Procession graduation gowns -

embroidered with rich
diversity

South Africa, and the Free State in particular, has a long-standing friendship with our neighbouring country, Lesotho.

Through a shared history, we have become co-creators of our futures. For this reason, the UFS decided to incorporate our tradition with that of the Basotho in the design of our Main Procession graduation gowns.

The gowns are inspired by the Seanamarena – the traditional Basotho blanket. The different patterns on the Seanamarena indicate the status one holds in the Basotho nation or reflect the occasion being celebrated. Keeping the Seanamarena pattern in mind, we combined our traditional academic designs with that of the Basotho nation.

THE
SEANAMARENA

THE
TRADITIONAL
BASOTHO BLANKET

YOKE PATTERNS



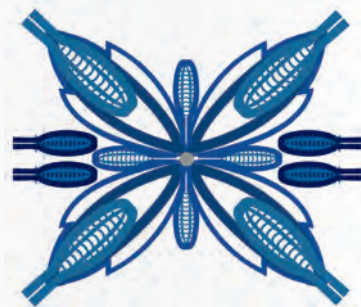
Yoke pattern for the Chancellor and Vice-Chancellor

This Seanamarena pattern is an interpretation of a design – used exclusively for the king and chiefs –which means “to swear by the king”. This blanket has the highest status of all Basotho blankets.



Yoke pattern for the Chairperson of the Council

This Seanamarena Victorian crest motif appeared after the visit of the Prince of Wales to Lesotho in 1925, which made a profound impression on the local people. Customers refer to this blanket as ‘lesiba’ – meaning feathers – when buying it.



Yoke pattern for the Vice-Rector

This Seanamarena Poone design symbolises good crops, wealth, and fertility. The Poone is given as a present to honour an important visitor.



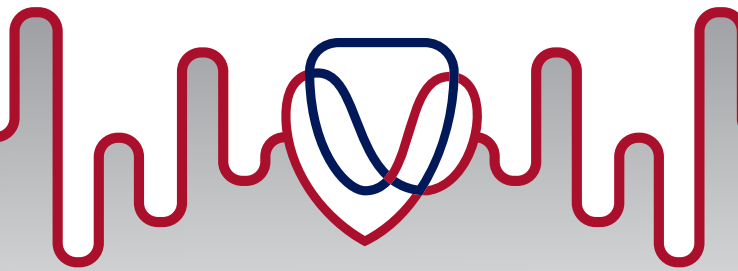
Yoke pattern for Registrar

The same Seanamarena Poone design used for the Vice-Rector applies to the Registrar, with some slight design and colour alterations.

The Deans wear gowns made in the colours of the faculties or others which indicate the office they hold.

CONGRATULATIONS FROM THE ALUMNI OFFICE

Congratulations on your graduation and best wishes for your next adventure!
We are very proud of you and your achievements.



KEEP CONNECTED

Alumni are a real measure of a university's brand and we strive to keep you informed of the latest news about our young leaders, pioneers and the projects emerging from the UFS. We do this through our online platforms, social media, publications like **BULT** and events such as the **Chancellor's Distinguished Alumni Awards**. We hope that you will keep connected with your Alma Mater by sharing your future achievements with our alumni community.

VOICES FROM THE FREE STATE

Voices from the Free State is a series of alumni initiated and led personal podcast narratives by outstanding alumni of the UFS who reflect on their experiences at the UFS, telling their stories, and explaining how their university years shaped their future and paved the way for their respective successes. Join the [Voices from the Free State](#) podcast series as we release a new podcast featuring a different alumnus on the first Monday of each month throughout 2021.

A CONNECTED COMMUNITY

We exist not only to keep you connected to your Alma Mater but to help you stay connected to each other. We encourage engagement and networking opportunities through virtual or hybrid events, informal visits and guest lectures. You can connect with alumni globally and reconnect with former peers through the Alumni Office.

The Alumni Team



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STRENGTHENING BONDS

We value your financial contributions, your time, your skills and your networks. Strengthen your bond with your Alma Mater by becoming involved in mentoring, projects, events and initiatives aimed at creating a fulfilling student and alumni experience for fellow UFS students and alumni. For more information about impactful projects or to donate visit our [donations webpage](#).

HERE FOR YOU

We are the Alumni Office team and we are here for YOU. Stay connected with us via email, our [website](#) or social media ([FB](#) and [Li](#)). Ensure that you update your details with us regularly so we may celebrate your unfolding journey and successes with you.

To update your details online at www.ufs.ac.za/alumni or email alumni@ufs.ac.za. Include your date of birth, cell phone number and full names.

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