

**Welcome to the
Graduation Ceremony
of the
University of Johannesburg
17 October 2018**

**Welkom by die
Gradeplegtigheid
van die
Universiteit van Johannesburg
17 Oktober 2018**

**Le a Amogelwa
Moletlong wa Dikapešo wa
Yunibesithi ya Johannesburg
17 Diphlane 2018**

**Niyamukelwa
eMcimbini wokweThweswa kweZiqu
weNyuvesi yaseJohannesburg
17 kuMfumfu 2018**

UNIVERSITY OF JOHANNESBURG

CHANCELLOR

Prof NS Ndebele
BA (Lesotho), MA (Cambridge UK), PhD (Denver USA)

SENIOR OFFICE-BEARERS OF THE UNIVERSITY

VICE-CHANCELLOR AND PRINCIPAL

Prof T Marwala
BS Eng (Case Western Reserve USA), MEng (UP), PhD (Cambridge UK)

DEPUTY VICE-CHANCELLOR ACADEMIC

Prof A Parekh
BA, BA Hons, MA (UDW), MA (Kansas USA), DPhil (UDW)

DEPUTY VICE-CHANCELLOR: RESEARCH AND INTERNATIONALISATION

Prof S Sinha
BEng, MEng, PhD (UP)

REGISTRAR

Prof IC Burger
BA, HEd, BA Hons, MA, PhD (RAU)

CHIEF FINANCIAL OFFICER

Ms N Mamorare
BCom (Rhodes), BCom Hons (UKZN), CA (SA)

DEPUTY VICE-CHANCELLOR: EMPLOYEES AND STUDENT AFFAIRS

Ms KC Mketi
BA (Bophut), BA Hons (RAU), MBL (Unisa)

CHIEF OPERATING OFFICER

Prof A Swart
NDip, NHDip (TWR), BEd, MEd (RAU), DTech (TWR)

GENERAL COUNSEL

Prof PH O'Brien
BCom, LLB, LLM, LLD (RAU)

SENIOR EXECUTIVE DIRECTOR IN THE VICE-CHANCELLOR'S OFFICE

Dr N Vukuza
BA (Fort Hare), BA Hons (Rhodes), DTE (UNISA), MA (Wits), PhD (Stellenbosch)

EXECUTIVE DEANS

COLLEGE OF BUSINESS AND ECONOMICS

Prof D van Lill
BSc, BSc Hons, MSc, PhD (US)

FACULTY OF ART, DESIGN AND ARCHITECTURE

Prof F Freschi
BA (Wits), BA Hons (UCT), PhD (Wits)

FACULTY OF EDUCATION

Prof SJ Gravett
BA, HEd (PU for CHE), BEd, MEd, DEd (RAU)

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

Prof DJ Mashao
BSc Eng (UCT), MSc Eng (UCT), MSc AM (Brown, USA), PhD (Brown, USA)

FACULTY OF HEALTH SCIENCES

Prof S Nalla (Acting)
BSc (Wits), BSc Hons (Wits), Certificate ELLD (UJ), PhD (Wits)

FACULTY OF HUMANITIES

Prof AB Broadbent
BA, BA Hons, MPhil, PhD (Cambridge UK)

FACULTY OF LAW

Prof LG Mpedi
B Juris, LLB (Vista), LLM (RAU), LLD (UJ)

FACULTY OF SCIENCE

Prof D Meyer
BSc, BSc Hons, MSc (RAU), PhD (California USA)

MEMBERS OF COUNCIL

CHAIRPERSON

Mr MS Teke

DEPUTY CHAIRPERSON

Ms Z Matlala (Acting)

MEMBERS

Prof H Abrahamse
Mr FM Baleni
Ms S Dlamini
Ms K Gugushe
Prof D Hildebrandt
Ms X Kakana
Mr G Khosa
Ms B Madikizela
Mr M Mahlasela
Prof T Marwala
Ms BJ Memela-Khambula
Prof A Parekh
Mr C Phetla
Dr WP Rowland
Prof A Strydom
Dr M Tom

Programme

Wednesday, 17 October 2018 at 17:00

To ensure good order during the ceremony all those present are requested to leave the Auditorium only after the ceremony has been concluded.

The academic procession enters the Auditorium and the members of the procession take their seats on the stage.

The choir sings Gaudeamus Igitur (or a CD is played) while those present remain standing.

The Chancellor constitutes the congregation.

Choir.

Welcome.

The relevant Executive Dean presents the candidates to the Chancellor for the conferment of a degree/diploma/certificate.

Singing of the National Anthem.

The Chancellor dissolves the congregation.

The academic procession leaves the Auditorium while those present remain standing.

Lenaneo

Laboraro, 17 Diphaleane 2018 ka 17:00

Go kgonthiša gore dilo di sepela ka tshwanelo nakong ya moletlo, bohle bao ba tšilego moletlong ba kgopelwa go tšwa ka Holong ya kopano feela ka morago ga ge moletlo o phethilwe.

Sehlopha sa dirutegi se tsena ka Holong ya kopano gomme maloko a sehlopha se a dula ditulong tša ona sefaleng.

Khwaere e opela Gaudeamus Igitur (goba CD e tlo bapalwa) mola bao ba lego gona ba tšwela pele go ema.

Mokhanseliri o kopanya phuthego.

Khwaere.

Dikamogelo.

Hlogophethiši ya maleba ya lefapha e hlagiša dialoga go Mokhanseliri gore di newe tikrii/diploma/setifikeiti.

Go opelwa ga Koša ya Setšhaba.

Mokhanseliri o phatlalatša phuthego.

Sehlopha sa dirutegi se tšwa ka Holong ya kopano mola bao ba lego gona ba tšwela pele go ema.

Program

Woensdag, 17 Oktober 2018 om 17:00

Ter wille van die ordelike verloop van die plegtigheid
word alle aanwesiges vriendelik versoek
om die Ouditorium nie voor die einde van die plegtigheid te verlaat nie.

Die akademiese proses kom die Ouditorium binne en neem op die verhoog plaas.
Die koor sing Gaudeamus Igitur (of 'n CD word gespeel) terwyl die aanwesiges staan.

Die Kanselier stel die kongregasie saam.

Koor.

Verwelkoming.

Die betrokke uitvoerende dekaan stel die kandidate aan die Kanselier voor vir die
toekenning van 'n graad/diploma/sertifikaat.

Sing van die volkslied.

Die Kanselier ontbind die kongregasie.

Terwyl die aanwesiges bly staan, verlaat die akademiese proses die Ouditorium.

Uhlelo

uLwesithathu, 17 kuMfumu 2018 ngele-17:00

Ukuze kuqinisekwe ukuthi konke kuhamba kahle ngesikhathi somcimbi, bonke abakhona
bacelwa ukuba baphume eHholweni kuphela lapho umcimbi usuphuthuliwe.

Udwendwe lezifundiswa lungena ehholweni bese amalungu odwendwe ahlala phansi
esiteji.

Ikwaya icula i-Gaudeamus Igitur (noma kudlalwa iCD) ngalenkathi labo abakhona
besamile.

UShansela uhlanganisa ibandla.

Ikwaya.

Ukwamukelwa.

Izinhloko Eziyiziphathimandla ezithintekayo zethula abafundi kuShansela weNyuvesi
ukuze bathole idigiri/idiploma/isitifiketi.

Kuculwa iHubo Lesizwe.

Gaudeamus Igitur

Gaudeamus igitur,
Juvenes dum sumus;
Post iucundum iuventutem,
Post molestam senectutem
Nos habebit humus.

Vivat academia,
Vivant professores,
Vivat membrum quodlibet,
Vivat membra quaelibet;
Semper sint in flore!

English

Let us rejoice, therefore,
While we are young.
After a pleasant youth
After a troubling old age
The earth will have us.

Long live the academy!
Long live the professors!
Long live each student;
Long live the whole fraternity;
For ever may they flourish!

Sesotho sa Leboa

Ka gona, a re thabeng,
Re sa le ba bafsa.
Ka morago ga bofsa bjo bo bose
Ka morago ga go tšofala mo go nago le
mathata
Lefase le tla ba le rena.

Phela thuto phela!
Phelang diprofesa phelang!
Phelang baithuti phelang;
Phela kagišano ka botlalo phela;
O ka re ba ka phela gabotse goyagoile!

Afrikaans

Laat ons dan vrolik wees,
Terwyl ons jonk is;
Na 'n aangename jeug.
Na 'n onaangename oudag,
Sal die aarde ons hou.

Lank lewe die universiteit,
Lank lewe die professore,
Lank lewe elke student,
Lank lewe al die studente,
Mag hulle vir ewig hul jeug behou!

Zulu

Ngakho, masithokoze
Sisebasha nje.
Emva kobumnandi bobusha
Emva kwezinkinga zobudala
Umhlaba uzosithatha.

Phambili ngemfundo!
Phambili boSolwazi!
Phambili nakuwe mfundi;
Phambili ngenhlangano yonke;
Maziqhubeke ngonaphakade!

QUALIFICATIONS

1. Advanced Diploma

Chirwa, Suzan (Financial Management)
Fumba, Nobuhle Tamara (Financial Management)
Hlongwane, Humphrey Mpumelelo (Financial Markets)
Ismail, Sabeedah Feroz (Business Information Technology)
Khumalo, Siphakamiso (Business Information Technology)
Lala, Kishen Pravin (Financial Management)
Mambana, Sibusiso (Accountancy)
Matlou, Neo (Business Information Technology)
Mbanga, Olwethu (Business Information Technology)
Metsing, Rebecca Seipati (Financial Management)
Mulanga, Tshibangu (Financial Markets)
Mvulana, Anda (Financial Markets)
Themba, Sechaba Katleho (Business Information Technology)

2. Baccalaureus Technologiae

Ciliza, Nokukhanya (Logistics)
Dlangalala, Mpho (Logistics)
Graaff, John Andre (Logistics)
Lechong, Lerato Esther (Transportation Management)
Mabe, Nthabiseng Ethel (Tourism Management)
Majola, Mthokozisi (Human Resource Management)
Makeleni, Asemahle (Logistics)
Makgato, Ntshimane Prince (Transportation Management)
Mbongwa, Anele Thandeka (Transportation Management)
Mokgoetsi, Nico Katlego (Logistics)
Mtsweni, Theophyllus Vusi (Transportation Management)
Nkoana, Molebogeng Elizabeth (Marketing)
Nogemane, Olwakhe (Human Resource Management)
Phiri, Benjamin Sonwabile Sambani (Logistics)
Ramokgadi, Gladys Masabata (Marketing)
Silungwe, Cynthia Nkhumeleni (Transportation Management)
Sipaka, Athi Thandile (Transportation Management)
Zwane, Mjabuliseni (Business Administration)

3. Master of Arts (MA)

Mapanda, Betty Rufaro (Public Management and Governance)

Dissertation: The role of the board of directors on corporate governance in Zimbabwe National Water Authority (ZNWA)

Supervisor: Prof DE Uwizeyimana

Mokhethi, Likabiso Regina (Public Management and Governance)

Minor dissertation: Factors influencing the sustainable implementation of the Industrial Policy Action Plan

Supervisor: Dr D Nel

Co-Supervisor: Dr DC Ukwandu

Mufahothe, Washington Mbengeni (Public Management and Governance)

Dissertation: Critical success factors for sustainable renewable energy policy implementation

Supervisor: Dr D Nel

4. Master of Commerce (MCom)

Chilenga, Ntharika Lusungu (Business Management)

Minor dissertation: An assessment of the entrepreneurial mindset of high school learners in Gauteng

Supervisor: Prof S Dhliwayo

Chitumbura, Jonathan Munyaradzi (Investment Management)

Dissertation: The evolution of the private offshore wealth management services industry in Zimbabwe during the post dollarisation period

Supervisor: Mr O Takawira

Co-Supervisor: Mr N Oberholzer

Claassens, Hilana (Industrial Psychology)

Minor dissertation: Job resources as moderators of the relationship between job demands and wellbeing

Supervisor: Dr CM Henn

Coovadia, Husain Ebrahim (Accounting) **(with distinction)**

Dissertation: A technology based solution for the teaching of basic accounting principles

Supervisor: Dr C Ackermann

Co-Supervisor: Prof D Coetsee

Dziwa, Simbarashe Kudzai (Financial Economics)

Minor dissertation: Moments of the discounted renewal cash flows: A copula approach

Supervisor: Prof F Adekambi

Gossayn, Christina (Industrial Psychology)

Minor dissertation: Exploring the work identity of working mothers

Supervisor: Dr A Crafford

Gumede, Hlengiwe Velencia (South African and International Taxation)

Limited scope dissertation: The income tax treatment of an assessed loss: A comparison between South Africa and Israel

Supervisor: Ms S Mostert

Hlongwane, Linda Tsholofelo (Business Management)

Minor dissertation: Mobile banking as a means to financial inclusion

Supervisor: Ms S Hughes

Janse van Rensburg, Anna Maria (Financial Management)

Dissertation: Knowledge and skills required by entry-level accountants for integrated reporting

Supervisor: Ms A Oosthuizen

Co-Supervisor: Prof C Ackermann

Katane, Jaqueline Mmathapedi (IT Management)

Dissertation: The influence of (ICT) tools and project management maturity on virtual team performance

Supervisor: Dr SM Dube

Kopylova, Natalia (Development Economics)

Minor dissertation: The role of grants in helping emerging South African farmers to access agricultural markets

Supervisor: Prof T Greyling

Co-Supervisor: Dr H Amusa

Lally, Liezel Ilana (Business Management)

Minor dissertation: Exploring employee brand loyalty in a South African bancassurance company

Supervisor: Dr PH Thomas

Lansdell, Peter Anthony (Auditing)

Dissertation: The development of pervasive qualities and skills of prospective chartered accountants

Supervisor: Prof B Marx

Co-Supervisor: Prof A Mohammadali-Haji

Ledikwe, Aobakwe (Marketing Management) **(with distinction)**

Dissertation: The perceived influence of relationship quality dimensions on brand performance in the apparel industry of Botswana

Supervisor: Prof M Roberts-Lombard

Co-Supervisor: Prof HB Klopper

Ledingoane, Christina Mmadira (Development Economics)

Minor dissertation: Constraints for the growth of informal enterprises: A case study in Diepsloot, Johannesburg

Supervisor: Dr JMM Viljoen

Mabindisa, Ntombomzi Gloria (Development Economics)

Minor dissertation: Human capital and economic growth: A cross-municipality panel-data analysis in South Africa

Supervisor: Prof NN Ngepah

Makgato, Tshepo (Business Management)

Minor dissertation: Customer service in the distribution environment of an alcohol beverage industry in Gauteng

Supervisor: Prof GC Prinsloo

Maluleke, Vusiwana Atline (Business Management)

Minor dissertation: Barriers to information access as experienced by learners at rural schools

Supervisor: Prof T du Plessis

Malumane, Tshepo Tumelo Mxolisi (Business Management)

Minor dissertation: Innovation and culture as dynamic capabilities: The case of a vertically integrated sawmilling company

Supervisor: Ms H Hughes

Mashava, Rirhandzu Sharon (Business Management)

Minor dissertation: Factors influencing inter-country rail construction: A case study

Supervisor: Prof GC Prinsloo

Mekoe, Motsei Moira (Business Management)

Minor dissertation: A strategic operational model to transform emerging milk enterprises in Gauteng

Supervisor: Mr H Coetzee

Michas, Michelle (Industrial Psychology)

Minor dissertation: Validation of the Centre for Epidemiologic Studies Depression Scale - Revised among non-clinical samples in the workplace

Supervisor: Dr CM Henn

Mogapi, Benjamin (Finance)

Minor dissertation: The value premium anomaly: Evidence from the JSE in the post global financial crisis era

Supervisor: Dr CL le Roux

Motaung, Mmalefa Florinah (Development Economics)

Minor dissertation: An analysis of the relationship between union membership and wages in South Africa

Supervisor: Prof T Greyling

Co-Supervisor: Prof NN Ngepah

Ndadza, Mashudu Patunia (Business Management)

Minor dissertation: Millennials' perceptions of skills transfer in a South African retail bank

Supervisor: Dr PH Thomas

Ngwenya, Mlibazisi (Finance)

Minor dissertation: The impact of jet fuel hedging strategies in the African airline industry

Supervisor: Mr R van der Walt

Nkwinika, Libertine Simangele (Local Economic Development)

Technical research project: Enterprise development effectiveness of government funded incubators in Gauteng

Supervisor: Dr M Venter

Co-Supervisor: Prof E Swanepoel

Nndwamato, Mulalo (Business Management)

Minor dissertation: Influence of ATM customer experience on overall banking satisfaction

Supervisor: Prof E Bbenkele

Ofori-Danso, Francis (South African and International Taxation)

Limited scope dissertation: Tax coherence in the alignment of South African legislation with the OECD base erosion and profit shifting action plans

Supervisor: Mr TR Madiba

Co-Supervisor: Dr M Bornman

Oguntade, Oluyemi (IT Management)

Dissertation: The relationship between information and communication technology governance, project governance and project success

Supervisor: Mr LJ Erasmus

Pedlar, Ashley Carin (Investment Management)

Dissertation: Sector specific long-run relationships between leverage and P/E ratios on the FTSE/JSE Top 40 Index

Supervisor: Mr N Oberholzer

Penn, Neo Mathias (South African and International Taxation)

Limited scope dissertation: South African capital gains tax implications for non-resident companies on the disposal of shares in land-rich companies

Supervisor: Ms S Mostert

Petja, Albert Pogiso (Investment Management)

Dissertation: Forecasting volatility on the Resources 10, Financial 15 and Industrial 25 FTSE/JSE indices

Supervisor: Mr N Oberholzer

Picane, Amanda (Development Economics)

Minor dissertation: The effect of crude oil price changes on sector GDP contribution and employment levels in South Africa

Supervisor: Dr AB Pholo

Co-Supervisor: Dr JMM Viljoen

Pietersen, Rogan (Finance)

Minor dissertation: South African bonds as an alternative diversification asset for developed bond markets

Supervisor: Prof I Botha

Prinsloo, Zachda (Business Management)

Minor dissertation: Effective knowledge sharing tools for knowledge workers

Supervisor: Dr PA Laughton

Ramodike, Mankwana Alwin (Business Management)

Minor dissertation: The state of communication between management levels in a local municipality

Supervisor: Dr PH Thomas

Ramosolo, Thabiso Gabriel (Development Economics)

Minor dissertation: The role of agriculture in reducing poverty: Evidence from rural Limpopo and Kwazulu-Natal

Supervisor: Prof LH Ting

Co-Supervisor: Dr MR Maleka

Shodries, Bradley Warren (Business Management) **(with distinction)**

Minor dissertation: The role of millennial traits on organisational performance in the banking industry

Supervisor: Dr AM Makka

Sithole, Phetole Vincent (Local Economic Development)

Technical research project: Enterprise development through business social responsibility: The case of mines in the Sol Plaatje Municipality

Supervisor: Prof E Swanepoel

Co-Supervisor: Dr M Venter

Suleman, Aamir (Business Management)

Minor dissertation: Enhancing the efficacy of management development programmes through ethical leadership

Supervisor: Mr D Rossouw

Tchatchouang, Julie Raissa (Finance)

Minor dissertation: A comparative analysis of the performance of the FTSE/JSE Top 40 and the JSE alternative indices for optimised investor returns

Supervisor: Mr N Oberholzer

Co-Supervisor: Mr J Mabejane

Tchuinkam Djemo, Charles Raoul (Financial Economics)

Minor dissertation: Exchange rate risk and international equity portfolio diversification in emerging markets: A South African investor perspective

Supervisor: Prof JW Muteba Mwamba

Tsebe, Bontle Bridgette (Industrial Psychology)

Minor dissertation: The moderating effect of the Big Five personality traits on the relationship between depression and work engagement

Supervisor: Dr CM Henn

Venter, Pierre Johan (Investment Management) (with distinction)

Dissertation: Volatility models applied to risk measurement after the global financial crisis

Supervisor: Mr N Oberholzer

Co-Supervisor: Prof CAA Labuschagne

Wilmans, Gorton (Development Economics)

Minor dissertation: Smoking and subjective well-being in South Africa

Supervisor: Ms N Rashied

5. Master of Philosophy (MPhil)

Benetti Longhini, Cara Deanna (Industrial Psychology)

Minor dissertation: Psychological neoteny in relation to age and gender

Supervisor: Prof F Crous

Co-Supervisor: Prof GP de Bruin

Brennan de Vine, Kathleen Jenna (Industrial Psychology) (with distinction)

Minor dissertation: The relationship between the Five-Factor Model facets and burnout

Supervisor: Dr B Morgan

Ceronio, Louise Mariana (Leadership Coaching)

Minor dissertation: Academic mentoring: A valuation of an accelerated development programme

Supervisor: Prof F Crous

Dye, Rodene Natalie (Leadership Coaching) (with distinction)

Minor dissertation: A valuation of an accelerated academic mentoring programme for senior lecturers

Supervisor: Prof F Crous

Khalil, Islam Mohamed Mahmoud Mohamed Ibrahim (Industrial Policy)

Minor dissertation: The effect of investment climate on the performance of manufacturing firms in Egypt

Supervisor: Dr SM Muller

Lebakeng, Andries Jimmy (Leadership in Emerging Countries)

Minor dissertation: Leadership and community engagement at Technical and Vocational Education and Training colleges

Supervisor: Dr RC Viljoen

Mathafena, Rose Boitumelo (Personal and Professional Leadership)

Minor dissertation: Exploring the influence of line management on the employee's wellbeing

Supervisor: Prof LMM Hewitt

Co-Supervisor: Dr AR Wort

Njima, Thokozani Tarisai (Industrial Policy)

Minor dissertation: Export oriented industrialisation in Africa: Lessons from export processing zones in Malawi

Supervisor: Prof SJ Ashman

Penny, Glynis Kara (Personal and Professional Leadership)

Minor dissertation: The influence of leadership behaviour and styles on follower burnout

Supervisor: Dr M Harrop-Allin

Sekatane, Dimpho Angel (Industrial Psychology)

Minor dissertation: The moderating effect of the Big Five personality traits on the relationship between anxiety and work engagement

Supervisor: Dr CM Henn

Singh, Ruweshka (Leadership in Performance and Change)

Minor dissertation: The career growth of female managers: Experiences at a financial institution in South Africa

Supervisor: Dr RC Viljoen

Sithole, Zinhle Nomcebo (Leadership Coaching)

Minor dissertation: Black executive business leaders' strategies and tactics for accelerated development: Implications for coaching

Supervisor: Prof LMM Hewitt

Tembo, Pontino (Industrial Policy)

Minor dissertation: The impact of regional integration on growth and industrial development in Zambia

Supervisor: Prof KS Nell

6. National Diploma (NDip): Sport Management

Darries, Jonathan Earl
Gquli, Zinhle Sharon
Mvusi, Lindokuhle Omar
Ramoshaba, Malekhe Lucas

7. Baccalaureus Artium (BA) Bachelor of Arts:

Docrat, Raees (Sport Communication)
De Robillard, Sheldon Travis (Sport Psychology)
Ginyizembe, Sibulele (Sport Psychology)
Kama, Khanyisile (Sport Psychology)
Kgosing, Kekeletso Teboho (Sport Psychology)
Makuta, Thoathoa Gabriel (Sport Psychology)
Manamela, Tsosholosho Mmakgabo (Sport Psychology)
Mathebula, Linda John (Sport Psychology)
Moumakoe, Luvuyo Reginald (Sport Psychology)
Nzama, Phemba Ntando Nzuzo (Sport Psychology)
Pheto, Reabetswe Mmakobo (Sport Psychology)
Temane, Refiloe Grace (Sport Psychology)
Xalabile, Nceba (Sport Psychology)

8. Baccalaureus Commercii (BCom): Sport Management

Labase, Neo Raynald
Mnanzana, Lebogang Felicia
Nggalo, Abongile
Ravat, Fatima
Ramsamy, Prishen

9. Bachelor of Health Sciences (BHS): Emergency Medical Care

Mvula, Nomthandazo Joyce

10. Further National Higher Diploma (FNHD):

Dube, Sarah Nowinile (Nursing Education)
Mawelela, Sindi Mpumelelo Immaculate (Nursing Administration)
Mema, Thandazile Tamia (Nursing Administration)
Shakwana, Nana Patricia (Nursing Administration)
Strydom, Zinhle Patience (Nursing Administration)

11. Master of Nursing Science (MNSc):

Isaacs, Catherine Cynthia (Professional Nursing Science: Ethos & Professional Practice)

Dissertation: Experiences of Professional Nurses in Caring for Critically ill Patients in the Emergency Department at an Academic Hospital in Gauteng

Supervisor: Mrs IJ Kearns

Co-supervisor: Prof WE Nel

Motsaanaka, Mpho Norah (Professional Nursing Science: Nursing Education)

Dissertation: Student Nurses Experiences Regarding their Clinical Learning Opportunities in a Public Academic Hospital

Supervisor: Dr A Makhene

Co-supervisor: Dr H Ally

van Tonder, Aletta Francina (Medical & Surgical Nursing Science: Critical Care General)

Dissertation: Lived Experiences of Families of Patients with Traumatic Brain Injuries in the Intensive Care Unit

Supervisor: Prof WE Nel

Co-supervisor: Dr WO Jacobs

12. Magister Philosophiae (MPhil):

Ferreira, Simone (Biokinetics)

Dissertation: Establishing Static Balance Profiles Using the Biodex Balance System in South African Adults Residing in the Johannesburg Metropolitan Area

Supervisor: Prof L Lategan

Lumb, Michael James (Biokinetics)

Dissertation: Comparison between a Home-Based and a Supervised Exercise Programme in Reducing Sub-Acute Low Back Pain

Supervisor: Prof L Lategan

Morar, Meenal (Biokinetics)

Dissertation: Physical and Wellness Profiles of Protection Service Personnel at an Urban University in Johannesburg, Gauteng

Supervisor: Prof Y Coopoo

Phakathi, Zinhle Simangele (Sport Management)

Dissertation: The Optimal Delivery of Sport and Recreation for Students at an Inner City University in Gauteng Province

Supervisor: Prof C Burnett - Louw

Co-supervisor: Prof WJ Hollander

13. Magister Technologiae (MTech):

Blundell, Shelley Jolene (Chiropractic)

Minor Dissertation: The Impact of Hand Hygiene Intervention on the Bacterial Population on Chiropractors Hands

Supervisor: Dr CJ Yelverton

Co-supervisor: Prof TG Barnard

Co-supervisor: Dr A Singh

Bowes, Candice Ashleigh (Chiropractic)

Minor Dissertation: The Impact of a Hygiene Intervention on the Bacterial Population Size on Chiropractic Treatment Beds

Supervisor: Dr CJ Yelverton

Co-supervisor: Prof TG Barnard

Co-supervisor: Dr A Singh

Bussicott, Jessica Anne (Homoeopathy)

Minor Dissertation: The Use and Perceived Effectiveness of Complementary Medicines for Weight Loss

Supervisor: Dr R Patel

Co-supervisor: Ms SP Koma

De Beer, Thiani (Chiropractic)

Minor Dissertation: The Effect of Cervical Spine Manipulation versus Mechanical Cervical Traction on Suboccipital Trigger Points

Supervisor: Dr DM Landman

Dos Santos, Cecilia Gorete (Homoeopathy)

Minor Dissertation: Homoeopathic Practitioners' Experiences Regarding their Use of Bach Flower Remedies in Practice

Supervisor: Dr J Pellow

Co-supervisor: Dr R Patel

Hajat, Amina Abdul Ruhim (Radiography) **(with distinction)**

Dissertation: Ultrasound Detection of Metastatic Spread to Axillary Lymph Nodes in Patients with a Suspicious Breast Lesion

Supervisor: Ms TB Mahlaola

Co-supervisor: Mrs B van Dyk

Hoffman, Charlotte Claudette (Chiropractic)

Minor Dissertation: Clinical Audit of New Patients Consulting at the University of Johannesburg Chiropractic Clinic

Supervisor: Dr CM Bester

Co-supervisor: Dr CJ Hay

Lewis, Shantel (Radiography) (with distinction)

Dissertation: Evaluating the Use of Detector Dose Indicators in Digital X-Ray Imaging Systems

Supervisor: Ms TD Pieterse

Co-supervisor: Dr HA Lawrence

Mabunda, Velenkosini Queen (Homoeopathy)

Minor Dissertation: The Anti-Bacterial Effect of Colloidal Silver on Streptococcus Pyogenes and Staphylococcus Aureus in vitro

Supervisor: Dr TY Tsele-Tebakang

Co-supervisor: Prof TG Barnard

Mokoena, Tshepo Polly (Podiatry)

Dissertation: Prevalence of Diabetic Foot Ulcers and Associated Risk Factors at Charlotte Maxeke Johannesburg Academic Hospital

Supervisor: Prof CN Mowa

Co-supervisor: Dr J Subrina

Montgomery, Ross Craig (Chiropractic)

Minor Dissertation: Static versus Dynamic Dry Needling and the Physiological Response on Local Skin Temperature due Changes in Local Blood Flow

Supervisor: Dr CJ Hay

Mudenha, Wellington Farai (Environmental Health)

Dissertation: Awareness Levels amongst Unskilled Employees on their Health and Safety Responsibilities

Supervisor: Mrs M Chadyiwa

Co-supervisor: Dr N Naicker

Page, Todd Howard (Chiropractic)

Minor Dissertation: The Effect of Chiropractic Manipulation Combined with Dynamic Taping of the Cervical Spine in the Treatment of Chronic Mechanical Neck Pain

Supervisor: Dr CJ Hay

Woest, Bernice (Homoeopathy)

Minor Dissertation: A Survey to Determine the Use and Perceptions of Complementary Medicine by Users with Atopic Conditions in the Pretoria East Area

Supervisor: Dr J Pellow

Co-supervisor: Dr M Scheepmaker

14. **Doctor Curationis (DCur):**

Ntsayagae, Esther Ikaege (Psychiatric Nursing Science)

Thesis: A Psycho-Educational Programme for Family Caregivers of Persons Living with Mental Illness to Facilitate their Mental Health

Supervisor: Prof M Poggenpoel

Co-supervisor: Prof CPH Myburgh

15. Doctor Philosophiae (DPhil):

Metsing, Thokozile Ingrid (Optometry)

Thesis: Strategies to Improve Vision Screening in Schools at Primary Health Care in Gauteng

Supervisor: Dr WO Jacobs

Co-supervisor: Prof WE Nel

Co-supervisor: Dr R Hansraj

16. Doctor Technologiae (DTech):

Hoorzook, Kousar Banu (Biomedical Technology)

Thesis: Determining the Co-Occurrence and Ratios of Commensal and Pathogenic Escherichia coli in Water Using Quantitative Real-Time Polymerase Chain Reaction as an Alternative to Conventional Bacterial Enumeration

Supervisor: Prof TG Barnard

Meita, Sumayya Ismail Kalloo (Biomedical Technology)

Thesis: Development and Validation of a Lateral Flow Immunoassay for the Visualisation of Polymerase Chain Reaction Amplified Gene Fragments

Supervisor: Prof TG Barnard



Ntsayagae, Esther Ikaege (DCur)

Esther Ntsayagae holds a Bachelor of Education in Nursing from the University of Botswana and a Master's in Psychiatric and Mental Health Nursing from the Rand Afrikaans University. She is currently employed as a lecturer at the University of Botswana. She is married with two children, a son and a daughter. She has published in accredited journals.

Family caregivers face challenges in caregiving of persons living with mental illness. The purpose of this study was to develop, implement and evaluate a psycho-educational programme to assist family caregivers to effectively cope with caregiving of persons living with mental illness in the home setting in Botswana. The study first started with a situational analysis where a meta-synthesis of phenomenological studies on family caregivers' lived experiences was done. The findings revealed family caregivers' experiences with the challenges of caregiving responsibility, and the emotional effect, support and experiences of a changed perspective. Based on the findings, a conceptual framework was developed, which guided the development of a psycho-educational programme to facilitate effective coping of family caregivers caring for persons living with mental illness. The programme evaluation revealed that implementation had a positive impact on the family caregivers. Family caregivers experienced improved communication and self-awareness. The significant contribution of this study was the development of a conceptual framework from which a psycho-educational programme was developed, implemented and evaluated. The psycho-educational programme can be used to facilitate mental health of family caregivers of persons living with mental illness in Botswana.

Supervisor: Prof M Poggenpoel

Co-supervisor: Prof CPH Myburgh



Metsing, Thokozile Ingrid (DPhil)

Thokozile Metsing obtained her Bachelor's degree in Optometry from the University of the North (now referred to as the University of Limpopo) in 1985. Thokozile thereafter practised her profession in Optometry in a private practice for 13 years. She joined the Technikon of Witwatersrand as a lecturer in 2000 and obtained a Master's degree in Optometry from the University of Johannesburg in 2008. She has submitted articles for publication and presented at an international conference.

The early detection of children with visual problems is important for the improvement of academic performance. More than 20% of children in the mainstream (normal) schools were found to have undetected visual problems, despite the School Health Policy, implemented in 2002 and reviewed in 2012, which was designed to detect all the barriers to academic performance including visual impairments. The purpose of this study was to develop strategies to enhance vision screening in South African schools by identifying the most appropriate tests for detecting visual deficiencies at primary health care level. An embedded mixed method design was used. The quantitative approach was non-experimental, cross-sectional, comparative and descriptive. Qualitatively a phenomenological approach was used, which explored and described the experiences of those involved in the execution of school vision screenings.

The original contribution of the study is the development of strategies to improve vision screenings at primary health care level, contributing towards successful early detection of children with visual impairments and successful early remediation leading to their improved academic performance.

Supervisor: Dr WO Jacobs

Co-supervisor: Prof WE Nel

Co-supervisor: Dr R Hansraj



Hoorzook, Kousar Banu (DTech)

Kousar Hoorzook started her higher education journey at the Technikon Witwatersrand (TWR) doing a National Diploma in Biotechnology working towards completing a BTech in Biotechnology. Thereafter, Kousar completed an MTech in Biotechnology at the University of Johannesburg (UJ) before embarking on a DTech Biomedical Technology. Kousar currently works at the UJ Process, Energy and Environment Technology Station on converting products from her doctoral studies into commercial products, like the newly launched UJ mobile laboratory funded by the Technology Innovation Agency. Five papers have been published in international journals from the doctoral studies.

Escherichia coli (*E. coli*), considered a highly specific microbial indicator of faecal pollution from humans and warm-blooded animals, can also be considered a model pathogen because it contains non-pathogenic commensal *E. coli* (ComEC) and diarrhoeagenic *E. coli* (DEC) types. Standard culture-based methods are not developed to differentiate between ComEC and DEC and need additional confirmation tests to detect, isolate and confirm the presence of DEC.

In this study the candidate developed a DNA extraction method to concentrate bacterial cells from the water samples with subsequent DNA extraction. Thereafter, an 11-gene multiplex PCR (m-PCR) and absolute quantitative Real-Time PCR (q-PCR) was optimised for detection, characterisation and quantification of *E. coli* in a variety of water samples.

The candidate was successful in developing a rapid, sensitive and cost-effective method that produced repeatable and reproducible results to detect, characterise and quantify the different types of *E. coli* present in treated effluents, and environmental and drinking water. This study concluded that standard indicator methods are not enough to test for *E. coli* in water and that molecular biology methods need to be used with standard culture-based methods, which may have missed pathogenic and viable but non-culturable *E. coli*, for routine water analysis.

Supervisor: Prof TG Barnard



Mieta, Sumayya Ismail Kalloo (DTech)

Sumayya Mieta started her academic career at the Technikon Witwatersrand (TWR) for a National Diploma in Biomedical Technology and after graduation worked as a medical technologist at the NHLS. Sumayya continued her tertiary education and completed BTech and MTech degrees in Biomedical Technology in the Water and Health Research Centre (WHRC) at the University of Johannesburg. Sumayya was successful in securing R1.3 million for the project from the Water Research Commission and is currently doing her first Postdoctoral Fellowship at the WHRC, working on the commercialisation of the lateral flow immunoassay which she developed.

Molecular methodologies, such as the polymerase chain reaction (PCR), are fast becoming the preferred detection method for pathogen analysis due to its reduced detection time, ease of performance and increased sensitivity. The amplified PCR products are typically visualised by gel electrophoresis, a step that cannot always be achieved in point of care use. The candidate investigated the use of a lateral flow immunoassay (LFIA) for the rapid confirmation of PCR products during point of care testing.

A sandwich format LFIA was developed to enable the detection of *Salmonella*-, *Shigella*- and *Vibrio* species specific genes amplified with PCR. The test made use of antibodies specific to different dyes incorporated into the different gene fragments during the PCR. The dye and antibody complex is visualized when it conjugates to gold nanoparticles to produce a red line on the test strip. The developed test strips were validated in terms of its specificity, sensitivity, repeatability and reproducibility and could successfully detect *Salmonella*-, *Shigella*- and *Vibrio* species in complex samples that included water, food and human stool samples.

This developed method can assist in the rapid detection of pathogens during diarrheal outbreaks and water monitoring programmes as it is an easy to use and portable detection method.

Supervisor: Prof TG Barnard



See the back cover for the words of the National Anthem.



A word of thanks to the UJ Alumni Association for sponsoring the flower arrangements at the University of Johannesburg graduation ceremonies.

The UJ Alumni Association manages a network to the advantage of every alumnus and the University. Become part of the ultimate network!

www.uj.ac.za/alumni

