

**Welcome to the  
Graduation Ceremony  
of the  
University of Johannesburg  
25 March 2015 at 17:00**

**Welkom by die  
Gradeplegtigheid  
van die  
Universiteit van Johannesburg  
25 Maart 2015 om 17:00**

**Le a Amogelwa  
Moletlong wa Dikapešo wa  
Yunibesithi ya Johannesburg  
25 Hlakola 2015 ka 17:00**

**Niyamukelwa  
eMcimbini wokweThweswa kweZiqu  
weNyuvesi yaseJohannesburg  
25 kuNdasa 2015 ngele-17:00**

# **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 IL Rensburg  
BPharm (Rhodes), MA, PhD (Stanford USA)

### **DEPUTY VICE-CHANCELLOR: STRATEGIC SERVICES**

Mrs ME Letlape  
BSc (UFH)

### **DEPUTY VICE-CHANCELLOR: RESEARCH, POSTGRADUATE STUDIES AND LIBRARY**

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: FINANCE**

Mr J van Schoor  
BCom, BCom Hons (RAU), CA (SA)

### **DEPUTY VICE-CHANCELLOR: INTERNATIONALISATION, ADVANCEMENT AND STUDENT AFFAIRS**

(vacant)

### **CHIEF OF STAFF AND EXECUTIVE DIRECTOR: VICE-CHANCELLOR'S OFFICE**

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

### **REGISTRAR**

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

## **EXECUTIVE DEANS**

### **FACULTY OF ART, DESIGN AND ARCHITECTURE**

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

### **FACULTY OF ECONOMIC AND FINANCIAL SCIENCES**

Prof A Dempsey  
BCom, BCom Hons, MCom (RAU), CA (SA)

### **FACULTY OF EDUCATION**

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

### **FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT**

Prof S Sinha  
BEng, MEng, PhD (UP)

### **FACULTY OF HEALTH SCIENCES**

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

### **FACULTY OF HUMANITIES**

Prof LC Posthumus (Acting)  
BA, BA Hons, MA, D Litt et Phil (UOFS)

### **FACULTY OF LAW**

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

### **FACULTY OF MANAGEMENT**

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

### **FACULTY OF SCIENCE**

Prof D Meyer  
BSc, BSc Hons, MSc (RAU), PhD (University of California, Davis)

## **MEMBERS OF COUNCIL**

### **CHAIRPERSON**

Prof RD Marcus

### **DEPUTY CHAIRPERSON**

Mr MS Teke

### **MEMBERS**

Prof H Abrahamse

Mr FM Baleni

Prof IC Burger

Mr JP Burger

Mr D Bvuma

Ms TA Chaka

Mr TJ Dikgole

Mr CR Gebhardt

Prof D Hildebrandt

Mr G Khosa

Prof C Landsberg

Dr DSS Lushaba

Mr DM Manganye

Dr J Manyaka

Ms K Maroga (invitee)

Ms BJ Memela-Khambula

Dr P Mjwara

Mr M Mkhonta

Mr A Mohammadali-Haji

Mrs K Mokhobo-Amegashie

Mr MJN Njeke

Prof A Parekh

Mr K Rammutla

Prof IL Rensburg

Dr WP Rowland

Mr KB Sibiya

Mr K Thomas

Mr J van Schoor

Mr M White

## **PRESIDENT OF CONVOCATION**

Mr M Mkhonto

# **Programme**

**Wednesday, 25 March 2015 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.

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## **Lenaneo**

**Laboraro, 25 Hlakola 2015 ka 17:00**

Go kgonthiša gore dilo di sepela ka tshwanelo nakong ya moletlo, bohle bao ba tilego 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, 25 Maart 2015 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.

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# **Uhlelo**

**uLwesithathu, 25 kuNdasa 2015 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. **Baccalaureus Artium (BA)**

**Boshoff**, Victoria Elaine (Sport Psychology)  
**Botha**, Johnny Jan (Sport Psychology)  
**Bramwill**, Lezlo Marcelino (Sport Development)  
**Branco**, Jarred Jose Correia (Sport Psychology)  
**Brits**, Suzaan (Sport Psychology)  
**Campbell**, Shakira Campbell (Sport Psychology)  
**Campher**, Neil Stuart (Sport Psychology)  
**Danisa**, Nontobeko (Sport Psychology)  
**De Abreu**, Leandro Manuel Carreira (Sport Communication)  
**Du Pont**, Tevin Ramone (Sport Development)  
**Du Toit**, Pieter Hendrik Fraser (Sport Psychology)  
**Ferreira**, Monique Vicente (Sport Psychology)  
**Ferreira**, Tracy (Sport Psychology)  
**Flax**, Batsheva Shayna (Sport Communication)  
**Florias**, Kirsten Claire (Sport Psychology) **(with distinction)**  
**Gibson**, Cassandra Arlene (Sport Communication)  
**Haddow**, Gabriella Louise Pinho (Sport Psychology)  
**Hammerschlag**, Steven Michael (Sport Psychology)  
**Hull**, Doran Henry Charles (Sport Psychology)  
**Inacio**, Lejeane Nuelia (Sport Psychology)  
**Israel**, Amina (Sport Development)  
**Julyan**, Garrett (Sport Psychology)  
**Kapareliotis**, Michaela (Sport Psychology)  
**Leon**, Tamlynn Bronwyn (Sport Psychology)  
**Louw**, Lauren Elize (Sport Psychology)  
**Lubisi**, Dawn Tshepiso (Sport Psychology)  
**Lugayeni**, Siseko Sinoyolo (Sport Communication)  
**Maharaj**, Presharlan (Sport Psychology)  
**Makobela**, Tshepo William (Sport Communication)  
**Makola**, Lettie Mmammupudu (Sport Psychology)  
**Mangena**, Keabetswe Revonja (Sport Psychology)  
**Marillier**, Mikaela Megan (Sport Psychology) **(with distinction)**  
**Marumo**, Lesedi (Sport Communication)  
**Marx**, Jean Michael (Sport Psychology)  
**Masuluke**, Muriši Tonny (Sport Development)  
**Matabologe**, Neo Sherley (Sport Development)  
**Mayne**, Kirsten (Sport Psychology)



**Mcintyre**, Shannon (Sport Psychology)  
**Mgwenya**, Nompumelelo Witness (Sport Communication)  
**Mlangeni**, Siphon Gregory (Sport Development)  
**Mofokeng**, Zanele Roselina (Sport Communication)  
**Mogano**, Nelly Thogotsane (Sport Psychology)  
**Moloi**, Tebello Joy (Sport Psychology)  
**Morar**, Meenal (Sport Communication)  
**Mosotho**, Andy (Sport Psychology)  
**Motsitsi**, Thato Jeremiah (Sport Communication)  
**Mphulo**, Kgabo Eneth (Sport Communication)  
**Mzulwini**, Anele Victress (Sport Psychology)  
**Ntlali**, Motshidisi (Sport Psychology)  
**Nxasana**, Liphewe (Sport Psychology)  
**Pinkus**, Jacob Isroel (Sport Psychology)  
**Quintal**, Natacha Joana (Sport Psychology)  
**Radebe**, Mondli Mxolisi Nzuzo (Sport Communication)  
**Rikhotso**, Shirley (Sport Psychology)  
**Rogers**, Keegan (Sport Psychology)  
**Roux**, Ruan Ettiene (Sport Psychology)  
**Rudolph**, Kerri Patricia (Sport Communication)  
**Sauermann**, Daniel Johannes (Sport Psychology)  
**Schelin**, Ashley Gene (Sport Communication)  
**Schlebusch**, Rebecca Claire (Sport Psychology)  
**Senoko**, Nombuyiselo Nthabiseng (Sport Psychology)  
**Serasengwe**, Mosimaneotsile Sylvester (Sport Communication)  
**Sibiya**, Celumusa Lelizwe (Sport Communication)  
**Stone**, Chevez Emilio (Sport Psychology)  
**Sutcliffe**, Jessie Jo (Sport Development)  
**Thomas**, Kezzeah Yael (Sport Psychology)  
**Tsomele**, Mantswalo Bontle (Sport Development)  
**Tucker**, Cheyna Dorothy (Sport Psychology)  
**Van As**, Shade (Sport Psychology)  
**Van Heerden**, Neal (Sport Development)  
**Van Rooyen**, Petrus Albertus (Sport Psychology)  
**Variava**, Yusuf (Sport Communication)  
**Willenberg**, Michelle Alice (Sport Development)  
**Wu**, Daniel (Sport Psychology)  
**Zwane**, Thabiso Godfrey (Sport Psychology)

## **2. Baccalaurues Commercii (BCom)**

**Aschmann**, Steven Craig (Sport Management)  
**Barker**, Alexander James (Sport Management)  
**Benecke**, Inge (Sport Management)  
**Bhoola**, Amit (Sport Management)

**Bobs**, Melanie (Sport Management)  
**Bodley**, Jason Dominic (Sport Management)  
**Briers**, Caitlin Jessica (Sport Management)  
**Castlemaine**, Skye (Sport Management)  
**Cleak**, Brynn Ammond (Sport Management)  
**Coetzee**, Sunette (Sport Management)  
**Currie**, Devan Broderick (Sport Management)  
**Dateling**, Gary Eric (Sport Management)  
**De Freitas**, Ruben Jose Brito (Sport Management)  
**How Kow**, Laura Marie (Sport Management)  
**Kruger**, Chrizanne (Sport Management)  
**Lumb**, Michael James (Sport Management)  
**Mabaso**, Nkululeko (Sport Management)  
**Mahlalela**, Nozipho Cherrone (Sport Management)  
**Mooi**, Taheera (Sport Management)  
**Nicholson**, Lloyd Douglas (Sport Management)  
**Palmer**, Brandon James (Sport Management)  
**Pilley**, Andrew Michael (Sport Management)  
**Poulton**, Daniel Casey (Sport Management)  
**Ramjee**, Aashil (Sport Management)  
**Sebopa**, Rose Lebogang (Sport Management)  
**Sheward**, Vaughan (Sport Management)  
**Smith**, Taylor Anne (Sport Management)  
**Stewart**, Devin Craig (Sport Management)  
**Tucker**, Michael (Sport Management)  
**Urdang**, Cayla Jade (Sport Management)  
**Van Den Bergh**, Martin Louis (Sport Management)  
**Van Niekerk**, Lynae (Sport Management)  
**Vrey**, Les Cornelis (Sport Management)  
**Watson**, Bryan Michael (Sport Management)  
**Xaba**, Phumelele Wendy Prosperity (Sport Management)

### **3. Baccalaureus Artium Cum Honoribus (BA Hons)**

**Ambelal**, Mayur Dependra (Biokinetics)  
**Angel**, Chad Tyron (Sport Management) **(with distinction)**  
**Badenhorst**, Courtney Louise (Sport Management)  
**Blignaut**, Tevin Clyde (Sport Science)  
**Boshoff**, Kate Lyn (Biokinetics)  
**Brandkamp**, Jamie Lee (Sport Science)  
**Britz**, David Andre (Biokinetics)  
**Calmeyer**, Kirstey Anne Maria (Biokinetics)  
**Coetzee**, Donne (Biokinetics)  
**Da Silva**, Monica Maria Serrao (Biokinetics)  
**Damba**, Yomelelani (Sport Science)

**Dullabh**, Mayur (Sport Science)  
**Forbes**, Gillian Crystal (Sport Science)  
**Jansen**, Chirelee (Biokinetics)  
**Jones**, Ilze Helean (Sport Science)  
**Kallmann**, Kristi Raquel (Biokinetics)  
**Kinsey**, Janine Erica (Biokinetics)  
**Kruger**, Seugnette (Biokinetics)  
**Lloyd**, Rohan (Biokinetics)  
**Marshall**, Samantha May (Biokinetics)  
**Mccrorie**, Christy (Sport Science)  
**Mlangeni**, Ntobeko Thabani (Sport Management)  
**Murray**, Ursula (Sport Management)  
**Nichas**, Alexandra (Sport Science)  
**Olive**, Shaun Michael (Sport Management)  
**Omar**, Aaleya (Sport Science)  
**Oosthuizen**, Natasha (Biokinetics)  
**Patrocinio**, Carla Lee (Biokinetics)  
**Peters**, Keenan Julian (Biokinetics)  
**Phakathi**, Zinhle Simangele (Sport Management)  
**Richards**, Roxanne (Biokinetics)  
**Scheppel**, Martin Johann (Sport Management)  
**Schnetler**, Ashleigh (Sport Science)  
**Shackleton**, Tyler Edward (Sport Management)  
**Tessendorff**, Ashley (Biokinetics)  
**Turner**, Stacey Leigh (Sport Science)  
**Van Der Walt**, Paige (Biokinetics)  
**Van Hees**, Marcelle Jennifer (Sport Management)  
**White**, Tamryn (Sport Management)

#### **4. Baccalaureus Commercii cum Honoribus (BCom Hons)**

**Coetzee**, Vaughan Tevin (Sport Management)  
**Eastham**, Jenna Lee (Sport Management) **(with distinction)**  
**Moussana**, Anna Carmen Michele (Sport Management)  
**Mycroft**, Nicholas James (Sport Management) **(with distinction)**  
**Phillips**, Edward Kyle (Sport Management)  
**Vidergauz**, Jade (Sport Management) **(with distinction)**

#### **5. Baccalaureus Scientiae (BSc Hons)**

**Carter**, Jarryd Bryce (Sport Science)  
**Nkala**, Chantelle Thandekile (Sport Science)  
**Steenkamp**, Marius Louis (Sport Science)

## 6. **Magister Curationis (MCur): Community Nursing Science**

**Pule, Toy Badiri**

**Dissertation:** Knowledge of Female University Students on the Prevention of Unplanned Pregnancy.

**Supervisor:** Mrs NBD Magobe

**Co-supervisor:** Prof WE Nel

## 7. **Magister Philosophiae (MPhil)**

**Carlson, Anthony Stephen (Optometry)**

**Dissertation:** The Potential of the Pinhole as a Visual Aid in the Developing World.

**Supervisor:** Prof WF Harris

**Coertzen, Louise Stella (Sport Science)**

**Dissertation:** The Psycho-Social Development and the Age Specific Mental Skills Training of Hockey Players in South Africa: A Cross Sectional Study.

**Supervisor:** Dr RL van Niekerk

**Von Poser, Patricia Mary (Optometry)**

**Dissertation:** A Comparison of Intra-Ocular Pressure Measurements Using Rebound Tonometry (iCare® Tonometer) and Applanation Tonometry (Goldmann Tonometer) in a South African Clinical Setting.

**Supervisor:** Prof JT Ferreira

## 8. **Magister Technology (MTech)**

**Blake, Graeme Russell (Chiropractic)**

**Minor Dissertation:** A Comparison of the Efficacy of the Homoeopathic Remedy Formica rufa® 6X and Dry Needling on Trigger Points of the Trapezius Muscle in Combination with Cervical Adjustments.

**Supervisor:** Dr CM Bester

**Co-supervisor:** Dr EM Solomon

**Cassim, Fatima (Podiatry)**

**Dissertation:** A Comparison of the Clinical Education of Podiatrists in South Africa and International Training Institutions.

**Supervisor:** Prof A Swart

**Co-supervisor:** Dr C Vincent-Lambert

**Coetzee, Marius (Chiropractic)**

**Minor Dissertation:** Investigating the Effects of Chiropractic Manipulative Therapy in Power Output over One Kilometre Distance in Asymptomatic Amateur Cyclists.

**Supervisor:** Dr M Moodley

**Co-supervisor:** Dr MC Proctor

**Conchar, Robyn Claire (Chiropractic)**

**Minor Dissertation:** A Comparison between Chiropractic Manipulation and Fascial Release on Lateral Bunkie Test Times.

**Supervisor:** Dr CM Bester

**Du Plessis, Yvette (Chiropractic) (with distinction)**

**Minor Dissertation:** Cause and Duration of Intra-Articular Gas Bubble Presence.

**Supervisor:** Dr CM Bester

**Co-supervisor:** Dr A Jones

**Ferreira, Gert Cornelius (Chiropractic)**

**Minor Dissertation:** The Effectiveness of Kinesio® Taping for Post Dry Needling Soreness on Active Quadratus Lumborum Muscles.

**Supervisor:** Dr CJ Hay

**Co-supervisor:** Dr K da Silva

**Franzsen, Matthew Peter (Chiropractic)**

**Minor Dissertation:** A Comparison between Chiropractic Manipulation and Kinesio® Taping and the Combination Thereof in Postural Kyphosis.

**Supervisor:** Dr CM Bester

**Co-supervisor:** Dr S Lawson

**Linzbacher, Markus (Chiropractic)**

**Minor Dissertation:** A Comparison between Chiropractic Manipulative Therapy, Proprioceptor Neuromuscular Facilitation and the Combination on Anterior Pelvic Tilt.

**Supervisor:** Dr M Moodley

**Co-supervisor:** Dr J Engelbrecht

**Magala, Wilberforce (Radiography)**

**Dissertation:** Preparedness for First Work Placement: Perceptions of Recent Radiography Graduates and their Work Supervisors.

**Supervisor:** Dr HA Lawrence

**Co-supervisor:** Prof E Kiguli-Malwadde

**Morris, Mary Poppy (Homoeopathy)**

**Minor Dissertation:** The Efficacy of the Homeopathic Complex (Arnica Montana 6CH, Bryonia Alba 6CH, Kalmia Latifolia 6CH, Rhus toxicodendron 6CH Calcarea fluorica 6CH) and Physiotherapy in the Treatment of Chronic Low Back Due to Osteoarthritis.

**Supervisor:** Dr TY Tsele-Tebakang

**Co-supervisor:** Dr EM Solomon

**Ngondzinga Ongala, Djeff Chirack (Biomedical Technology)**

**Dissertation:** Survey of Selected Mycotoxins in Food Spices Imported into South Africa.

**Supervisor:** Prof MF Dutton

**Co-supervisor:** Dr PB Njobeh

**Purbhoo, Meesha (Podiatry)**

**Dissertation:** Foot Health Related Quality of Life of Patients Utilizing Podiatric Services at Public Health Care Facilities in Gauteng.

**Supervisor:** Prof A Swart

**Co-supervisor:** Ms H Gosai

**Rautenbach, Andries Johannes (Chiropractic)**

**Minor Dissertation:** Dry Needling Versus Subcutaneous Spascupreel® Injections in the Treatment of Trapezius Myofascial Trigger Points.

**Supervisor:** Dr M Moodley

**Co-supervisor:** Dr M Caminsky

**Reeder, Li-Jean Cathrine (Chiropractic)**

**Minor Dissertation:** The Most Effective Dry Needling Insertion Time in Treating Active Trigger Points of the Gluteus Medius Muscle.

**Supervisor:** Dr M Moodley

**Rosen, Elizabeth Gaile (Homoeopathy)**

**Minor Dissertation:** The Effect of Foodstate Probiotic Formula® on the Gastro-Internal Side Effects of Metformin HCL.

**Supervisor:** Dr ME Solomon

**Co-supervisor:** Dr M Seeber

**Schimdt, Luke Eric (Chiropractic)**

**Minor Dissertation:** A Comparison of Different Regional Chiropractic Manipulations on Chronic Neck Pain.

**Supervisor:** Dr CJ Yelverton

**9. Doctor Curationis (DCur): Maternal and Child Nursing Science: Advanced Midwifery**

**Tagutanazvo, Oslinah Buru**

**Thesis:** A Holistic Care Model to Facilitate the Quality of Life for Pregnant Women Living with the Human Immune Deficiency Virus (HIV) in a Provincial Hospital in Zimbabwe.

**Supervisor:** Prof A Nolte

**Co-supervisor:** Dr MA Temane

**10. Doctor Curationis (DCur): Medical and Surgical Nursing Science: Critical Care Nursing**

**Scholtz, Suegnet**

**Thesis:** Evidence-Based Nursing Protocol for Prone Positioning of Ventilated Patients.

**Supervisor:** Prof WE Nel

**Co-supervisor:** Prof M Poggenpoel

**Co-supervisor:** Prof CPH Myburgh

**11. Doctor Philosophiae (DPhil) Optometry**

**Oberholzer, Marsha (Optometry)**

**Thesis:** Aberrations in Mild and Moderate Myopes

**Supervisor:** Prof WDH Gillan

**Co-supervisor:** Prof A Rubin

**12. Doctor Technology (DTech)**

**Manoto, Sello Lebohang (Biomedical Technology)**

**Thesis:** Phototoxic Effects of Zn Sulfophtalocyanine on Lung Cancer Cells (A549) Grown as a Monolayer and Three Dimensional Multicellular Tumor Spheroids.

**Supervisor:** Prof H Abrahamse

**Co-supervisor:** Dr NN Houreld

**Sekhejane, Palesa Rose (Biomedical Technology)**

**Thesis:** Subcellular Localization of Zinc Sulfophthalocyanine and its Efficacy for Photodynamic Therapy in Colorectal Cancer Cell Lines (DLD-1 and CaCo-2).

**Supervisor:** Prof H Abrahamse

**Co-supervisor:** Dr NN Houreld



**Tagutanazvo, Oslinah Buru (DCur)**

Oslinah is a lecturer at the University of Swaziland, where she is a proactive educator and researcher. She is currently the country representative for Swaziland and faculty advisor in the Maternal and Child Health Nurse Leadership Academy: Africa Cohort; Sigma Theta Tau International Honor Society of Nursing in partnership with Johnson and Johnson; with a focus on improving maternal and child health nutrition. Before joining the University of Swaziland she worked at the World University Services, Swaziland in health promotion projects for vulnerable children within communities. She previously worked at the Zimbabwe Open University and Masvingo School of Midwifery; and has published various scientific papers in various peer reviewed journals.

Prevention of Mother to Child Transmission (PMTCT) of the Human Immune Deficiency Virus (HIV) Programmes has been reported to reduce the rate of vertical transmission of HIV. The overall purpose of the research study was to develop a holistic care model which will serve as a framework for midwives to facilitate the quality of life for pregnant women living with HIV. The study was carried out in three phases, where Phase 1 explored the experiences of pregnant women living with HIV. These research findings were used in Phase 2 to assist in identifying, defining and the classification of the central concept and related concepts. Phase 3 comprised of the description and evaluation of the holistic care model. The holistic care model serves as a frame of reference for midwives to facilitate quality of life for pregnant women living with HIV through empowerment and support. The provision of holistic care also enhances the provision of individualised care through a multi-disciplinary approach.

**Supervisor:** Prof AGW Nolte

**Co-supervisor:** Dr MA Temane





## **Scholtz, Suegnèt (DCur)**

Suegnèt Scholtz obtained a B.Soc.Sc degree in Nursing at the University of the Free State in 1999 and an M.Cur (cum laude) degree at the University of Johannesburg in 2006, while working as a registered nurse in a cardio-thoracic intensive care unit at Vereeniging Mediclinic. She is currently a clinical facilitator for agency staff of MHR, working in intensive care units in Vereeniging, and has presented her work at both national and international conferences. Suegnèt is married to Japie Scholtz and have two children, three-year old Sean and a new baby, Ryno.

This research began as a personal interest in the challenges faced by critical care nurses within their working environment. The purpose of this thesis was to develop and evaluate a model to facilitate wholeness in critical care nurses. The research design was theory-generative, qualitative, exploratory, descriptive and contextual in nature. Data was collected through an ethnographic single case study. The culture of critical care nurses was identified as five patterns of behaviour and interaction, namely: patterns of patient adoption, patterns of armour display, patterns of despondency because of the demands to adjust, patterns of sibling-like teamwork and patterns of non-support from management and the medical team. From these results the main concept was identified as the facilitation of constructive patterns of behaviour and interaction in critical care units. The model was described through classification of concepts, providing definitions of the essential and related concepts, writing the relationship statements and clarifying the structure and process of the model. The original contribution of this thesis is a model to facilitate constructive patterns of behaviour and interaction in critical care units and to facilitate wholeness in critical care nurses.

**Supervisor:** Prof WE Nel

**Co-supervisor:** Prof M Poggenpoel

**Co-supervisor:** Prof CPH Myburgh



## **Oberholzer, Marsha (DPhil)**

Marsha was born on the 16<sup>th</sup> April 1979 in Bloemfontein and completed primary school education in Bloemfontein (Fichardt Park Primary School) and East London (Grens Primary School). Secondary School Education was completed in Bloemfontein (Jim Fouché High School) with Matriculation in 1997 (cum laude). Marsha obtained her B.Optom (RAU) in 2001 and M.Phil (Optom) (UJ) in 2007. Currently Marsha is a senior optometrist and lecturer in the Department of Optometry of the University of the Free State.

Marsha Oberholzer's research investigated the relationship between the level of myopia and astigmatism, and the higher-order aberrations of the human eye. The clinical measurement of ocular aberrations has only recently become available and this is the first study in South Africa that has investigated this relationship. Another important aspect of this research was the investigation of the existence of symmetry in the higher-order aberrations between the right and left eyes. The results of this research show that there is little relationship between the level of myopic-astigmatic refractive state and the higher-order aberrations of the eye although some higher-order aberrations may be important for proper ocular development. Regarding symmetry between right and left eyes, symmetry was found to exist suggesting that right and left eye measurements of aberrations cannot be combined unless they are independent and then only following the relevant transformation of left eye measurements. Results of this research will add to the knowledge base concerning refractive state, symmetry and higher-order aberrations of the human eye.

**Supervisor:** Prof WDH Gillan

**Co-supervisor:** Prof A Rubin



**Manoto, Sello Lebohang (DTech)**

Sello Manoto was born in Katlehong on the East Rand in 1983 and matriculated in 2001 from Dinwiddie High School before enrolling for his studies in Biomedical Technology at UJ. He completed his Masters' Degree in the Laser Research Centre followed by his doctoral studies. He is currently enrolled as a post-doctoral fellow at the Tshwane University of Technology, investigating the effect of ozone therapy on tissue regeneration of articular cartilage. Sello has published his findings in accredited international journals and presented his work at several conferences

Photodynamic therapy (PDT) is a chemotherapeutic approach that utilizes a bifunctional reagent that localizes to the target cancer tissue relative to the surrounding tissue and is toxic to the target tissue when exposed to light. Major current limitations of PDT include the limited light penetration of the tissue, light dosimetry, and the choice of wavelengths is limited by the absorption of the chromophore. Multicellular Tumour Spheroids (MCTSs) serves as an important model in cancer research for the evaluation of therapeutic interventions since they mimic different aspects of the human tumour tissue environment. This study aimed to determine the effectiveness of Zn Sulfophthalocyanine and laser irradiation of lung cancer cells grown as a monolayer and as a MCTSs. Apoptosis in monolayer cultured cells was induced via both the intrinsic and extrinsic apoptotic pathway. However in MCTSs the apoptotic pathway that is followed was not conclusive, although expression of specific activation factors that were expressed induced the caspase independent apoptotic pathway.

**Supervisor:** Prof H Abrahamse

**Co-supervisor:** Dr NN Houreld



## **Sekhejane, Palesa Rose (DTech)**

Palesa Sekhejane was born in Kroonstad in 1984, and matriculated at the Tweespruit Mariasdal High School in 2001. She furthered her tertiary education at the Cape Peninsula University of Technology and then enrolled and completed the Bachelor's Degree in Biomedical Technology at in 2006. She joined the Laser Research Centre in the Faculty of Health Science at UJ to conduct her masters' followed by her doctoral degree. Palesa is currently employed as a research specialist at the Africa Institute of South Africa within the Human Science Research Council, and has published and presented her work in accredited international journals and at several conferences.

Palesa's thesis falls within the field of Photodynamic Therapy (PDT, which is an alternative treatment modality for malignant tumours based on the photodamage to tumour cells through a photochemical reaction utilising a light sensitive photosensitizer (PS) that selectively localises in tumour cells and is excited by light of a specific wavelength in the presence of molecular oxygen. Her doctoral work aimed at understanding the effectiveness of metallophthalocyanines as photochemotherapeutic compounds specifically in colorectal cancer while studying the cellular and molecular mechanisms of cancer cell death induction. This study showed that this photosensitizer is not only efficient in its killing ability of colorectal cancer but that activation by laser irradiation using optimal parameters, potentially induces desirable cell death mechanisms such as apoptosis. Furthermore, genetic expression studies revealed specific molecular mechanisms associated with photodynamic cancer therapy.

**Supervisor:** Prof H Abrahamse

**Co-supervisor:** Dr NN Houreld



# NATIONAL ANTHEM/VOLKSLIED/ KOŠA YA SETŠHABA/ICULO LESIZWE

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 Africa, South Africa.

Uit die blou van onse hemel,  
uit die dieptes van ons see,  
oor die 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.



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