

**Welcome to the  
Graduation Ceremony  
of the  
University of Johannesburg  
15 June 2015 at 17:00**

**Welkom by die  
Gradeplegtigheid  
van die  
Universiteit van Johannesburg  
15 Junie 2015 om 17:00**

**Le a Amogelwa  
Moletlong wa Dikapešo wa  
Yunibesithi ya Johannesburg  
15 Phupu 2015 ka 17:00**

**Niyamukelwa  
eMcimbini wokweThweswa kweZiqu  
weNyuvesi yaseJohannesburg  
15 kuNhangulana 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: ACADEMIC**

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

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

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

### **REGISTRAR**

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

### **DEPUTY VICE-CHANCELLOR: FINANCE**

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

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

Mrs ME Letlape  
BSc (UFH)

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

(vacant)

### **SENIOR EXECUTIVE DIRECTOR: VICE-CHANCELLOR'S OFFICE**

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

## **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 AB Broadbent  
BA, BA Hons, MPhil, PhD (Cantab)

### **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**

**Monday, 15 June 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**

**Mošupologo, 15 Phupu 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**

**Maandag, 15 Junie 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**

**uMsumbuluko, 15 kuNhlangulana 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!

## IsiZulu

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. National Diploma (NDip)

**Borain**, Byron David (Engineering: Chemical)  
**Chiloane**, Kgaugelo Osmond (Building)  
**Dlamini**, Nqobile Ncinci (Engineering: Chemical)  
**Dzingwa**, Lindumteto (Building)  
**Goba**, Thuthuka Aphelele (Building)  
**Lebelo**, Madimetja Carppus (Building)  
**Looyen**, David Edward (Building)  
**Lorgat**, Aadil Essop (Building)  
**Maaba**, Katlego (Building)  
**Mabe**, Lazarus (Building)  
**Mabodi**, Merraih (Building)  
**Madonsela**, Zanele Cynthia (Building)  
**Mafogo**, Nteseng Reshoketswe (Building)  
**Maloma**, Selepe Refiloe (Engineering: Chemical)  
**Maloma**, Voelet Makhetha (Engineering: Chemical)  
**Mametja**, Matome William (Building)  
**Masangu**, Nhlahla (Building)  
**Mashangoane**, Moloto Daniel (Building)  
**Masoga**, Mokgethwa Tumisho (Building)  
**Mathegu**, Mphumi Mccoy (Building) **(with distinction)**  
**Mathonsi**, Vuthlari Stella (Building)  
**Mazibeni**, Thobeka (Building)  
**Mbethe**, Bongekile Nomshado Precious (Building)  
**Mekgwe**, Malebogo Charlotte (Building)  
**Mojapelo**, Rebone Victoria (Engineering: Chemical) **(with distinction)**  
**Mokasha**, Mpho Denzel (Building)  
**Molobela**, Ellence Dipolelo (Building)  
**Moloi**, Makgotso (Engineering: Chemical)  
**Molosiwa**, Tebogo Betty (Building)  
**Momoti**, Thabo (Building)  
**Motswadire**, Wellem Rampaeile (Engineering: Chemical)  
**Mthembu**, Pretty Ntombifikile (Engineering: Chemical)  
**Ndou**, Mpho (Building)  
**Nemushungwa**, Mulalo (Engineering: Chemical)  
**Ngobeni**, Given (Engineering: Chemical)  
**Ngwenya**, Lerato Millicent (Building)



**Ngwenya**, Themba Antony (Engineering: Chemical)  
**Phakula**, Hlulani Nshalati Victoria (Engineering: Chemical)  
**Ramaru**, Pretty (Building)  
**Ramotshela**, Mantoa (Building)  
**Rampai**, Pule Samuel (Engineering: Chemical)  
**Rapudi**, Nakedi (Building)  
**Seageng**, Okgonne Pascal Jairus (Building)  
**Senyolo**, Mmatsheko California (Building)  
**Sibande**, Sibusiso Agreement (Building)  
**Simelane**, Phumelele Valentia (Building)  
**Sithole**, Thembhani (Building)  
**Sitholimela**, Dakalo (Building)  
**Soldati**, Sisonke Phemia (Building)  
**Sono**, Thato Daniel (Engineering: Chemical)  
**Stofile**, Pandulwazi (Building)  
**Thole**, Yongama Luyanda (Building)  
**Tshirundu**, Mbavhalelo Augustine (Building)  
**Tyali**, Sibambangazibini Noble Siviwe (Building)  
**Westraad**, Carel Ernest (Building)  
**Xamba**, Mantombi (Building)  
**Zwane**, Enele Andile (Building)  
**Zwane**, Thulisile Precious (Building) **(with distinction)**

## **2. Baccalaureus Technologiae (BTech)**

**Hlatshwayo**, Ann Welhminah (Mineral Resource Management)  
**Hobyane**, Tiyane Gabriel (Mineral Resource Management)  
**Langa**, Motape Oswald (Engineering: Chemical)  
**Luthuli**, Reginald Simphiwe (Engineering: Chemical)  
**Mahlakwane**, Patricia (Mineral Resource Management)  
**Manikkam**, Genevieve Adelaide (Engineering: Chemical)  
**Mashotja**, Mokgadi Lloyd (Mineral Resource Management)  
**Moretlwe**, Oratile Motshidisi (Engineering: Chemical)  
**Mtanda**, Siphokazi (Engineering: Chemical)  
**Muller**, Willie Pieter (Mineral Resource Management)  
**Ngubane**, Ayanda Ntuthuko (Mineral Resource Management)  
**Nyawo**, Lungelo Jack (Mineral Resource Management)  
**Rikhotso**, Brenda Tlangelani (Engineering: Chemical)  
**Rikhotso**, Mandla Walter Power (Mineral Resource Management)  
**Sekae**, Monamodi Stephen (Mineral Resource Management)  
**Sekete**, Tshidiso Abednego (Mineral Resource Management)  
**Smith**, Jayson Paul (Mineral Resource Management)  
**Tembane**, Teboho Vincent (Engineering: Chemical)  
**Zwane**, Ntokozo Siboniso Lindokuhle (Mineral Resource Management)

### 3. **Baccalaureus Ingeneriae (BIng)**

**Dolo**, Matome Peter (Electrical and Electronic Engineering)  
**Haine**, Gladwynn Andre (Electrical and Electronic Engineering)  
**Khan**, Naweed Aghmad (Electrical and Electronic Engineering with endorsement Information Technology)  
**Mabaso**, Thokozani Wiseman (Electrical and Electronic Engineering)  
**Maemu**, Rendani Shadrack (Mechanical Engineering)  
**Malindisa**, Mbongeni Innocent (Electrical and Electronic Engineering)  
**Maseko**, Sfiso Nolly (Electrical and Electronic Engineering)  
**Mkhize**, Thandezakhe (Electrical and Electronic Engineering)  
**Mmbengeni**, Obed (Mechanical Engineering)  
**Moloto**, Thuli (Electrical and Electronic Engineering)  
**Ramovha**, Mashudu (Mechanical Engineering)  
**Sefako**, Nthabiseng (Mechanical Engineering)  
**Shilenge**, Musa Chester (Electrical and Electronic Engineering)  
**Steinhauer**, Yaacov Zvi (Mechanical Engineering)

### 4. **Magister Technologiae (MTech)**

**Adeniran**, Joshua Adeniyi (Engineering: Civil)

**Dissertation:** Energy generating performance of domestic wastewater fed sandwich dual chamber microbial fuel cells

**Supervisor:** Mr J de Koker

**Co-supervisor:** Dr R Huberts

**Hamilton**, Silumko Luvo (Engineering: Mechanical)

**Dissertation:** Design of a bale loading machine for small scale commercial farmers

**Supervisor:** Ms D Ionescu

**Kigozi**, Robert (Chemical Engineering) **(with distinction)**

**Dissertation:** Design of an anaerobic bio-digestion system utilizing OFMSW for biogas production in an urban environment

**Supervisor:** Prof E Muzenda

**Co-Supervisor:** Dr W Aboyade

**Liphadzi**, Murendeni (Construction Management)

**Dissertation:** Leadership style practices of construction and project managers in the South African construction industry

**Supervisor:** Dr C Aigbavboa

**Co-supervisor:** Prof WD Thwala

**Mabunda, Nkateko Eshias** (Engineering: Electrical)

**Dissertation:** Comparison of conventional DAQ systems and embedded DAQ systems

**Supervisor:** Dr M Joseph

**Co-Supervisor:** Prof B Twala

**Madonsela, Nelson Sizwe** (Operations Management)

**Dissertation:** The impact of information and communication technology on service design and operations at ARCELORMITTAL South Africa

**Supervisor:** Prof C Mbohwa

**Co-Supervisor:** Dr P Mbecke

**Masebinu, Samson Oluwasegun** (Chemical Engineering) **(with distinction)**

**Dissertation:** Parametric study and economic evaluation of a simulated biogas upgrading plant

**Supervisor:** Prof E Muzenda

**Co-Supervisor:** Dr W Aboyade

**Mpanza, Zanele Promise** (Engineering: Industrial)

**Dissertation:** Impact of poor utilisation of quality management system in a South African foundry

**Supervisor:** Dr K Nyembwe

**Co-Supervisor:** Dr H Nel

**Mukuka, Mulenga Joseph** (Construction Management)

**Dissertation:** Cost and schedule overruns on construction projects in South Africa

**Supervisor:** Dr C Aigbavboa

**Co-Supervisor:** Prof WD Thwala

**Nkono Malanda, Jos-Made Irvin Oportun** (Operations Management)

**Dissertation:** The applicability of Lean thinking in a few South African universities

**Supervisor:** Dr A Vermeulen

**Nkosi, Solomon** (Operations Management)

**Dissertation:** Team ineffectiveness can lead to poor performance resulting in low productivity: A case study

**Supervisor:** Dr P Kholopane

**Zaayman, Leon Crous** (Engineering: Civil) **(with distinction)**

**Dissertation:** Mechanisation of track work in developing countries

**Supervisor:** Mr J de Koker

**Co-Supervisor:** Prof GC Fanourakis

## 5. **Magister Ingenieriae (MIng)/Master of Engineering (MEng)**

**Bierman, Marius** (Engineering Management)

**Minor Dissertation:** Productivity management in the South African construction industry

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Marnewick

**Burger, Andre** (Mechanical Engineering) **(with distinction)**

**Dissertation:** Evaluation of optical fibre Bragg grating sensors on a sidewall wind tunnel balance

**Supervisor:** Dr FF Pieterse

**Co-Supervisor:** Prof A Nurick

**Della Tamin, Michelin** (Electrical and Electronic Engineering)

**Dissertation:** Development of a multi-point temperature fiber sensor based on a serial array of fiber interferometers

**Supervisor:** Dr R Martinez

**Ebrahim, Naseema** (Engineering Management)

**Minor Dissertation:** An evaluation of the relationship between an organisation's innovative culture and employee turnover in manufacturing based companies

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr I Musonda

**Hlophe, Mduduzi Comfort** (Electrical and Electronic Engineering) **(with distinction)**

**Dissertation:** Mitigation: The adjacent channel rejection ratio approach

**Supervisor:** Prof B Twala

**Kanjee, Ritesh** (Electrical and Electronic Engineering)

**Dissertation:** Vision-based adaptive cruise control

**Supervisor:** Mr J Carroll

**Co-Supervisor:** Mr A Bachoo

**Khumalo, Zipho Blessed** (Engineering Management)

**Minor Dissertation:** The minimum leading safety key performance indicators for the steel industry

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr I Musonda

**Lewis, Claude Pierre (Engineering Management) (with distinction)**

**Minor Dissertation:** The analysis of the application and implementation of public private partnerships projects in South Africa

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Mr LSJ Kruger

**Maphosa, Samantha Glenda (Engineering Management)**

**Minor Dissertation:** The impact of cultural differences in construction projects

**Supervisor:** D I Musonda

**Co-Supervisor:** Prof JHC Pretorius

**Masango, June Fanuel (Engineering Management)**

**Minor Dissertation:** Critical path method as a project modelling technique in coal refurbishment projects

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr J Pretorius

**Matodzi, Emmanuel Funanani (Engineering Management)**

**Minor Dissertation:** South African construction industry's perception of mitigation measures for addressing avoidable delay factors.

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Wessels

**Meid, Andreas (Engineering Management)**

**Minor Dissertation:** An engineering management analysis of communication management systems in an organisation that supplies the mining industry

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Malan

**Mlambo, Cynthia Sthembile (Electrical and Electronic Engineering)**

**Dissertation:** A study on Hough Transform-Based Fingerprint Alignment Algorithms

**Supervisor:** Prof F Nelwamondo

**Co-Supervisor:** Mr EM Mathekga

**Museka, Zvikomborero Austen (Engineering Management)**

**Minor Dissertation:** Predictive maintenance as a means to increase the availability of a positive displacement pump

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Wessels

**Naidoo, Yogan** (Engineering Management)

**Minor Dissertation:** An optimised portfolio management model, incorporating best practices

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Marnewick

**Natha, Shaym** (Civil Engineering)

**Dissertation:** Management of small-scale greywater treatment plants in South Africa

**Supervisor:** Mrs ML Griffioen

**Co-Supervisor:** Prof J Haarhoff

**Shimaponda, Mulundumina** (Electrical and Electronic Engineering) **(with distinction)**

**Dissertation:** Numerical modelling of a Raman-Rayleigh distributed temperature fiber sensor implementing correlation code techniques

**Supervisor:** Dr R Martinez

**Van Wyk, Riaan** (Electrical and Electronic Engineering)

**Dissertation:** Non-destructive impact-testing as a method for roof bolt integrity analysis

**Supervisor:** Prof AL Nel

**Co-Supervisor:** Prof B Twala

**White, Darren** (Engineering Management)

**Minor Dissertation:** An engineering management analysis of quality management systems in the context of product quality: A case study

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Malan

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

**Langa, Hendrick Musawenkosi** (Electrical and Electronic Engineering)

**Dissertation:** Development of the unity displacement factor frequency converter

**Supervisor:** Prof B Twala

**Madiba, Khaya** (Engineering Management)

**Minor Dissertation:** The benefits of applying the results based management life-cycle approach to the crushing and screening process in mining

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Wessels

**Mpoyo, Justice Somp**o (Electrical and Electronic Engineering) **(with distinction)**

**Dissertation:** Numerical modelling of an Erbium-Ytterbium distributed feedback fiber laser

**Supervisor:** Dr R Martinez

**Mvudi Nsimba, Olivier** (Mechanical Engineering) **(with distinction)**

**Dissertation:** An analysis of the external thermal field of an extra low profile dozer

**Supervisor:** Prof A Nurick

**Co-Supervisor:** Prof AL Nel

**Ntlhane, Tintswalo** (Engineering Management)

**Minor Dissertation:** The reliability of ancillary services in Eskom

**Supervisor:** Prof JHC Pretorius

**Co-Supervisor:** Dr A Wessels

**Pita, Mothibeli Joseph** (Engineering Management)

**Minor Dissertation:** Implementation of an effective preventive maintenance approach: A case study

**Supervisor:** Prof JHC Pretorius

## **7. Advanced Certificate in Education (ACE): School Management and Leadership**

**Dlame, Nonhlanhla Bongiwe**

**Dlamini, Mondli Louis**

**Madela, Tholine Happiness**

**Masemola, Veronica Mapule**

**Mbhamali, Sibusisiwe Princess**

**Mngadi, Bongiwe Mildred Thembekile**

**Mnguni, Sibonakaliso**

**Mofokeng, Thulaugibona Beauty**

**Moshugi, Rasosi Simon**

**Ntshangase, Ntombi Albertina**

**Sibiya, Cynthia Simphiwe**

**Xhakaza, Stanley Siph**o

## **8. Postgraduate Certificate in Education (PGCE)**

**Johnson, Demi** (Life Orientation: Senior Phase)

**Khosa, Khanyisa** (Life Orientation: Senior Phase)

**Khuzwayo, Bandile Nhlakanipho** (Further Education and Training: School Phase)

**Kodisang, Lerato Dawn** (Economic and Management Sciences: Senior Phase)

**Lishivha**, Luambo Peggy (Social Sciences: Senior Phase)  
**Mabasa**, Mlunglisi Stanley (Further Education and Training: School Phase)  
**Mahlasela**, Teleki Gratude (Mathematics: Senior Phase)  
**Mahlo**, Sodi Elia (Economic and Management Sciences: Senior Phase)  
**Maretele**, Nyalleng Frangeni (Economic and Management Sciences: Senior Phase)  
**Mashimbye**, Tintswalo (Life Orientation: Senior Phase)  
**Mashongete**, Victor (Economic and Management Sciences: Senior Phase)  
**Masinga**, Milly Nkateko (Life Orientation: Senior Phase)  
**Masola**, Kholofelo (Economic and Management Sciences: Senior Phase)  
**Mkwanazi Maka**, Sanele Julia (Economic and Management Sciences: Senior Phase)  
**Mthiyane**, Sabelo (Further Education and Training: School Phase)  
**Nchabeleng**, Kagiso (Economic and Management Sciences: Senior Phase)  
**Ndasi**, Mary (Social Sciences: Senior Phase)  
**Semangu**, Resoketswe Precious (Life Orientation: Senior Phase)  
**Xhashi**, Ziphelele (Mathematics: Senior Phase)  
**Zikhali**, Tebogo Edgar (Further Education and Training: School Phase)  
**Zulu**, Vumelani Mkhululi (Economic and Management Sciences: Senior Phase)

## 9. **Baccalaureus Educationis (BEd)**

**Basson**, Rudick (Mathematics: Senior Phase)  
**Beetge**, Nadine (Further Education and Training: School Phase)  
**Blunn**, Michael Alexander (Social Sciences: Senior Phase)  
**Buthelezi**, S'Philelwa Emmanuel (Further Education and Training: School Phase)  
**Dubazana**, Nokukhanya Ntombikayise (Further Education and Training: School Phase)  
**Dubazana**, Siboniso Sihle (Natural Sciences: Senior Phase)  
**Du Plessis**, Werner Hendrik (Technology: Senior Phase)  
**Erasmus**, Wi Andre Willem Abraham (Further Education and Training: School Phase)  
**Govender**, Brittaney Tara (Further Education and Training: School Phase)  
**Hlophe**, Phelela Lindelani (Further Education and Training: School Phase)  
**Jackson**, Carla Janet (Life Orientation: Senior Phase)  
**Jacobs**, Daniel Christian (Technology: Senior Phase)  
**Kenke**, Thandiswa (Further Education and Training: School Phase)  
**Madonsela**, Vuyelwa Glodean Lenah (Social Sciences: Senior Phase)  
**Madonsela**, Zinhle Prudence (Further Education and Training: School Phase)  
**Mahlangu**, Nomvula Anna (Technology: Senior Phase)  
**Mahomed**, Aneesa (Further Education and Training: School Phase)  
**Maile**, Jennifer Refiloe (Further Education and Training: School Phase)  
**Mailula**, Thapelo (Further Education and Training: School Phase)  
**Makhubele**, Tintswalo Ignacious (Language, Literacy and Communication: Senior Phase)



**Maluleka**, Maria Helen (Further Education and Training: School Phase)  
**Mampuru**, Rejoice (Further Education and Training: School Phase)  
**Mashiane**, Zandile Irene (Foundation Phase)  
**Mathebula**, Phumlani (Further Education and Training: School Phase)  
**Mbatha**, Thokozani Joseph (Further Education and Training: School Phase)  
**Mdokwana**, Lukanyo (Further Education and Training: School Phase)  
**Mokgara**, Kedibone Lilly (Further Education and Training: School Phase)  
**Mokoena**, Lerato (Further Education and Training: School Phase)  
**Molete**, Craig Fridolin (Further Education and Training: School Phase)  
**Monyepai**, Fortunate Itumeleng (Mathematics: Senior Phase)  
**Motsabi**, Mpho Reitumetse Sellinah (Further Education and Training: School Phase)  
**Mtaung**, Lebone Anita (Further Education and Training: School Phase)  
**Mthanti**, Nombulelo Sikholiwe (Further Education and Training: School Phase)  
**Mulonze**, Ndumiso Bongani (Further Education and Training: School Phase)  
**Myeza**, Mbongeleni Mthandeni (Further Education and Training: School Phase)  
**Ndincede**, Pumela (Further Education and Training: School Phase)  
**Ndou**, Ntando Millicent (Foundation Phase)  
**Ngobeni**, Raymond (Natural Sciences: Senior Phase)  
**Nkadimeng**, Tshepo John-Ross (Mathematics: Senior Phase)  
**Nkosi**, Celumusa Godfrey (Further Education and Training: School Phase)  
**Nkunkuma**, Cebisile Enock Cohen (Foundation Phase)  
**Ntlhokoa**, Neo Lloyd (Further Education and Training: School Phase)  
**Nxumalo**, Ntombi Primrose (Foundation Phase)  
**Perucatti**, Chrysten Samantha (Further Education and Training: School Phase)  
**Rabohlale**, Jeremia Thabo (Technology: Senior Phase)  
**Shabalala**, Portia Ntombifuthi (Further Education and Training: School Phase)  
**Shaw**, Ashley Joanne (Further Education and Training: School Phase)  
**Shomang**, Matsatsi Tryphinah (Further Education and Training: School Phase)  
**Sibanyoni**, Clara Thenjiwe (Further Education and Training: School Phase)  
**Simpson**, Leah Rebecca (Further Education and Training: School Phase)  
**Sithole**, Nthabiseng Pretty (Further Education and Training: School Phase)  
**Smith**, Johnny Stephen (Arts and Culture: Senior Phase)  
**Steleki**, Joan Aphiwe (Further Education and Training: School Phase)  
**Trompetter**, Candice Juline (Language, Literacy and Communication: Senior Phase)  
**Van Den Heever**, Roann (Technology: Senior Phase)  
**Vangeli**, Themba Happy (Further Education and Training: School Phase)  
**Viljoen**, Idonette Marique-Louise (Further Education and Training: School Phase)  
**Xhakaza**, Nkosingiphile Anele (Further Education and Training: School Phase)

## 10. **Baccalaureus Educationis cum Honoribus (BEd Hons)**

**Bahula**, Thandiwe Dinah (Information Communication Technology)

**Baqwa**, Zukiswa (Environmental Education)  
**Buthane**, Matuma Simon (Information Communication Technology)  
**Docrat**, Zaheera (Educational Psychology)  
**Feiteira**, Micaela Andreia (Educational Management and Leadership)  
**Kawunda**, Maureen Phindile Pamela (Educational Management and Leadership)  
**Kgole**, Lesiba Martin (Mathematics Education)  
**Khan**, Bibi Fatima (Educational Management and Leadership)  
**Mokoena**, Brain Rubber Paseka (Life Orientation)  
**Mosetlhe**, Seipati Patricia (Science Education)  
**Sarang**, Safiyyah (Inclusive Education)  
**Schoombee**, Julia Antonietta (Educational Management and Leadership)  
**Sinaravo**, Siphilisiwe Gladys (Mathematics Education)  
**Skosana**, Mamarokho Martha (Science Education)  
**Suliman**, Sumaiyah (Inclusive Education)  
**Takolia**, Moshira (Mathematics Education)

## 11. Magister Educationis (MEd)

**Makhubele**, Yeyisani Evans (Mathematics in Education)

**Dissertation:** Misconceptions and resulting errors displayed by Grade 11 learners in learning geometry.

**Supervisor:** Dr K Luneta

**Mamutse**, Kudakwashe (Mathematics and Science Education)

**Minor dissertation:** The implementation of inquiry-based science teaching and learning in Grade 9 Natural Sciences through the use of improvised physical resources.

**Supervisor:** Prof U Ramnarain

**Co-supervisor:** Prof JJJ De Beer

**Mnisi**, Irene (Mathematics in Education)

**Dissertation:** Misconceptions and resulting errors displayed by Grade 8 learners when adding, subtracting multiplying and dividing fractions.

**Supervisor:** Dr K Luneta

**Molala**, Khosi Nompumelelo Innocentia (Environmental Education)

**Minor Dissertation:** The integration of environmental education in the assessment practice for Grade 10 of selected secondary schools.

**Supervisor:** Prof JG Ferreira (UNISA)

**Co-supervisor:** Dr CF van As

## 12. Doctor Educationis (DEd): Educational Psychology

**Hirschson, Shalya**

**Thesis:** Using creative expressive arts in therapy to explore the stories of grief of adolescents orphaned by AIDS.

**Supervisor:** Dr E Fritz

**Co-supervisor:** Dr D Kilian

**Veldsman, Talita**

**Thesis:** Utilising sociodrama as therapeutic intervention to address the sensory integration development of adolescents who present with intellectual impairment.

**Supervisor:** Dr E Fritz

**Co-supervisor:** Dr D Kilian

## 13. Philosophiae Doctor (PhD): Educationis

**Breetzke, Sumari**

**Thesis:** A psycho-educational model for the facilitation of the mental health of families where a child is diagnosed with autism.

**Supervisor:** Prof CPH Myburgh

**Co-supervisor:** Prof M Poggenpoel

**Kgabo, Mapitso Veronica**

**Thesis:** A psycho-educational programme to facilitate principals' management of union members' aggression in schools.

**Supervisor:** Prof CPH Myburgh

**Co-supervisor:** Prof M Poggenpoel

**Prins, Johannes Stephanus**

**Thesis:** A psycho-educational model for the facilitation of constructive communication between teachers and learners in a secondary school.

**Supervisor:** Prof CPH Myburgh

**Co-supervisor:** Prof M Poggenpoel

**Ross, Madeleine**

**Thesis:** Home, family and school literacy practices: reading and the primary school boy.

**Supervisor:** Dr L Kajee



## **Hirschson, Shalya (DEd)**

Shalya Hirschson completed her BA degree at the University of South Africa (UNISA) in 1997; BA Honours (Clinical Psychology) at UNISA in 2000 and an MEd (Educational Psychology) at the University of the Witwatersrand (WITS) in 2008. Shalya is a registered educational psychologist with the Health Professions Council of South Africa and has held various positions at schools, universities and hospitals within South Africa and abroad. She has presented seminars at national conferences and will be publishing articles about her research in international, accredited journals. Shalya is also the Director of the Uvemvane Project, which she founded in order to provide psychoeducational and psychotherapeutic services to children whose access to these services is limited.

In her critical ethnographic study, Ms Hirschson used a qualitative arts based research method to integrate creative expressive arts modalities into therapy sessions as a method of data collection for the study. A critical ethnographic design was employed in order to give attention to the cultural context of the 16 adolescent participants. She aimed to explore how this context influenced their sharing of their grief experiences, following the loss of one or both parents to AIDS. The adolescents storied their thoughts and feelings about grief, demonstrating how their bereavement was impacted by the personal, cultural and social context of the South African children's home in which they lived. The following major themes emerged: the usefulness of creative expressive arts in therapy for expression of grief; dominant social systems that disempower and marginalise adolescents orphaned by AIDS; and lastly, the theme of resilience.

The study makes methodological contributions in terms of the use of creative arts in a therapeutic setting, as these were both interventions and data generation processes. The use of critical psychology as a theoretical basis for data analysis generated innovative interpretations for the existing knowledge as well as unique interpretations for the research participants' experiences. The development of the actual intervention was an original contribution to practice with this population and therefore contributes to social upliftment.

**Supervisor:** Dr E Fritz

**Co-supervisor:** Dr D Kilian



## **Veldsman, Talita (DEd)**

Talita Veldsman (Ryan) is a registered Educational Psychologist in private practice. Her interest in drama began at the age of six when she was enrolled at a drama academy. She obtained a speech and drama diploma and opened her own drama academy, while commencing her studies at the Rand Afrikaans University. She obtained her BEd and BEd Educational Psychology Honours and registered as a psychological counsellor with the HPCSA. She completed her MEd Psychology (cum laude) at the University of Johannesburg. She has ten years' experience working with children and their families in a therapeutic environment. Her passion lies in the fields of socio-drama, creative expressive arts and sensory integration.

Ms Veldsman (Ryan) conducted a qualitative study that explored the use of socio-drama as therapeutic intervention to address the sensory integration development of adolescents that present with mild intellectual impairment. Weekly socio-drama sessions were conducted with the adolescents based on their own individual sensory profiles and classroom curriculum. Data collection included the use of sensory profiles, a background questionnaire, context observation, participant observation, visual journals, reflections, video recordings and an interview with the educator. Data were analysed thematically, following Brewer's steps of analysis, by comparing different sets of data across categories. Her findings emphasise the importance of the use of creative techniques when supporting the sensory integration development of adolescents with intellectual impairment. The customised sensory integration profiles and the practical application of sensory-integration in the classroom through socio-drama make a valuable contribution. The socio-drama sessions resulted in improved sensory integration, which led to the positive development of social skills, self-confidence and attention levels in the classroom. This study therefore contributed towards the knowledge of socio-cultural theory with regard to sensory integration difficulties addressed through group engagement using socio-drama in the classroom. An article was published in a peer reviewed journal and findings were also presented at two international and one national conference.

**Supervisor:** Dr E Fritz



## **Breetzke, Sumari (PhD)**

Sumari Breetzke matriculated from Hoërskool Jeugland in Kempton Park in 2002. She received a BsocSci: Psychology Honours from the University of Pretoria in 2006. In 2008, she completed her MEd (Psychology of Education) at the University of Johannesburg. She started working for an international company specialising in treating children with autism and related disorders. During this time, she received training in Applied Behaviour Analysis. Subsequently, she has worked with various South African therapy centres and non-profit organisations providing support to families where a child has been diagnosed with Autism Spectrum Disorder. She is married to Johan Sauer.

Ms Breetzke followed a qualitative methodology to study families where a child was diagnosed with autism spectrum disorder. It became clear that having a child diagnosed with autism spectrum disorder is a life- changing event with pervasive emotional and social effects impacting on the daily living of a family. Such a diagnosis threatens the core of family identity requiring diverse mental, social, financial and environmental adaptations in order to deal with the changing family situation. A quote from parents that “*it is getting better over time*” illustrates this quest to survive this predicament. Family resilience as a resource of coping in a family is imperative. The central concept identified in this research was the “facilitation of resilience”. This central concept was defined and classified while related concepts were identified, resulting in the development of a conceptual model. The model was described and assessed by a panel of experts. Guidelines to implement the model were formulated. The original contributions of this study are the conceptual framework and the psycho-educational model that can be used by psycho-educational facilitators as a framework of reference to facilitate the building of resilience in families where a child has been diagnosed with autism spectrum disorder. She has published two articles and has delivered papers nationally and internationally.

**Supervisor:** Prof CPH Myburgh

**Co-supervisor:** Prof M Poggenpoel



**Kgabo, Mapitso Veronica (PhD)**

Ms Kgabo matriculated from Hebron Training College where she also obtained the Junior Secondary Teacher's Certificate (JSTC) in 1979. In 1991, she completed the Senior Education Diploma and the Higher Education Diploma from Vista University; the Advanced Certificate in Education (ACE) in Leadership and Management, BEd Honours in Leadership and Management, and MEd from the University of Johannesburg. She is currently employed as a Deputy Chief Education Specialist at the Gauteng Department of Education Head Office in Johannesburg.

The purpose of the study was to develop, implement and evaluate a psycho-educational programme to facilitate principals' management of union members' aggression in schools. In Phase 1, the results of in-depth phenomenological interviews and field notes were described and verified by a literature control. Principals experienced that union members would often regard themselves as power holders in schools and that they would crush principals' spirits, destroy their morale, commitment, trust, care, hope and their basic human rights, including the right to respectful and dignified treatment. Principals experienced that they were mistreated emotionally, physically, professionally and psychologically by union members. During Phase 2, a conceptual framework was derived from the findings of Phase 1. It reflected the researcher's theoretical and practical assumptions of the programme. Thereafter, a psycho-educational programme was developed based on the analysed data. The programme aimed at facilitating principals' mental health through improved internalisation of locus of control, heightened self-awareness and anger management skills. Finally, the programme was implemented and evaluated. Principals experienced that the programme equipped them to manage union members' aggression in schools. The original contribution of this research is the conceptual framework and the developed, implemented and evaluated programme to facilitate principals' management of union members' aggression in schools.

**Supervisor:** Prof CPH Myburgh

**Co-supervisor:** Prof M Poggenpoel



## **Prins, Johannes Stephanus (PhD)**

Hanno Prins is a Life Orientation teacher at Lebone II College of the Royal Bafokeng. He matriculated in 1993 from Hoërskool Bergsig, Rustenburg. He obtained a Higher Education Diploma at Normaal Kollege, Pretoria and a BA majoring in Psychology and Education at the University of Pretoria. He taught at various primary schools in Pretoria and Rustenburg. He completed a BEd Hons (cum laude) at the University of Johannesburg and an MEd (Psychology of Education) (cum laude) from the UJ in 2009.

In his master's research, Mr Prins identified that learners often experience a rigid attachment of teachers to their own perspective and role as sender during communication. This mode of interaction he called a parallel-monologue characterised by very little interaction between a teacher and a learner. It reflects an absence of important principles of effective teacher and learner communication. In his doctoral research, Mr Prins developed, implemented and evaluated a psycho-educational model for the facilitation of constructive communication between teachers and learners in a secondary school. He argued that respectful dialogue between teachers and learners play an essential role in the relationships with learners. The results of the implementation of the model that he developed through a single case study indicate that the facilitation of respectful dialogue enhances and supports teachers' insightful awareness and creative adjustment to the unique and demanding challenges posed by communication interaction in a secondary school. He comes to the conclusion that the model employs basic principles and tenets of Person Centred and Gestalt psychology. The main contributions of his research are the developed conceptual framework and psycho-educational model. He has delivered papers on his research nationally and internationally.

**Supervisor:** Prof CPH Myburgh

**Co-supervisor:** Prof M Poggenpoel





## **Ross, Madeleine (PhD)**

Maddy Ross attended UCT where she obtained her Bachelor of Arts degree, followed by a Secondary Teachers Diploma. She taught English and Afrikaans at a high school in Cape Town, before moving to Johannesburg where she focused on teaching Afrikaans. This led to an interest in translation and further study at the University of the Witwatersrand where she obtained a Master's in Translation.

A further interest in children and their reading habits fomented while teaching English at a girls' school for eight years, followed by ten years at a boys' school. The difference in reading habits between the genders that emanate from the same homes, became the focus of the PhD study for which she registered at the University of Johannesburg in the Department of Educational Linguistics.

Boys were central to this study, since they were found in practice to lose interest in reading in the latter part of their primary school years, as opposed to girls who remained engaged in their reading habits. The evidence of a gap in literacy and underachievement by boys in worldwide test results are consistent enough to create a concern. Literacy cannot be deemed as purely school-based as so much of literacy is contingent on the family and home enculturation. The aim of the study was therefore to explore how the home, the family and school literacies influence the reading practices of middle-school boys, and to look at the reasons that underlie the general tendency for adolescent boys to lose interest in reading. As reading interest can be seen to be embedded in events and practices within the home, the study was concerned with making the links between the enculturation of literacy in the informal home, and the formal school environment.

The case study of eight boys from one primary school was intentional since these boys were from print-rich homes that provided an understanding of the literacy and social practices that were mediated by language and other cultural tools in the context of the homes, through the parental guidance, and in the school domain, through the teachers and teaching. The study proceeded with intensive home and school visits and observations of literacy practices, as well as interviews with the boys and their parents. The findings indicate that children learn the innate values attached to the home literacy practices, to which they respond through parental encouragement, motivation and structure, and these prepare them for sustained interest in school. The study concludes that the loss of interest in reading is linked to non-regulatory cultures in school literacy activities to which boys respond spontaneously. Parental and teacher support is a weighted factor in sustaining reading, as is home-school congruence, and this occurs in a context in which the child, through strict guidance and encouragement, shares in the construction of his/her literacy education, and is made to feel literate.

**Supervisor:** Dr L Kajee



## Special Awards



### Faculty of Engineering and the Built Environment

#### Faculty Prize – ECSA Medal

**Steenkamp, Anton Johan** - (BEng) Mechanical Engineering Science (**with distinction**)



#### Chancellors Medal – Most Meritorius Master’s Study

**Masebinu, Samson Oluwasegun** (Chemical Engineering) (**with distinction**)



#### S2A3 Medal

**Wilson, Mark David** – MEng (Electrical and Electronics) (**with distinction**)



### Faculty of Education

#### Chancellors Medal – Most Meritorius Master’s Study

**Axsel, Jenilee** - (MEd) Psychology of Education (**with distinction**)



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

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