

**Welcome to the
Graduation Ceremony
of the
University of Johannesburg
7 June 2018**

**Welkom by die
Gradeplegtigheid
van die
Universiteit van Johannesburg
7 Junie 2018**

**Le a Amogelwa
Moletlong wa Dikapešo wa
Yunibesithi ya Johannesburg
7 Phupu 2018**

**Niyamukelwa
eMcimbini wokweThweswa kweZiqu
weNyuvesi yaseJohannesburg
7 kuNhlangulana 2018**

UNIVERSITY OF JOHANNESBURG

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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)

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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 C Mbohwa (Acting)
BSc Eng (Hons), OMMS, PhD (TMIT Japan)

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)

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Mr FM Baleni
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Ms X Kakana
Mr G Khosa
Prof C Landsberg
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Prof T Marwala
Ms Z Matlala
Ms BJ Memela-Khambula
Mr F Netshivha
Prof A Parekh
Mr C Phetla
Dr WP Rowland
Mr K Thomas
Dr M Tom

Programme

Thursday, 7 June 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

Labone, 7 Phupu 2018 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

Donderdag, 7 Junie 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

uLwesine, 7 kuNhlangulana 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/iploma/isitifiketi.

Kukulwa 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. Diploma in Business Information Technology

Bezuidenhout, Ryan
Chauke, Rhulani
Conjwa, Nqobile Xhanti Sibabalwe
Hlophe, Thando Vuyani
Kabeya, Diyal
Kavul, Kazad Yav Joel
Kgatle, Naledi Tsepiso
Lekalakala, Katlego Fortune
Maffa, Mokgadinyana Precias
Makibelo, Lehlogonolo
Malefane, Lesego
Mamabolo, Kgaogelo Oarabile
Mapodile, Tshiamo Brandton
Marokane, Kagiso Mokhudu Fortunate
Mavundza, Theophilus
Mgebisa, Mahlogonolo Precious
Mkhaliphi, Bawinile Queeneth
Mmola, Karabo Shirley
Mokakale, Omphile Masego Rosy
Mokgabudi, Welcome Moso
Mokwana, Kevin Tumelo
Moloantoa, Johannes Lesiba
Mtshali, Rorisang
Muhinda, Yves Msiri
Ndhlovu, Nkhensani Olerato
Nompunga, Zamandulo
Phiri, Linda Absalom
Tchingoua Ndangang, Donato
Trudon, Kalum Kabeya
Tsabedze, Veli Valentine
Tsatsi, Kabelo Kgotso
Tshenkeng, Tiro Virginia
Upadhyay, Tejal Jitendra

2. Advanced Diploma in Business Information Technology

Bamba, Diasonama Marvine
Banger, Mercy Chantel

Chambale, Oupa Bethania
Dhorat, Sumaiyah Ebrahim
Hamuli, Joel Nkuba
Mabasa, Terminator Mashila
Mabusela, Matjokotja Brian
Madelisa, Lwazi Professor
Manaso, Tshepo Gregory
Mashapa, Nthabeleng Reginald
Mavuso, Sifiso Lawrence
Mbomvu, Inathi Immanuel
Moerane, Thabiso
Moopanar, Denver
Mpeta, Lebohang
Msimango, Sandile Vincent
Ndlovu, Ferguson Tagwi
Nemukumbini, Avhashoni Decide
Ntuli, Ntandoyenkosi Zintathu
Qaba, Onele
Ramatladi, Inocent Colly
Shusha, Mfundo
Skosana, Dudu Salome

3. Advanced Diploma in Retailing

Rammonedi, Lucas Mokwebo Masede

4. Bachelor of Commerce in Economics and Econometrics

Chinheya, Nkonde Elizabeth
Dlamini, Sandile Mbutfo
Dlamini, Zandile Mercy
Fralda, Marco
Fulani, Eleanor Mamanyana
Khesa, Palesa
Koranteng, Grace
Leboho, Dimakatso Minky
Leshabane, Dimakatso Virginia Selae
Mabunda, Muzikayise
Maega, Lerato
Makeke, Keneilwe
Makobe, Katlego Moipone Lettie
Makwakwa, Mapaseka
Mashao, Onthatile Lesego
Mashiane, Bongile Nezile
Mntambo, Nokuthula Witness

Nhlapo, Dumisani
Nkambule, Bandile
Swartland, Justin Abner
Thulare, Bonolo
Tshikudo, Phindulo
Zwane, Musa Sanele

5. Baccalaureus Commercii (General)

Buthelezi, Jabulile Thandekile
Legae, Solofelang
Masiza, Tyanikazi
Moloto, Malebo
Montsho, Regomoditswe Keboile
Monyebudi, Eunicca Tshepang
Pheko, Neo Samson Ephraim
Radebe, Sibusiso Benedict

**6. Baccalaureus Commercii Honoribus (Econometrics)
Bachelor of Commerce Honours in Econometrics**

Mahlangu, Nompumelelo Cecilia
Muzangisa, Mwika Sarah

7. Bachelor of Commerce Honours in Economics

Chauke, Hlamalani Margaret
Khabela, Katlego
Kobo, Bridgette Habonamong
Koneshe, Thakane Anastacia
Maroleni, Kaya Kaizer
Mhlayivana, Nkululeko
Mithi, Brendon Vusumuzi
Mkhabele, Khanyisa
Mokhosi, Kgositsile
Motloba, Thabang
Mphafudi, Joshua Sehlwasesega
Ndumo, Bokang Maria
Ndzobole, Siyasanga Afikile
Nenzhelele, Rofhiwa Henny
Nkosi, Nonjabulo Fundile
Nobela, Lorraine
Phillips, Charmaine Nomagugu
Phiri, Prudence

Sambo, Mbhoni
Sithole, Zamathole
Yabo, Jackie

8. Bachelor of Commerce Honours in Human Resource Management

Mbatha, Khanyisile
Mkhabela, Mmabo Mokgaetsi
Tsotetsi, Keneilwe Karabo

9. Bachelor of Commerce Honours in Industrial Psychology

Connoway, Marli

10. Bachelor of Commerce Honours in Information Management

Mabena, Faith Zinhle
Nyakalera, Kitenge Serge

11. Bachelor of Commerce Honours in Logistics Management

Bhila, Foster
Kgalema, Sentserere Yvonne
Khumalo, Zamile Samkeliso Ignatius
Ledwaba, Maesela Lehutso
Mafora, Keabetswe
Makhado, Hangwani
Molokwane, Boitshwarelo
Ncunyana, Bongeka Nonzukiso
Nxumalo, Bazandisile
Shiba, Valencia Mpendulo
Skosana, Juanita Nomathemba

12. Bachelor of Commerce Honours in Marketing Management

Khambule, Mduduzi Lawrence
Mahlase, Karabo Ephraim Maphankgane
Masiza, Yanga
Sikhalela, Khanyisa Rebecca

13. Bachelor of Commerce Honours in Strategic Management

Bello, Tosin Adegboyega
Khanyi, Nhlanhla
Masela, Solomon Kagiso
Modau, Lindiwe Judaida
Mwafuli, Tanaka
Phoku, Tshepiso Hope

14. Bachelor of Commerce Honours in Transport Economics

Mabaso, Phendile Loretta
Mithane, Thabang

15. Master of Commerce

Blight, Edward (Local Economic Development)

Technical research project: Prevalence of a mineral resource curse in South Africa: A critical analysis of the gold and diamond sectors

Supervisor: Prof L Greyling

Co-Supervisor: Dr PW Baur

Botha, Jacques (Finance)

Minor dissertation: Capital raising options of JSE listed companies across the business cycle

Supervisor: Ms J Bolton

Chiviya, Kudzai (Local Economic Development)

Technical Research report: Energy capital, productive capital and economic growth: A cross municipality granger causality analysis

Supervisor: Prof N Ngepah

Elephant, Nontsikelelo (Local Economic Development)

Technical research project: An impact analysis of the access and use of mobile technology on the performance of small businesses in Noordwyk

Supervisor: Dr MB Maphela

Co-Supervisor: Dr PW Baur

Fusire, Tafadzwa Oswell (Finance)

Minor dissertation: Determinants of dividend payout ratios for the financial and consumer goods sectors on the JSE

Supervisor: Mr LTM Maredi

Hunt, David Alan Graham (Finance)

Minor dissertation: Precious metals as safe haven assets in the South African market

Supervisor: Ms CL le Roux

Co-Supervisor: Mr N Oberholzer

Kruger, Marique Mari (Economics)

Dissertation: The effect of remittances on the subjective well-being of households in South Africa

Supervisor: Mr ME Biyase

Co-supervisor: Prof D Blaauw

Molepo, Ramatsobane Innocentia (Local Economic Development)

Technical research project: An assessment of Emfuleni Municipalities' local economic development strategy implementation plan

Supervisor: Dr M Venter

Co-Supervisor: Dr D Meyer

Moloi, Tshepo (Finance)

Minor dissertation: The impact of inconsistent electricity supply and coal price shocks on JSE share return volatility

Supervisor: Mr LTM Maredi

Mondliwa, Pamela (Economics) with distinction

Dissertation: An assessment of capabilities, diversification and market power in South African manufacturing, with special reference to the plastic industry

Supervisor: Prof S Roberts

Mwanga, Alesimo (Local Economic Development)

Technical research project: Economic assessment of the Riversands Incubation Hub as an entrepreneurship development programme in South Africa

Supervisor: Dr M Venter

Nayagar, Keshiv Kumar (Finance)

Minor dissertation: The determinants of bank profitability in South Africa

Supervisor: Ms CL le Roux

Co-Supervisor: Mr M Booyens

Ndlwana, Gugu (Finance)

Minor dissertation: Determinants of private equity investments across BRICS countries

Supervisor: Prof I Botha

Nkomo, Nomusa Yolanda (Local Economic Development)

Technical research project: The impact of population aging on local revenue: District-level evidence from South Africa

Supervisor: Prof BD Simo-Kengne

Co-Supervisor: Prof L Greyling

Olivier, Cornelia Carien (Finance)

Minor dissertation: The impact of formal credit extension and education as enablers of small business growth in South Africa

Supervisor: Mr NT Strydom

Saffy, Kyle Drew Neal (Economics)

Dissertation: Non-parametric approach to VaR for portfolios in the South African equity market

Supervisor: Prof JW Muteba Mwamba

Taranhike, Edmore (Finance)

Minor dissertation: The effects of bank regulation and supervision on bank performance and risk taking in South Africa

Supervisor: Prof G Els

Thlako, Mmaudu Herman (Finance)

Minor dissertation: Shareholder protection and stock market development in South Africa

Supervisor: Prof G Els

Van Jaarsveld, Paul Anrich (Finance)

Minor dissertation: Predictability of the share return volatility on the JSE Limited

Supervisor: Prof I Botha

Xaba, Zanele (Local Economic Development)

Technical research project: The impact of the youth unemployment on local economic development in Tembisa, Gauteng

Supervisor: Dr PW Baur

16. **Doctor Litterarum et Philosophiae**

De Wet, Martha Maria Marthina (Public Management and Governance)

Thesis: The variables influencing developmental local governance to promote sustainable communities and cities in South Africa

Supervisor: Prof CJ Auriacombe

17. **Philosophiae Doctor**

Bama, Hilary Kennedy Nji (Tourism and Hospitality)

Thesis: Sustainable mega-event development in developing economies: A case study of the infrastructural legacy impacts of selected 2010 FIFA World Cup stadia in South Africa

Supervisor: Prof TM Tichaawa

Biyase, Mduzuzi Eligius (Economics)

Thesis: Essays on the determinants and impact of remittances in South Africa

Supervisor: Prof FM Tregenna

Co-Supervisor: Prof V Gumede

Le Roux, Corlise Liesl (Finance)

Thesis: Optimal cross hedging relationships of internationally priced commodities in the South African context

Supervisor: Prof CCA Labuschagne

Tabane, Letsholo Michael (Industrial Psychology)

Thesis: Revising the Industrial Test Battery using the Rasch Model for measurement

Supervisor: Prof GP de Bruin

De Wet, Martha Maria Marthina (DLitt et Phil)

Ms Maria de Wet holds a Bachelor's degree Multimedia (cum laude), and an Advanced Certificate in Municipal Governance (cum laude), a BA Honours in Public Management and Governance (cum laude) and a Master's degree in Public Management and Governance, which was recommended for upgrading to a doctoral thesis. She is currently studying towards a degree in chemical engineering.

Maria explored innovative solutions towards effective and efficient developmental urban service delivery in order to sustain local governance to the benefit of communities within South African metropolitan municipalities.

The qualitative research design provided a conceptual and analytical framework to identify key issues in urban service delivery and appropriate applications. The data collected was analysed by comparative analyses. The result centred on environmental, value, regulatory, policy and operational changes to improve sustainability management, accountability, efficiency and effectiveness.

Supervisor: Prof CJ Auriacombe



Bama, Hilary Kennedy Nji (PhD)

Mr Hilary Kennedy Nji Bama holds a Bachelor's of Law (LLB) from the University of Yaoundé II-Soa in Cameroon, as well as a Bachelor's degree in Project Management and a Master's degree in Tourism and Hospitality Management from the Cape Peninsula University of Technology. He is a project manager with Aurecon, an engineering and infrastructure advisory company, and lectures in a range of tourism modules at the Cape Peninsula University of Technology.

Mr Bama's doctoral research examined the sustainability of the FIFA World Cup™ hosted by South Africa in 2010, focusing on post-event legacy dimensions of stadia in Cape Town, Durban and Port Elizabeth. The study was grounded within the theory supporting the political economy, stakeholder management and mega-events, adopting a critical review process of existing rhetoric and empirical enunciations. Using a mixed method research design, the study established that mega-event owners such as FIFA should take into cognisance the prevailing conditions of countries in the Global South when designing infrastructure requirements for the hosting of flagship sports tourism events.

The thesis contributes to an under-researched area; the development and proposal of rigorous pre-event planning and post-event maintenance frameworks for stadia applicable to developing economies. The study also articulates the need for the development of sustainable legacy guidelines for mega-event stadia in the Global South to ensure effective pre-event strategic planning and policy framework to ensure long-term sustainability.

Supervisor: Prof TM Tichaawa



Biyase, Mduduzi Eligius (PhD)

Mr Mduduzi Eligius Biyase was able to register for a Bachelor of Economics degree at the University of KwaZulu-Natal on the grounds of his father's cleaning job. He succeeded in obtaining an Honours and a Master's degree in Economics (2007) also from the University of KwaZulu-Natal. He is currently a lecturer in the School of Economics, College of Business and Economics at the University of Johannesburg.

Mr Biyase's thesis focuses on the determinants and effects of remittances in South Africa. "Remittances" refer to the funds sent back by internal migrant workers to their household of origin. Two datasets are employed. Firstly, panel microdata from the National Income Dynamics Study, and secondly, a rich and unique dataset collected through two customised household surveys, in Hlokozi, KwaZulu-Natal, and in urban localities where connected migrants were working.

The thesis is presented in the form of three essays. The first essay econometrically analyses the determinants of the probability and level of remittances, considering both remitting and recipient households. The second essay investigates whether remittances reduce poverty in South Africa. The third essay investigates whether households are able to insure against specific idiosyncratic shocks and how households protect consumption against these shocks.

The evidence suggests that consumption is largely protected through borrowing rather than receiving increased remittances. The thesis makes a significant contribution to the understanding of migration and remittances in South Africa.

Supervisor: Prof FM Tregenna

Co-Supervisor: Prof V Gumede



Le Roux, Corlise Liesl (PhD)

Ms Corlise le Roux's was previously employed in the banking sector and currently is a Lecturer in the Department of Finance and Investment Management. She holds a M.Com in Financial Management and is qualified as a Certified Financial Risk Manager (FRM) and Chartered Alternative Investment Analyst (CAIA). She has supervised a number of Masters' students to completion and has published numerous articles and conference proceedings.

Her thesis aimed to determine optimal long run relationships and short run dynamics across hedging relationships between 14 internationally spot and future priced commodities in the South African financial market. Her research was based on econometric testing applied in finance, and in the final analysis, she applied optimal hedging and hedging effectiveness techniques. The result revealed that the combined same spot and future options were seldom identified as the best option.

These findings add to the current body of literature since this approach has never been examined before. Colise's thesis makes an original contribution in the field of commodities, linked to alternative investments and risk management. The findings on optimal cross hedging relationships are important to investment decisions and portfolios as well as the risk management strategies related to the investments, as they allow for new additional uses of commodities.

Supervisor: Prof CCA Labuschagne



Tabane, Letsholo Michael (PhD)

Mr Letsholo Michael Tabane is a registered Psychologist with the HPCSA and holds a Master's degree in Counselling Psychology from the University of Oregon. His expertise involves assessment for personnel selection, placement and training, career counselling and development, as well as vocational guidance for high school learners. Following a career as a researcher-psychologist for the National Institute for Personnel Research, he has established a private practice specialising in medico-legal work and psychometrics.

Mr Tabane undertook an adaptation of the Industrial Test Battery (ITB), a non-verbal test of cognitive ability for adults with limited education. Given the dearth of suitable instruments for assessing cognitive ability among learners in Grades 8 and 9, he examined the potential utility of the ITB with these high school learners. Thereafter, Letsholo employed the Rasch Measurement Model in order to extend the ITB's reach to include high school learners.

Mr Tabane demonstrated how modern test theory can be used to develop instruments with invariant psychometric properties, which contrasts with prevailing methods that yield measuring instruments with properties that are sample dependent. Practitioners can use the adapted ITB to guide high school learners regarding subject choice. Additionally, researchers can use the tool to study the nomonological network of variables that impact on high school learners' career-related decisions.

Supervisor: Prof GP de Bruin



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.

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