STELLENBOSCH
UNIVERSITY
IYUNIVESITHI
UNIVERSITEIT

Graduation Ceremonies

23 - 26 March

Gradeplegtighede

23 - 26 Maart

2026

Our vision 2040

Stellenbosch University will be Africa's leading research-intensive university, globally recognised as excellent, inclusive and innovative, where we advance knowledge in service of society.

Our mission

Stellenbosch University is a research-intensive university, where we attract outstanding students, employ talented staff and provide a world-class environment; a place connected to the world, while enriching and transforming local, continental and global communities.

Umbono Wethu 2040

IYunivesithi yaseStellenbosch iya kuba yiyunivesithi egxininisa kuphando nekhokelayo eAfrika, neyamkelwa kwihlabathi lonke njengegqwesileyo, equkayo neyenza inguqulelo ezintsha, nalapho ulwazi olusiqhubela phambili lunika iinkonzo kuluntu.

Ubizo lwethu

IYunivesithi yaseStellenbosch yiyunivesithi egxininise kuphando nalapho sitsala abafundi abagqwesileyo, siqesha abasebenzi abanesiphiwo kwaye sibonelela ngemeko ekwinqanaba lehlabathi; indawo eqhagamshelana nehlabathi, ngeli lixa ityebisa ngophuhliso kwaye iguqula uluntu lwendawo, elizwekazi nolwehlabathi.

Ons visie 2040

Die Universiteit Stellenbosch sal Afrika se voorste navorsingsintensiewe universiteit wees wat wêreldwyd as uitnemend, inklusief en innoverend erken word en waar ons kennis tot diens van die samelewing bevorder.

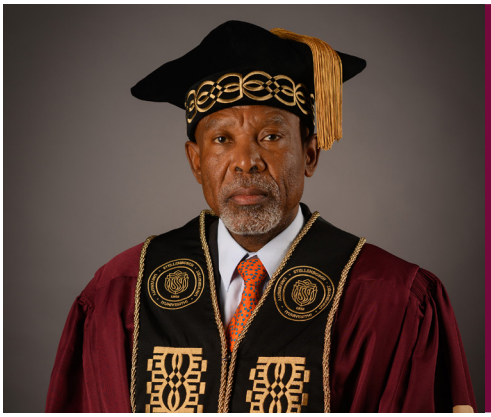
Ons missie

Die Universiteit Stellenbosch is 'n navorsings-intensiewe universiteit wat uitmuntende studente lok, talentvolle personeel aanstel en 'n wêreldklasomgewing bied; 'n plek wat met die wêreld verbind is en gemeenskappe plaaslik, op die vasteland en in die res van die wêreld verryk en transformeer.

In its commitment to transformation and redress, Stellenbosch University has renewed its academic attire. Discover more about this significant process:

Ekuzibopheleleni kwayo kwinguqu nolungiso, iYunivesithi yaseStellenbosch iye yahlaziya isinxibo sayo sezifundiswa. Fumana banzi ngale nkqubo ibaluleke kangaka:

As beliggaming van die instelling se verbintenis tot transformasie en regstelling het die Universiteit Stellenbosch ons akademiese drag vernuwe. Vind meer oor hierdie betekenisvolle proses uit:



Lesetja Kganyago

Chancellor | Kanselier

Dear Stellenbosch University graduand

Graduation is an opportunity to celebrate your achievements and the immense dedication that has brought you to this milestone. It also marks a moment of reflection as you prepare for the next part of your journey, which will be guided by the knowledge, values and connections you have gained here.

Your qualification represents years of commitment and growth. It also reflects the support of lecturers, families and friends who have walked alongside you. Together, they form part of the community that has helped shape the graduands we celebrate today.

Universities play a vital role in society. They nurture curiosity, advance knowledge and develop leaders who are equipped to navigate the complexities of the modern world. As graduates of Stellenbosch University, you will join a distinguished community of alumni whose ideas, innovation and leadership continue to make meaningful contributions in South Africa and across the globe.

Education is not only about personal success. Its greatest value lies in how knowledge is used to strengthen communities, expand opportunity and contribute to the common good. In a world that faces profound social, economic and environmental challenges, the need for thoughtful, principled leadership has never been greater.

As you begin this next chapter of your lives, I encourage you to remain curious, courageous and committed to excellence. Use the knowledge and values you have gained here to make a positive difference wherever your journey leads.

Congratulations on this remarkable achievement. Stellenbosch will always remain part of your story.

Warm regards

Lesetja Kganyago
Chancellor

Beste US-graduandus

Die US se gradeplegtigheid is 'n geleentheid om die prestasies en toewyding wat jou tot by hierdie mylpaal gebring het, te vier. Dit gee jou ook 'n oomblik om oor jou tyd by die US te besin terwyl jy jou voorberei op die volgende deel van jou reis, wat deur die kennis, waardes en verbintenisse wat jou hier opgedoen en gevorm het, gerig sal word.

Jou kwalifikasie verteenwoordig jare se toewyding en groei. Dit weerspieël ook die ondersteuning van dosente, familie en vriende wat die pad saam met jou gestap het. Hulle is deel van die gemeenskap wat gehelp het om die graduandi wat ons vandag vier te vorm.

Universiteite speel 'n belangrike rol in die samelewing. Hulle kweek weetgierigheid, bevorder kennis en ontwikkel leiers wat toegerus is om die kompleksiteite van die moderne wêreld te navigeer. As 'n gegradueerde van die Universiteit Stellenbosch sal jy nou aan by vooraanstaande alumni aansluit wie se idees, innovasie en leierskap steeds betekenisvolle bydraes in Suid-Afrika en regoor die wêreld lewer.

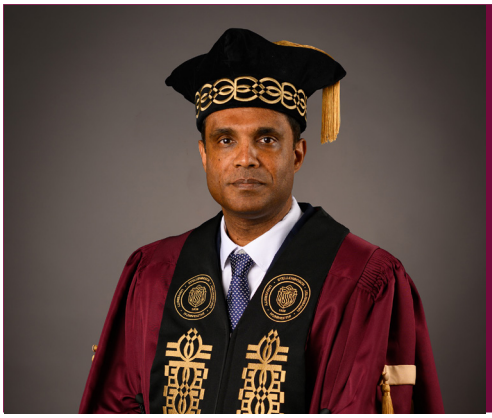
Om 'n opvoeding te kry, gaan nie net oor persoonlike sukses nie, maar ook hoe kennis gebruik word om gemeenskappe te versterk en geleenthede te skep. In 'n wêreld wat diepgaande maatskaplike, ekonomiese en omgewingsuitdagings in die gesig staar, is die behoefte aan deurdagte en beginselvaste leierskap nou nog groter as ooit.

Terwyl jy hierdie volgende hoofstuk van jou lewe tegemoet gaan, moedig ek jou aan om weetgierig, dapper en toegewyd aan uitnemendheid te bly. Gebruik die kennis en waardes wat jy hier opgedoen het om 'n positiewe verskil te maak waar jou reis ook al lei.

Baie geluk met hierdie merkwaardige prestasie. Stellenbosch sal altyd deel van jou storie bly.

Vriendelike groete

Lesetja Kganyago
Kanselier



Prof Deresh Ramjugernath

Rector and Vice-Chancellor | Rektor en Visekanselier

Dear Matie

Congratulations on reaching this important milestone. Completing your qualification is a remarkable achievement, and today we celebrate not only your hard work, but also the resilience, curiosity and commitment that have brought you to this moment.

This graduation takes place during a significant period for Stellenbosch University. In December, we celebrated the largest graduation series in our history, with more than 6 000 students receiving their qualifications. The ceremonies we gather for this week continue that momentum as we celebrate the achievements of another exceptional cohort of graduates.

Over the course of Graduation Week, thousands of graduates will cross the stage at the Coetzenburg Centre in a series of ceremonies representing all our faculties. Each ceremony reflects the dedication of our students and the collective efforts of the families, lecturers and staff who have supported them along the way.

This moment also marks an important evolution in how Stellenbosch University celebrates academic achievement. As we move toward a model in which our community gathers annually for a single graduation season, we strengthen the sense of shared celebration and create an even more vibrant expression of the success of our students.

A Stellenbosch University qualification represents far more than a degree or certificate. It reflects the knowledge, skills and values you have developed during your time here. It also prepares you to engage thoughtfully with the complex challenges and opportunities of a rapidly changing world.

At SU, we believe that knowledge finds its greatest value when it is applied in service of society. As a graduate, you now become an ambassador for that purpose. Wherever your journey takes you, your ideas, leadership and commitment will help shape the future of our communities and our world.

Progress is never achieved alone. It is built through collaboration, partnership and the collective efforts of people who share a vision for a better future. As members of the global Matie community, you now join a network that continues to learn together, lead together and shape tomorrow together.

Please remain connected to your alma mater through our global alumni network. Wherever your journey leads you, Stellenbosch University will always be a part of your story.

Congratulations once again on this exceptional achievement.

Prof Deresh Ramjugernath
Rector and Vice-Chancellor

Beste Matie

Baie geluk met hierdie belangrike mylpaal. Die afhandeling van jou kwalifikasie is 'n besondere prestasie en vandag vier ons nie slegs jou harde werk nie, maar ook die veerkragtigheid, weetgierigheid en toewyding wat jou tot op hierdie punt gedra het.

Hierdie gradeplegtigheid vind plaas binne 'n belangrike tydperk vir die Universiteit Stellenbosch. In Desember het ons die grootste reeks gradeplegtighede in ons geskiedenis gevier, met meer as 6 000 studente wat hulle kwalifikasies ontvang het. Die plegtighede waarvoor ons vandeesweek byeen kom, sit daardie momentum voort, terwyl ons die prestasies van nog 'n uitsonderlike kohort graduandi vier.

Gedurende die verloop van gradeplegtigheidsweek sal duisende graduandi oor die Coetzenburg-sentrum se verhoog stap in die reeks plegtighede wat al ons fakulteite verteenwoordig. Elke plegtigheid weerspieël die toewyding van ons studente en die gesamentlike pogings van die families, dosente en personeel wat hulle langs die pad ondersteun het.

Hierdie oomblik merk ook 'n belangrike ontwikkeling in die wyse waarop die Universiteit Stellenbosch akademiese prestasie vier. Soos ons in die rigting beweeg van 'n model waarvolgens ons gemeenskap jaarliks vir 'n enkele gradeplegtigheidseisoen byeenkom, versterk ons die gevoel van gedeelde feesviering en skep ons 'n selfs meer kleurvolle uitdrukking van die sukses van ons studente.

'n Kwalifikasie van die Universiteit Stellenbosch verteenwoordig veel meer as 'n graad of sertifikaat. Dit weerspieël die kennis, vaardighede en waardes wat jy gedurende jou tyd hier ontwikkel het. Dit berei jou ook voor om nadenkend met die komplekse uitdagings en geleenthede van 'n vinnig veranderende wêreld om te gaan.

Aan die US glo ons dat kennis sy grootste waarde vind wanneer dit in diens van die samelewing aangewend word. As 'n graduandus word jy nou 'n ambassadeur van daardie doel. Waar jou reis jou ookal neem, sal jou idees, leierskap en toewyding help om die toekoms van ons gemeenskappe en ons wêreld te vorm.

Vooruitgang word nooit alleen bereik nie. Dit word gebou deur medewerking, vennootskap en die gesamentlike pogings van mense met 'n gedeelde visie vir 'n beter toekoms. As lid van die globale Matie-gemeenskap sluit jy nou aan by 'n netwerk wat steeds saam leer, saam lei en die dag van môre saam vorm.

Bly asseblief deur ons globale alumni-netwerk aan jou alma mater verbind. Waar jou reis jou ookal lei, die Universiteit Stellenbosch sal altyd deel van jou verhaal bly.

Weer eens baie geluk met hierdie uitsonderlike prestasie.

Prof Deresh Ramjugernath
Rektor en Visekanselier

Chancellor | Kanselier
EL Kganyago, BCom, MSc, DCom (hc) (Stell), DCom (hc) (NMU)

Chairperson of Council | Voorsitter van die Raad
NF Newton-King, BA LLB, LLM, LLD (hc) (Stell)

Rector and Vice-Chancellor | Rektor en Visekanselier
Prof D Ramjugernath, BScEng, PhD, MASSAf, FAAS, FSAAE

Acting Chief Operating Officer | Waarnemende Uitvoerende Bedryfshoof
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Deputy Vice-Chancellor (Social Impact, Transformation and Personnel)
Viserektor (Sosiale Impak, Transformasie en Personeel)
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Acting Deputy Vice-Chancellor (Academic)
Waarnemende Viserektor (Akademies)
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Viserektor (Navorsing, Innovasie en Internasionalisering)
Prof S Moyo, BSc, BScHons, MSc, MTEM, PhD

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Waarnemende Viserektor (Strategie, Globale en Korporatiewe Sake)
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Registrar | Registrateur
Dr P Retief, MA, Dlitt

Acting Dean of Students | Waarnemende Studentedekaan
Dr LB van Rooi, BTh, MDiv, DTh

Deans | Dekane

Arts and Social Sciences | Lettere en Sosiale Wetenskappe
Prof V Roodt, BA, BAHons, MA, DPhil

Science | Natuurwetenskappe
Prof BC Fielding, BSc, BScHons, PhD, MPhil

AgriSciences | AgriWetenskappe
Prof K Dzama, BScHons, MSc, PhD

Education | Opvoedkunde
Prof MR Madiba, BA, BAHons, MA, DLitt et Phil

Law | Regsgeleerdheid
Prof JM Pienaar, B.Iuris, LLM, LLD *(acting)*

Economic and Management Sciences | Ekonomiese en Bestuurswetenskappe
Prof RC Daniels, BSc, MA, PhD

Engineering | Ingenieurswese
Prof JL van Niekerk, BEng, MEng, PhD, EMBA

Medicine and Health Sciences | Geneeskunde en Gesondheidswetenskappe
Prof EM Muller, MBChB, MMed, FCS (SA), MRCS (Ed), FACS, PhD

Military Science | Krygskunde
Dr FL Monama, BA, HED, HonsBA, MA, MPhil, PhD *(acting)*

Theology | Teologie
Prof RW Nel, BA, BTh, MTh, DTh

Always a Matie

Congratulations and welcome to the Stellenbosch University alumni family! Your graduation is a momentous occasion and marks the beginning of your continued relationship with your alma mater. The Alumni Office is your lifelong connection to the University. Be sure to join fellow graduates after your faculty graduation ceremony for an exciting networking champagne celebration at the Alumni Clubhouse located at Die Stal where we will toast to your future success. Walk across with family and friends from Coetzenburg to Die Stal to celebrate your graduation!

There are many ways to stay connected. Please update your latest contact details via alumni@sun.ac.za in order for us to continue to keep in touch with you.

Homecoming Weekend

The University's Homecoming and Family Weekend takes place from Thursday 10 September to Saturday 12 September 2026 on the Stellenbosch campus. Information is available at www.matiesalumni.com.

Join Maties Connect

Our www.matiesconnect.com platform will help you increase your professional network, find a job opportunity, advertise your business, search for a mentor, reach out to alumni, and keep up to date on what's happening at your alma mater.

Be part of an Alumni Chapter

The University's Development and Alumni Relations team establish alumni chapters both locally and internationally to connect alumni in specific regions with one another through regular networking and social events - both online and in person. For more information on how to join or to volunteer and participate in a chapter, send an e-mail to alumni@sun.ac.za.

Give back to a fellow Matie!

As we celebrate your remarkable achievements today, we also look ahead to the future. Join us on **15 April 2026**, for the Stellenbosch University Giving Day – a chance to give back and make a difference for future Maties. Your generosity can help empower the next generation of students and ensure the continued success of our university community. More information is available at https://www.givengain.com/event/givingmaties2026.

I-Matie ngalo Lonk' ixesha

Sivuyisana nawe kwaye wamkelekile kusapho olungabo babesakufunda kwiYunivesithi yaseStellenbosch! Ukuthweswa kwakho isidanga lixesha apha elakha labaluleka, kwaye likwalixesha eliphawula ukuqalisa kwakho ubudlelwane obuqhubekayo kunye nale yunivesithi owawusakufunda kuyo. IOfisi yabo Babesakuba Ngabafundi Apha yiyo ekunxulumanisa neYunivesithi ubomi bakho bonke. Emva komsitho wothwesozidanga wefakhalthi yakho, qinisekisa ukuba uhlangana nabanye oogxa bakho abaphumeleleyo kumbhiyozo weshampeyini omyoli wokwakha ubuhlobo phaya kwiAlumni Clubhouse eseDie Stal, apho siya kukuthi jize khona ngeminqweno emihle yempumelelo kwixesha elizayo. Wela ukusuka eCoetzenburg ukuya eDie Stal uthe chu ngcembe nezalamane nabahlobo ukuya kubhiyozela ukuthweswa kwakho isidanga!

Zininzi iindlela zokuhlala uqhagamshelekile. Sicela uthumele inkcukhaca zakho ku alumni@sun.ac.za ukuze siqhagamshelane nawe.

IMpelaveki yoBuyelekhaya ubekunye noSapho

IMpelaveki yoBuyelekhaya ubekunye noSapho eyenzelwe abo babesakufunda apha yenzeka ukusuka ngoLwesine umhla we-10 kwinyanga yoMsintsi ukuya kutsho ngoMgqibelo umhla we-12 kweyoMsintsi 2026 kwikhampasi yaseStellenbosch. Iingcombolo ezithe vetshe zifumaneka ku- www.matiesalumni.com.

Joyina i-Maties Connect

Iqonga lethu le- www.matiesconnect.com liza kukunceda ekwandiseni inani leengcali onxibelelana nazo, ukufumana amathuba omsebenzi, ukwazisa ishishini lakho, ukufuna umcebisi onamava, ekufikeleleni kwabanye ababefunda apha nasekubeni uhlale usazi ngokwenzekayo ngale yunivesithi owawusakufunda kuyo.

Yiba yinxalenye yeQela labo baBesakuba ngaBafundi balapha

Iqela loPhuhliso nezoNxibelelwano lwabo baBesakuba ngaBafundi balapha lisungula amaqela abo babesakuba ngabafundi apha netshapta zawo naza kuzinza kweli lizwe nakwamanye amazwe ukuze kunxibelelwane ngabo babesakuba ngabafundi apha abakwiingingqi ezithile oko kusenziwa ngokunxibelelana rhoqo nangendibano zasekuhlaleni nge-intanethi nangobuso ngobuso. Ukuba ufuna iinkcukacha ezithe vetshe malunga nendlela yokujoyina okanye yokuvolontiya nokuthatha inxaxheba kwiqela okanye itshapta ehlabathini, thumela i-imeyili ku alumni@sun.ac.za.

Ukupha enye iMatie!

Njengoko sibhiyozela impumelelo yakho emangalisayo namhlanje, sikwajonge phambili kwikamva. Sijoyine kumhla **we15 kuTshazimpuzi ka2026**, kuSuku lokuPhisa lweYunivesithi yaseStellenbosch – ithuba lokupha nokwenza umahluko kwiMaties zexesha elizayo. Ububele bakho bunokunceda ukuxhobisa isizukulwana esilandelayo sabafundi kunye nokuqinisekisa impumelelo eqhubekayo yoluntu lwethu lweYunivesithi. Ulwazi olubanzi luyafumaneka ku https://www.givengain.com/event/givingmaties2026.

Altyd 'n Matie

Geluk en welkom in die Universiteit Stellenbosch se alumni-familie! Jou gradeplegtigheid is 'n belangrike mylpaal, en ook die begin van jou voortgesette verbintenis met jou alma mater. Die Alumni-kantoor is jou lewenslange skakel met die Universiteit. Sluit gerus ná jou fakulteit se gradeplegtigheid by jou mede-graduandi aan vir 'n opwindende netwerkgeleentheid by die Alumni-klubhuis in Die Stal, waar ons 'n glasie sjampanje op julle toekomstige sukses sal klink. Stap sommer saam met familie en vriende van Coetzenburg af oor na Die Stal toe om jou graduering te vier!

Daar is vele maniere om in kontak te bly. Kontak ons by alumni@sun.ac.za om jou jongste kontakbesonderhede by te werk.

Tuiskomsnaweek

Die Universiteit se Tuiskomsnaweek vir alumni vind vanaf Donderdag 10 September tot Saterdag 12 September 2026 op die Stellenboschkampus plaas. Inligting is by www.matiesalumni.com beskikbaar.

Sluit aan by Maties Connect

Ons www.matiesconnect.com -platform sal jou help om jou professionele netwerk uit te brei, 'n werkgeleentheid te vind, jou besigheid te adverteer, vir 'n mentor te soek, alumni te kontak, en op die hoogte van gebeure by jou alma mater te bly.

Wees deel van 'n Alumni-tak

Die Universiteit se Ontwikkeling en Alumnibetrekkinge-span vestig plaaslike en internasionale alumni-takke om alumni in spesifieke streke met mekaar in verbinding te bring deur gereelde netwerk- en sosiale geleenthede aan te bied – aanlyn en in persoon. Vir meer inligting oor hoe om aan te sluit, as vrywilliger op te tree en wêreldwyd aan 'n tak deel te neem, stuur 'n e-pos aan alumni@sun.ac.za.

Gee terug aan 'n mede-Matie!

Waar ons vandag julle merkwaardige prestasies vier, kyk ons ook vorentoe, nadie toekoms. Sluit op **15 April 2026** by ons aan vir die Universiteit Stellenbosch se Skenkingsdag – 'n geleentheid om terug te gee en 'n verskil vir toekomstige Maties te maak. Julle vrygewigheid kan die volgende geslag studente help bemagtig en die voortgesette sukses van ons universiteitsgemeenskap verseker. Nog inligting is by https://www.givengain.com/event/givingmaties2026 beskikbaar.

Alumni calendar

Connect in 2026

Alumni-kalender

Bou bande in 2026

Graduation Ceremonies | Gradeplegtighede

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BA (Human Resource Management); BA (Humanities); BA (Political, Philosophical and Economic Studies); BA (Social Dynamics); BA (Socio-Informatics); BDatSci; PGDip (Public Mental Health); PGDip (Social Science Methods); PGDip (Transdisciplinary Health and Development Studies); PGDip (Applied Ethics); PGDip (Knowledge and Information Systems Management); PGDip (Monitoring and Evaluation); PGDip (Research Management and Administration); BAHons (History); BAHons (Philosophy); BAHons (Political Science); BAHons (Psychology); BAHons (Social Anthropology); BAHons (Sociology); B Informatics Hons; MA (Clinical Psychology); MA (History); MA (Philosophy); MA (Political Science); MA (Psychology); MA (Public Sociology and Anthropology); MA (Socio-Informatics); MA (Sociology); MA (Social Anthropology); MA (Social Science Methods); MPhil (Applied Ethics); MPhil (Decision-Making and Knowledge Dynamics); MPhil (Information and Knowledge Management); MPhil (Monitoring and Evaluation); MPhil (Public Mental Health); MPhil (Science and Technology Studies); MPhil (Transdisciplinary Health and Development Studies); PhD (Applied Ethics); PhD (Decision-Making and Knowledge Dynamics); PhD (Evaluation Studies); PhD (History); PhD (Philosophy); PhD (Political Science); PhD (Psychology); PhD (Science and Technology Studies); PhD (Social Anthropology); PhD (Social Science Methods); PhD (Socio-Informatics); PhD (Sociology)

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HCert (Music); Dip (Practical Music Studies); Adv (Practical Music); B Social Work; BA (Development and Environment); BA (Drama and Theatre Studies); BA (International Studies); BA (Language and Culture); BA (Law); BA (Sport Science); BA (Visual Arts); BMusic; BA (Music); PGDip (Film Music); PGDip (Disaster Risk Studies and Development); PGDip (Intercultural Communication); PGDip (Music Technology); PGDip (Second-Language Studies); PGDip (Technology for Language Learning); BAHons (African Languages); BAHons (African Languages for Professional Contexts); BAHons (Afrikaans and Dutch); BAHons (Ancient Cultures); BAHons (Ancient Languages); BAHons (Chinese); BAHons (Drama and Theatre Studies); BAHons (English Studies); BAHons (French); BAHons (General Linguistics); BAHons (Geography and Environmental Studies); BAHons (Geographical Information Systems); BAHons (German); BAHons (International Studies); BAHons (Journalism); BMusHons; BAHons (Translation); BAHons (Language Practice); BAHons (Visual Arts Illustration); BAHons (Visual Studies); MA (African Languages); MA (African Languages for Professional Contexts); MA (Afrikaans and Dutch); MA (Ancient Cultures); MA (Ancient Languages); MA (Creative Writing); MA (Drama and Theatre Studies); MA (English Studies); MA (French); MA (General Linguistics); MA (Geographical Information Systems); MA (Geography and Environmental Studies); MA (German); MA (Intercultural Communication); MA (International Studies); MA (Second Language Studies); MA (Journalism); MA (Lexicography); MA (Social Work); MA (Translation); MA (Technology of Language Learning); MA (Visual Arts); MA (Visual Arts) (Art Education); MA (Visual Studies); MMus; M (Urban and Regional Planning); MPhil (Disaster Risk Science and Development); MPhil (Film Music); MPhil (Music Technology); MPhil (Urban and Regional Science); PhD (African Languages); PhD (Afrikaans and Dutch); PhD (Ancient Cultures); PhD (Ancient Languages); PhD (Comparative Literature); PhD (Drama and Theatre Studies); PhD (English Studies); PhD (French); PhD (General Linguistics); PhD (Geography and Environmental Studies A); PhD (German); PhD (Journalism); PhD (Lexicography); PhD (Music); PhD (Social Work); PhD (Translation); PhD (Urban and Regional Planning); PhD (Urban and Regional Science); PhD (Visual Arts)

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Faculty of Economic and Management Sciences (Group 1) | Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 1)

BCom; BCom (Industrial Psychology); BCom (International Business); BCom (Management Sciences); PGDip (Marketing); PGDip (HIV/AIDS Management); PGDip (Strategic Human Resource Management); BComHons (Business Management); BComHons (Human Resources Management); BComHons (Industrial Psychology); MCom (Business Management); MCom (Human Resources Management); MCom (Industrial Psychology); MPhil (HIV/AIDS Management); PhD (Business Management); PhD (HIV/AIDS Management); PhD (Industrial Psychology)

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Faculty of Economic and Management Sciences (Group 2) | Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 2)

BAccounting; BCom (Actuarial Sciences); BCom (Economic Sciences); BCom (Financial Accounting); BCom (Management Accounting); BCom (Management Sciences: Logistics Management); BCom (Mathematical Sciences); BCom (Law); BDatSci; PGDip (Accounting); PGDip (Actuarial Science); PGDip (Transport and Logistics); BAccHons; BComHons (Actuarial Science); BComHons (Economics); BComHons (Financial Risk Management); BComHons (Logistics Management); BComHons (Mathematical Statistics); BComHons (Management Accounting); BComHons (Operations Research); BComHons (Statistics); BComHons (Transport Economics); MAcc; MCom (Actuarial Science); MCom (Computer Auditing); MCom (Economics); MCom (Financial Risk Management); MCom (Logistics Management); MCom (Mathematical Statistics); MCom (Operational Research); MCom (Quantitative Management); MCom (Statistics); MCom (Taxation); MCom (Transport Economics); PhD (Accounting); PhD (Agricultural Economics); PhD (Economics); PhD (Logistics); PhD (Logistics Management); PhD (Mathematical Statistics); PhD (Transport Economics); PhD (Operational Research); PhD (Statistics)

Doctoral Qualifications | Doktorale Kwalifikasies 75

Other Qualifications | Ander Kwalifikasies 77

8. 25 March | Maart 2026 (17:00) 81

Faculty of Economic and Management Sciences (Group 3) | Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 3)

Dip (Public Accountability); Dip (Sustainable Development); AdvDip (Public Accountability); AdvDip (Sustainable Development); PGDip (Business Management and Administration); PGDip (Development Finance); PGDip (Environmental Management); PGDip (Financial Planning); PGDip (Future Studies); PGDip (Leadership Development); PGDip (Project Management); PGDip (Public Financial Management); PGDip (Sustainable Development); BPubAdminHons; BComHons (Public and Development Management); MBA; MCom (Public and Development Management); MPA; MPhil (Development Finance); MPhil (Environmental Management); MPhil (Futures Studies); MPhil (Management Coaching); MPhil (Leadership Coaching); MPhil (Sustainable Development); PhD (Business Management and Administration); PhD (Development Finance); PhD (Futures Studies); PhD (Public and Development Management); PhD (Sustainable Development Planning and Management)

Doctoral Qualifications | Doktorale Kwalifikasies 83

Other Qualifications | Ander Kwalifikasies 85

9. 25 March | Maart 2026 (17:00) 93

Faculty of Medicine and Health Sciences | Fakulteit Geneeskunde en Gesondheidswetenskappe

Honorary Doctorate | Eredoktorsgraad 95
Olive Shisana

Doctoral Qualifications | Doktorale Kwalifikasies 96

Other Qualifications | Ander Kwalifikasies 102

10. 26 March | Maart 2026 (13:00) 107

Faculty of Engineering | Fakulteit Ingenieurswese

Honorary Doctorate | Eredoktorsgraad 109
Tjaart van der Walt

Doctoral Qualifications | Doktorale Kwalifikasies 110

Other Qualifications | Ander Kwalifikasies 119

11. 26 March | Maart 2026 (17:00) 123

Faculty of Education | Fakulteit Opvoedkunde

Doctoral Qualifications | Doktorale Kwalifikasies 125

Other Qualifications | Ander Kwalifikasies 127

Faculty of Theology | Fakulteit Teologie

Doctoral Qualifications | Doktorale Kwalifikasies 129

Other Qualifications | Ander Kwalifikasies 131

12. National anthem | Nasionale volkslied 132

forward together
sonke siya phambili
saam vorentoe

Faculty of Arts and Social Sciences (Group 1)

23 March 2026 | 09:00

Fakulteit Lettere en Sosiale Wetenskappe (Groep 1)

23 Maart 2026 | 09:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Chancellor.
	4. Welcome by the Chancellor.
	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Chancellor.
	6. Closing by the Chancellor.
Please stand	7. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Kanselier.
	4. Verwelkoming deur die Kanselier.
	5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Kanselier.
	6. Sluiting deur die Kanselier.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

Faculty of Arts and Social Sciences (Group 1)
Fakulteit Lettere en Sosiale Wetenskappe (Groep 1)

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

ABIYO, Tesfatsion Dominiko (Sociology)

Language politics in the Ethiopian university system: a case study of Addis Ababa University

This study examines the history and politics of language in Ethiopian higher education, focusing on Addis Ababa University (AAU) under post-1991 ethnic federalism. Following the Derg regime's fall, Ethiopia's new federal system aimed to promote cultural and educational autonomy by developing minority languages. The thesis investigates tensions between demands for regional and cultural/linguistic autonomy and centralising tendencies within an expanding national university system. At AAU, a form of institutional bilingualism has emerged, with Amharic – the de facto national language and lingua franca – designated the "working language", and English the "academic language". The study draws on policy documents and interviews to analyse language politics and practices across various university domains.

Supervisor: Dr LB Hill

AFRIKA, Nthabiseng Seisa (Psychology)

Sexuality constructions of South African tertiary-educated Black women

This study explores how South African tertiary-educated Black women construct and negotiate their sexuality, addressing a gap in research that often centres on younger or economically disadvantaged groups. Guided by a social constructionist feminist framework, interviews with 30 women showed how education had expanded opportunities and self-understanding, while early sexual socialisation and family dynamics had shaped beliefs about gender and relationships. Participants described both the persistence and active renegotiation of traditional masculinity ideals. The study provides a more nuanced understanding of Black South African women's sexualities and highlights the importance of educational and family contexts that support sexual empowerment and gender equity.

Supervisor: Prof E Lesch

BANDA, Lloyd George (Political Science)

Policy development in unitary subsystems: the case of the Access to Information Act in Malawi, 1999-2020

This study uses the Advocacy Coalition Framework (ACF), a widely applied approach in policy studies, to explore how Malawi's Access to Information Policy was developed. The research demonstrates the value of the ACF for developing an in-depth explanation for this instance of policy development in Malawi. The study contributes to scholarship in this field by proposing amendments to the ACF, covering aspects such as "the chameleon effect", the importance of presidential power in a unitary system, and governments as advocacy coalitions in policy development processes.

Supervisor: Dr UL Adams

BENNETT, Monique Jessica (Political Science)

Peacebuilding fragility and the dynamics of implementation: the disarmament, demobilisation and reintegration process during ONUMOZ in Mozambique

This study examines how disarmament, demobilisation and reintegration (DDR) implementation unfolded during the United Nations peacebuilding mission in Mozambique (ONUMOZ) (1992-1997). It reveals three mechanisms that shaped Mozambique's DDR implementation. First, fragile commitment repair: Peace commissions institutionalised dialogue and external oversight, yet consensus rules and elite veto powers converted credible commitment structures into arenas for strategic obstruction and cyclical partial compliance. Second, spatial reproduction of wartime orders: DDR unfolded within geographies still marked by the material and symbolic legacies of the civil war. Third, temporal compression and performative implementation: Donor-driven electoral timetables compressed DDR sequencing, prioritising visible completion over substantive verification and trust-building.

Supervisor: Dr GG Lamb
Co-supervisor: Dr J Palik (*external*)

BOB, Shaka Keny (Sociology)

Informal workers' ability to adapt to Covid-19-related shocks: the case for social protection

This study considers how informal workers in South Africa coped with the Covid-19 pandemic, including government's physical containment measures and accessing emergency relief grants. Focusing on the most vulnerable in the sector, especially women and non-citizens, it engages broader debates about the comprehensiveness of social protection in South Africa, suggesting that the conditions of the pandemic threw these debates into sharp relief. Empirically, the study combines quantitative data, specifically the National Income Dynamics Coronavirus Rapid Mobile Survey, and qualitative data on informal workers at the Bellville Transport Interchange, to understand the limits of social protection in South Africa's informal economy.

Supervisor: Prof BM Dubbeld

BREEN, Alison Tuzette (Psychology)

Children's social context in Khayelitsha: perspectives of children, adolescents, parents and teachers

This study explores children's social contexts in Khayelitsha, South Africa, centring children's perspectives. Drawing on the new sociology of childhood and integrated ecological frameworks, the research uses qualitative interviews and focus groups with children, adolescents, caregivers and teachers to examine how children interpret and navigate their social environments. Four key themes emerge: the pervasive presence of violence across developmental stages, the ambivalent role of adult support, the importance of children's wider social networks, and the influence of social contexts on children's aspirations. The findings emphasise the need for integrated, child-centred interventions that are responsive to children's lived realities.

Supervisor: Prof M Tomlinson
Co-supervisor: Dr K Daniels (*external*)

BUSHELL, Paul Nicholas (Psychology)

The development and evaluation of a career development toolkit for South African Grade 11 adolescents

Addressing the underdeveloped state of career guidance in South Africa, this study develops and evaluates a specialised intervention and toolkit for Grade 11 learners. Using Social Cognitive Career Theory as a framework, a quasi-experimental mixed-methods design was applied to a sample of 426 participants in the Cape Winelands. Quantitative findings demonstrate significant improvements in career maturity in the experimental group, although the impact on career decision-making self-efficacy is less pronounced. While the qualitative findings highlight the intervention's perceived relevance and practical value, the mixed outcomes underscore both the promise and limitations of targeted career interventions in addressing socioeconomic inequality in career guidance.

Supervisor: Prof AV Naidoo
Co-supervisor: Prof S Rabie *(external)*

CHIDZANJA, Chikondi (Political Science)

Multilateral counterterrorism military interventions in Africa: a comparative analysis of the United Nations Multidimensional Integrated Stabilisation Mission in Mali and the Southern African Development Community Mission in Mozambique

This study presents a comparative analysis of multilateral counterterrorism responses in West and Southern Africa, focusing on the United Nations Multidimensional Integrated Stabilisation Mission in Mali (MINUSMA) and the Southern African Development Community Mission in Mozambique (SAMIM) respectively. Key findings indicate that there was considerable variation in how the host countries cooperated with the multilateral institutions overseeing the military missions, the behaviour of regional hegemons, mission mandates, and budgets. These variations suggest that the establishment of multilateral counterterrorism interventions is driven by a variety of state interests and is influenced by both internal and external factors.

Supervisor: Dr GG Lamb
Co-supervisor: Prof J van der Westhuizen

CHIKOTIE, Taurai Togarepi (Socio-Informatics)

Towards an implementation framework for e-syndromic disease surveillance systems in low-resource settings: the case of Zimbabwe

This research addresses a critical gap in Zimbabwe's public health system – the absence of a real-time, electronic disease surveillance framework. Against the backdrop of recurring outbreaks of cholera, typhoid and other infectious diseases, this study develops a pioneering sociotechnical implementation framework for an e-syndromic disease surveillance system (eSDSS) tailored to Zimbabwe's unique challenges. Grounded in critical realism, and drawing on systems thinking and adaptive structuration theory, the research synthesises policy analysis, expert interviews and causal loop modelling to deliver actionable, evidence-based recommendations. As such, it offers a scalable blueprint for transforming disease surveillance across Zimbabwe and comparable low-resource settings globally.

Supervisor: Prof BW Watson

CHITAUKIRE, Rumbidzai Hazel (History)

Enduring intersectional precarity: a history of resilience and resistance by women informal traders in Harare (Zimbabwe), c. 1965 to 2022

This study examines the resilience of women informal traders in Harare, Zimbabwe, from 1965 to 2022, using a qualitative methodology involving 53 interviews and archival research. Resistance is framed as a multifaceted spectrum that spans both conscious public protests and unconscious everyday tactics such as night trading. These activities are defined as astute economic strategies and sturdy counter-economies rather than mere acts of defiance. By emphasising agency over victimhood, the research helps rethink economics in African economic history, recognising women's informal labour as a vital GDP contributor, and reframing Zimbabwe's "crisis" as a new economy. The study enriches gender and African studies.

Supervisor: Dr CPJ Fransch

DHLIWAYO, Blessing (History)

State Forest Management, Society and Environment in Eastern Highlands, Zimbabwe, c.1890-2023

This study reconstructs state forest management in Zimbabwe's Eastern Highlands from 1890 to the 2023. It traces how "scientific forestry", settler capitalism and the 1949 Forest Act forged a powerful plantation regime, consolidated by the Forestry Commission in 1954. Behind technocratic control lay land dispossession, labour exploitation, and exclusion. Independence in 1980 promised rupture, but preserved extractive structures that deepened in the crisis years. Drawing on archives and oral histories, the study argues that exotic plantations – no less than natural forests – stand at the heart of colonial legacies, postcolonial governance failures, and today's environmental reckoning.

Supervisor: Prof SS Swart

KESSON, Craig John (Political Science)

Cities in Great Power Competition: Towards a development of the Neorealist Paradigm in International Relations Theory

This study updates Neorealism in light of renewed Great Power competition, particularly between America and China. Emerging during the Cold War, Neorealism has remained largely state-centric, despite major changes in global politics and the growing importance of cities in international relations. The research challenges this limitation by incorporating global cities as analytically significant actors, without rejecting the continued relevance of the state. Drawing on Lakatos, Kuhn, and Feyerabend, and informed by critical theory and constructivism, it develops a "cityscaping" heuristic. Applied to selected American and Chinese global cities, this model extends Neorealism's explanatory and methodological reach for the contemporary era.

Supervisor: Prof PP Fourie

MASEYA, Eddington Joseph (History)

Social and Environmental History of Elephants and Human Groups in Southeast Zimbabwe, c. 1965-2020

This study uses a multispecies environmental history approach to understand the entangled histories of humans and elephants in Gonarezhou, Zimbabwe, from 1965 to 2020. It recognises elephants not as passive figures in human history, but as active participants whose ecological impacts influenced land use and conservation policy. The research covers the Unilateral Declaration of Independence, the Second Chimurenga, early independence and fast-track land reform, exploring war, ivory trade, conservation ideologies, the CAMPFIRE project and governance failures. It highlights elephants' behavioural shifts in response to violence and ecological disruption. Finally, it shows how corruption and governance failures today shape conservation practice and affect long-term prospects for sustainable human–elephant coexistence in Zimbabwe.

Supervisor: Prof SS Swart

NYABIKO, Josephine (History)

A socioeconomic and political history of Tanda women, Zimbabwe, c. 1963-2024

This study engages with a socioeconomic and political history of Tanda women in Zimbabwe from 1963 to 2024, situating their experiences within colonial, liberation and postcolonial transformations. It demonstrates how women strategically subverted colonial homecraft and domesticity programmes, actively participated in the Second Chimurenga, and challenged their marginalisation within nationalist historiography. In the post-independence period, the study examines women's responses to state policy failures, their engagement with the Fast Track Land Reform Programme, and their adaptive reliance on informal economies amid recurring crises. Ultimately, it argues that Tanda women consistently exercised agency, contesting patriarchal and hegemonic structures while reshaping gender relations and broader societal norms.

Supervisor: Dr T Dube

THERON, Shirah (Philosophy)

Good sex and bad sex: investigating the moral epistemology of sex online

Engaging in online sexual activities has become a defining feature of contemporary sexual life. While most research focuses on consent, autonomy and harm, little attention has been given to this fundamental question: How do we learn to judge and act responsibly as our sexual lives become more technologically mediated? This study develops a moral epistemological framework for understanding how sexual moral knowledge is cultivated and exercised in our changing landscape. Through case studies of "sissy hypno" pornography consumption and sexual AI companion interactions, it argues that responsible sexual agency depends on developing capacities for moral attention, dialogical competence, accountability and moral repair, both for others and ourselves, even amid inevitable ignorance and uncertainty.

Supervisor: Dr A Palk

WAGGIE, Ashrudeen (History)

Historicising the Popular: Trans-Atlantic Exchanges between African American and Local South African Musicians during the Cultural Boycott, c. 1960-1993

This study investigates over 70 African American musicians' tours to apartheid South Africa between 1960 and 1993. Based on extensive archival research, scouring newspapers and magazines, the study reconstructs a largely overlooked history of transnational performance. It situates these tours within South African popular music historiography, analyses their interaction with apartheid legislation, and reassesses their relationship to the cultural boycott. It argues that the tours influenced shifts in entertainment policy and reshaped constructions of Black identity. In so doing, the study challenges straightforward narratives of resistance and collaboration, and offers a new interpretation of music's political role under apartheid.

Supervisor: Dr CPJ Fransch

WARD, Margaret Helen (Science and Technology Studies)

A case study of the performance of the DST-CSIR National Centre for Nanostructured Materials, 2007/8-2018/19

This study reviews the performance of the DSTI-CSIR National Centre for Nanostructured Materials against the context of the developing field of nanotechnology in South Africa. It considers the overall performance of the Centre between 2007 and 2019, applying a mixed-methods study. The results clearly show the growth and development of the Centre, as well as its achievements in science, if not in commercialisation. The bibliometric review further shows a growth in excellence of the scientific outputs over the period in review, with little evidence of industry interactions.

Supervisor: Prof J Mouton

Faculty of Arts and Social Sciences (Group 1)
Fakulteit Lettere en Sosiale Wetenskappe (Groep 1)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Arts
Magister in die Lettere en Wysbegeerte

Adriaanse, Janique Roché (Psychology)
Anker, Francois De Villiers (Philosophy) *(cum laude)*
Backman-Daniels, Abigail Iris (Philosophy) *(cum laude)*
Baleni, Siphosethu (Philosophy) *(cum laude)*
Blanckenberg, Letanye (Psychology)
Bolnick, Gabriel (Psychology)
Bruce, Robin (Philosophy) *(cum laude)*
Bührmann, Rolien Margarethe (Political Science) *(cum laude)*
Corleis, Viktoria (Psychology) *(cum laude)*
De Villiers, Anna Elizabeth (History) *(cum laude)*
Eckstein, Daniel (Political Science)
Elias, Donné Amber (Psychology) *(cum laude)*
Filtane, Iphendule (Psychology)
Fuzani, Mzwandile (Psychology) *(cum laude)*
Hancke, Petri (Psychology) *(cum laude)*
Janse van Vuuren, Marnus (Psychology) *(cum laude)*
Jonas, Siyasanga (Clinical Psychology)
Le Roux, Jesse Baronne (History) *(cum laude)*
Manuel, Deveney Astrid (History)
Marais, Charl Marius (Philosophy)
Mareka, Reitumetse (Political Science)
Masango, Natsai Nicole (History)
Matthee, Janelle Esmé (Political Science) *(cum laude)*
Mdunyelwa, Charisma Nozuko (Social Anthropology)
Morrison, Christopher James Hamilton (History)
Ndungane, Zwelidumile (Sociology) *(cum laude)*
Neuhoff, Hannah Marielese (Psychology) *(cum laude)*
Pieske, Maya (Psychology)
Rahl-Botha, Faye (Social Anthropology) *(cum laude)*
Rickerts, Caitlin (Sociology)
Robinson, Cassidy Sylvia Rose (Psychology)
Scholtz, Chara Shalomé (History)
Schwegmann, Tayla Ann (Political Science)
Soga, Awonke (Psychology)
Steytler, Mienke Mari (Socio-Informatics)
Stoffberg, Kashiefa (Clinical Psychology)
Swartz, Jesmé Eugenie (Social Anthropology)
Titus, Naylene Thelicia (Political Science)
Van Tonder, Illoïse (Socio-Informatics)
Van Wyk, Francois Jaco (Socio-Informatics)
Vivier, Jacques Mulder (History)
Vorster, Nicola (Political Science) *(cum laude)*
Wagner, Jacques Christopher Antony (Clinical Psychology)

Master of Arts in Public Sociology and Anthropology
Magister in die Lettere en Wysbegeerte in Openbare Sosiologie en Antropologie

Fortuin, Enrico
Luvuno, Ndabuko Banele
Maleka, Skhanyiso Lesedi
Maree, Shannah Ashleigh *(cum laude)*
Naicker, Bavani
Ntaka, Olwethu Mandisa
Scott, Mieschka
Shivambu, Lethinjabulo

Master of Philosophy
Magister in die Wysbegeerte

Acharrie, Asothie (Information and Knowledge Management) *(cum laude)*
Blaauw, Clyde Denovan (Monitoring and Evaluation Methods)
Booys, Mandy (Monitoring and Evaluation Methods)
Britz, Elizabeth (Information and Knowledge Management)
Chasela, Praise (Applied Ethics) *(cum laude)*
Chioreso, Dianah (Monitoring and Evaluation Methods)
Dabangana, Lungile (Monitoring and Evaluation Methods)
Dreyer, Johannes Augustus (Information and Knowledge Management) *(cum laude)*
Hanekom, Sunelle (Science and Technology Studies)
Ilett, Chiara Dianta (Applied Ethics)
Kalaba, Chiyesu Joseph (Applied Ethics)
Kamati, Monika Naapopye (Monitoring and Evaluation Methods)
Kanyika, Brian (Monitoring and Evaluation Methods)
Khaile Ntai, Mpiletso Elizabeth (Monitoring and Evaluation Methods)
Komane, Itumeleng Rahabba (Monitoring and Evaluation Methods)
Kose, Motlatsi Vincent (Monitoring and Evaluation Methods)
Links, Garfield Elias (Monitoring and Evaluation Methods)
Louw, Heindrich De Villiers (Applied Ethics)
Mabela, Mashudu Mary (Monitoring and Evaluation Methods)
Majambe, Shulami (Monitoring and Evaluation Methods)
Maki, Chumani (Monitoring and Evaluation Methods)
Marupen, Samantha-Leigh (Monitoring and Evaluation Methods)
Masekwameng, Baji Linky (Monitoring and Evaluation Methods)
Mavuma, Doreen (Monitoring and Evaluation Methods) *(cum laude)*
Mazibuko, Siphiwe Frank (Science and Technology Studies)

Mbatyazwa, Chemase Nomfundo (Monitoring and Evaluation Methods)
Meintjes, Maria Petronella Elizabeth (Science and Technology Studies) *(cum laude)*
Meyer, Chantelle Heather (Applied Ethics)
Mnyongani, Freddy Duncan (Applied Ethics)
Mobe, Nthabiseng Ntsoaki Eusebia (Monitoring and Evaluation Methods)
Mokoele, Julliet (Science and Technology Studies)
Moshashane, Gosaitse (Information and Knowledge Management)
Mughongora, Oswald Siku (Monitoring and Evaluation Methods)
Murangandi, Fungai (Monitoring and Evaluation Methods)
Ndjarakana, Zanjinganjinga Phistosina (Information and Knowledge Management)
Ndlazi, Chumisa (Science and Technology Studies)
Nyepetsi, Mathabo (Monitoring and Evaluation Methods)
Phiri, Hlupekile (Monitoring and Evaluation Methods) *(cum laude)*
Phoshoko, Abram Nkoana (Monitoring and Evaluation Methods)
Rabie, Babette (Monitoring and Evaluation Methods) *(cum laude)*
Raleting, Thato Joyce (Monitoring and Evaluation Methods)
Ramulifho, Khaukanani Rachel (Monitoring and Evaluation Methods)
Sekano, Nthabiseng (Monitoring and Evaluation Methods)
Tjikuua, Jeaneth (Monitoring and Evaluation Methods)
Tsehlana, Lisebo (Monitoring and Evaluation Methods)
Tshitlho, Puleng Regina (Science and Technology Studies)
Van der Bank, Surè (Applied Ethics)
Zembe, Nellie (Monitoring and Evaluation Methods)
Zondi Mabude, Ayanda Noluthando (Science and Technology Studies)

Bachelor of Arts Honours
Honneurs-Baccalaureus in die Lettere en Wysbegeerte

Badenhorst, Casper Enrique (Philosophy) *(cum laude)*
Bizaare, Amy Danielle (Philosophy) *(cum laude)*
Brown, Olivia Anne (Philosophy)
De Vries, Janie (Philosophy)
Fernandez, Shaneece Tarlia (Psychology)
Hiemstra, Christiaan Johannes (Philosophy) *(cum laude)*
Liebenberg, Stethen David (Philosophy) *(cum laude)*
Lintnaar, Janica Marrily (Philosophy) *(cum laude)*
Matabane, Lesedi (Philosophy)
Middleton, Michael (Philosophy)
Mosia, Thatohatsi (Social Anthropology)
Narodien, Ranaa (Political Science)
Ntshangase, Mongezi Senzelwe Uyamangalisa (Psychology)
Odendaal, Stehan (Philosophy) *(cum laude)*
Orunsolu, Ebunanuoluwa Peace (Psychology)
Reyneke, Isabella (Philosophy) *(cum laude)*
Sangweni, Nolwazi (Philosophy)
Snyder, Arron Leslie (Philosophy)
Van der Riet, Kai-Denni (Philosophy)
Van Heerden, Tessa Andile (Philosophy) *(cum laude)*

Bachelor of Informatics Honours (Information System Management)
Honneurs-Baccalaureus in Informatika (Informasiestelselbestuur)

Fisher, Kyle
Kiley, Sean Rhys
Thupeng, Lehlohonolo

Postgraduate Diploma in Knowledge and Information Systems Management
Nagraadse Diploma in Kennis- en Inligtingstelselbestuur

Leso, Ramasela Violet
Motsomane, Puseletso Tumelo

Postgraduate Diploma in Monitoring and Evaluation
Nagraadse Diploma in Monitering en Evaluering

Arendse, Terry-Lynne
Chirima, Sally
Dlamini, Nolwazi *(cum laude)*
Gomani, Nellie Twatasha
Harvett, Christina
Katenda, Frieda Ndeapo
Lesenya, Ntai Victor
Machete, Mukhethwa Christinah
Magolego, Lebogang Pheladi
Majoro, Lisemelo
Mchunu, Nokukhanya
Mooketsi, Brenda Keatlaretse
Muleka, Tshifhiwa
Ntshwanti, Thandile
Rabolinyane, Mojalefa
Shao, Mampeo Lebohang

Bachelor of Arts
Baccalaureus in die Lettere en Wysbegeerte

Baitz, Maxine
Barnard, Lane
Bester, Tarah
Blignaut, Adelize
Bowman, Annabelle Grace
Bradbury, Cameron
Britten, Helen Zay-Yaan
Buthelezi, Ayanda Angel
Carolus, Arno Hilton
Chabalala, Shila
Chimimba, Vuyelwa Faith Rosalind
Chitundu, Rufaro Cecelia
Cleophas, Tyreez Enrico
Coetzee, Jahndu Leo
Crane, Lara Kent *(cum laude)*
Davids, Lajada Juanique
Davids, Tauhir
Dete, Tafadzwa Francis
Duffy, Chloe Thandiwe
Dyani, Azasakhe
Erasmus, Nikki
Farris, Savannah

Fleming, Ross
Forbes, Thomas Paul
Fortuin, Cleo
Garbaran, Tshwetha
Geldenhuys, Adele
Gom, Unathi
Hammond, Erin
Henderson, Grace Ruth Margaret
Horn, Erin Josephine
Ismail, Aasiyah
Jacobson, Ethan
Jean-Louis, Zoe Anne
Joseph, Liam
Kaseke, Takudzwa Elaine
Kayser, Theresa
Kettleborough, Olivia Grace
Khallouk, Hanaa
Latshana, Sureya
Laubscher, Willem Gerhardus
Lawrence, Kelsey
Layiti, Anda
Lee, Tiffany Candice *(cum laude)*
Lupton-Smith, Erin Margaret
Machinda, Kupakwashe Jeane
Mahlaba, Makhosazana
Makapela, Chulumanco
Makhoba, Duduzile Palesa
Maqashalala, Latitha
Marchant, Paris
Masilela, Happy Lungelo
Mathibela, Mbali Karabo
Mbele, Sandile
Mbutuma, Vuyiswa Noxolo
Methuse, Nikelwa
Meyer, Zoey
Mlobeli, Khanyisile
Mofokeng, Lebogang
Mokoena, Mmapalo
Monyae, Muofhe
Moosa, Tahwidah
Morris, Marshellé Danelene Jolene
Motsitsi, Karabo Sharon
Mouton, Andrea
Mphambo, Solomzi
Mtatase, Alizwa
Muller, Alana
Ncwane, Nokwanda Marcia
Ngcobo, Samkelisiwe Nontuthuko
Ngcongo, Sinethemba Blessing
Nketane, Khensani
Noemdoe-Hanslo, Khanyisile
Nzama, Nicole
Parsons, Rachel
Peters, Nerine Ruth
Pietersen, Nicole
Potterton, Luke
Ramafalo, Kgothatso Pretty
Ramasetla, Letlhohonolo
Robinson, Clementine Victoria *(cum laude)*
Saulez, Alice Gaynor
Scholtz, Bella Aurora
Scott, Nicholas Harry
Shezi, Nqobile
Shozi, Vuyisile Ayanda
Sibande, Mbali
Simon, Mushfiqah
Skakane, Nobuhle
Smit, Simone
Sookool, Danyal
Swart, Zonya
Taberer, Sebastian Alan
Thabethe, Njabulo Thamae
Theron, Lenka
Van der Merwe, Danae
Van Wyk, Rowenian Justine
Venter, Anna Neethling
Verster, Debbie Marietjie
Volkwyn, Kayla
Watson, Joshua
Wenham, Sian Ann
Williams, Christian Barret Saxon
Williams, Tara
Xipu, Sikelelwa
Zwane, Siviwe

HOME PAGE TUISBLAD

forward together
sonke siya phambili
saam vorentoe

Faculty of Arts and Social Sciences (Group 2)

23 March 2026 | 13:00

Fakulteit Lettere en Sosiale Wetenskappe (Groep 2)

23 Maart 2026 | 13:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Chancellor.
	4. Welcome by the Chancellor.
	5. Presentation of candidate for the honorary doctorate and conferment of the degree by the Chancellor.
	6. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Chancellor.
	7. Closing by the Chancellor.
Please stand	8. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Kanselier.
	4. Verwelkoming deur die Kanselier.
	5. Voorstelling van die eredoktorandus en toekenning van die eredoktorsgraad deur die Kanselier.
	6. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Kanselier.
	7. Sluiting deur die Kanselier.
Staan asseblief	8. Akademiese prosessie verlaat die verhoog.

FACULTY OF ARTS AND SOCIAL SCIENCES | FAKULTEIT LETTERE EN SOSIALE WETENSKAPPE

The degree Doctor of Literature (DLitt), *honoris causa*, to
Die graad Doktor in die Letterkunde (DLitt), *honoris causa*, aan

Abdulrazak Gurnah

for his thoughtful and moving exploration of displacement and identity; for giving voice to the experiences of exile and migration through his writing; and for enriching world literature with stories that connect cultures and reveal our shared humanity.

Prof Abdulrazak Gurnah is an internationally acclaimed writer and literary scholar who received the Nobel Prize in Literature in 2021.

Gurnah was born in Zanzibar in 1948. He left for England in 1967 to pursue his education. He was Professor of English and Postcolonial Literatures until his retirement in 2017.

Drawing from personal experiences, his body of work has shaped the understanding of migration, disruption, and memory. His first novel, *Memory of Departure*, was published in 1987. He went on to publish another ten novels, numerous short stories, essays, edited volumes, and scholarly articles.

When awarded the Nobel Prize in Literature, the Swedish Academy praised Gurnah for his "uncompromising and compassionate penetration of the effects of colonialism and the fate of the refugee in the gulf between cultures and continents".

Gurnah has a longstanding relationship with Stellenbosch University. He has been a keynote speaker at several conferences hosted by the Department of English, and his novels have also long been on the reading lists for undergraduate and postgraduate students. He is also a Stellenbosch Institute for Advanced Study (STIAS) Fellow and was in residence at STIAS in 2018 when he was working on his novel *Afterlives*. He recently served on the scientific committee for the Nobel in Africa Symposium in Literature, "Retrieving Pasts, Imagining Futures: Creative Forms in African Writing", that was held at STIAS in November 2025.

vir sy deurdagte en ontroerende verkenning van ontworteling en identiteit; vir die stem wat hy gee aan die ervarings van ballingskap en migrasie deur sy skryfwerk; en vir die verryking van wêreldliteratuur met stories wat kulture verbind en ons gedeelde menslikheid openbaar.

Prof Abdulrazak Gurnah is 'n internasionaal bekroonde skrywer en letterkundige wat in 2021 die Nobelprys vir Letterkunde ontvang het.

Gurnah is in 1948 in Zanzibar gebore. Hy het die eiland in 1967 verlaat om in Engeland te gaan studeer. Hy was tot sy aftrede in 2017 'n professor in Engels en postkoloniale letterkunde.

Deur uit persoonlike ervarings te put het sy oeuvre begrip van migrasie, ontwrigting en herinnering gevorm. Sy eerste roman, *Memory of Departure*, het in 1987 verskyn. Hy het verder tien romans, talle kortverhale, essays, geredigeerde volumes en akademiese artikels gepubliseer.

Toe die Nobelprys vir Letterkunde aan hom toegeken is, het die Sweedse Akademie Gurnah geprys vir sy "kompromislose en deernisvolle deurgronding van die gevolge van kolonialisme en die lot van die vlugteling in die kloof tussen kulture en vastelande".

Gurnah het 'n lang verhouding met die Universiteit Stellenbosch. Hy was 'n hoofspreker by verskeie konferensies wat deur die Departement Engels aangebied is en sy romans is ook lank reeds op die leeslyste vir voorgraadse en nagraadse studente. Hy is ook 'n Stellenbosse Instituut vir Gevorderde Navorsing (STIAS)-genoot en was in 2018 in residensie by STIAS toe hy aan sy roman *Afterlives* gewerk het. Hy het onlangs in die wetenskaplike komitee vir die Nobel in Afrika-simposium in Letterkunde, "Retrieving Pasts, Imagining Futures: Creative Forms in African Writing", gedien wat in November 2025 by STIAS gehou is.

HOME PAGE TUISBLAD

Faculty of Arts and Social Sciences (Group 2)
Fakulteit Lettere en Sosiale Wetenskappe (Groep 2)

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

ALHADEFF, Lara (English Studies)

Perceiving hysteria: representations of the liminal position of Fibromyalgia in unconventional women's narratives

This interdisciplinary study, located at the intersection between life writing, medical humanities and disability studies, reads the liminality of Fibromyalgia Syndrome (FMS) in women's narratives shared through unconventional literary forms. Engaging critically with a dynamic range of texts, the research troubles the silencing of women diagnosed with FMS. Through the cultivation of a theory of curation specific to life writing, the study highlights the potentiality of the literary as a site of visibility for FMS as a lived condition. In developing the concept of "the postchronic-pathography", the research demonstrates how chronic illness narratives can unsettle and challenge "the medical gaze".

Supervisor: Dr L van der Rede

ALUOCH, Fred Okoth (English Studies)

Hydrocolonialism, scarcity, and pollution: reading for water in African fiction

This study uses the lens of water to focus on the way in which African literary narratives represent and critique environmental harm on the continent. As a method of analysis, reading for water traces the sensory, political and agentic power of water and explores its formative influence on African literature. Working with primary texts that depict water in various contexts, including small dams and megadam projects, contaminated waterways and arid landscapes, the study explores the social and political meanings of water, before looking at how inspirited understandings of water can be used to challenge the legacies of hydrocolonialism.

Supervisor: Prof LA Green
Co-supervisor: Dr E Smuts

BISCOMBE, Monique Isabel (Visual Arts)

Confronting the frame: a critical analysis of selected narratives that persist in the Village Museum, Stellenbosch, South Africa, c. 2014-2024

This study concerns the problematic of inclusivity, particularly as it relates to the staged narratives and visual framing that the Stellenbosch Village Museum continues to present. A historical and new museological theoretical framework is used to aid critical consideration of the museum's current displays, which are found to perpetuate a pre-1994 trajectory of exclusivity. The museum struggles to support a balanced societal inclusivity and does not grant equal consideration to all communities in Stellenbosch. The study proposes active and intentional facilitation of inclusive community participation that would shape new narratives of representative relevance and meaning through critical dialogue.

Supervisor: Prof E Gunter, the late Prof E Costandius
Co-supervisor: Prof A Grundlingh

BREDELL, Alésha (Visual Arts)

Towards a restitution of the Afrikaans archive: a praxis

This study employs a decolonial, arts-based methodology to examine the complex history of Afrikaans at Stellenbosch University. Through workshops, campus walkabouts and interviews with artists, poets, writers and musicians whose work reflects marginalised histories of the language – particularly its creole roots – the study examines how artistic practice can confront the colonial legacies of the Afrikaans/Afrikaaps language issue and can contribute to conversations about restitution and justice at the University. While acknowledging the challenges of institutional transformation, the research opens a meaningful space for dialogue and offers new ways of approaching collaborative, decolonial scholarship.

Supervisor: Prof P Gobodo-Madikizela
Co-supervisors: Prof L van Robbroeck, Dr W Verwoerd

DAVIDSON, Timothy (Social Work)

Views of social workers in a designated child protection organisation on their role in environmental social work

Environmental crises, including climate change, disproportionately affect vulnerable communities, particularly children. This groundbreaking instrumental case study is the first to examine social workers' views on their role in environmental social work within a South African child protection organisation. Through reflexive thematic analysis and iterative thematic inquiry, interpreted through the lenses of slow violence and micro disasters, the study finds that social workers already perform roles consistent with environmental social work. However, extensive administrative demands restrict deeper engagement. The findings advocate for enhanced professional education, reduced bureaucratic pressures, strengthened volunteer networks, environmental leadership and collaborative research to advance environmentally responsive child protection practice.

Supervisor: Prof LK Engelbrecht
Co-supervisor: Prof R Ferreira (*external*)

DE KOCK, Elma (Vertaling)

'n Deskriptiewe analise van die Afrikaanse kerklied as intersemiotiese multimediale vertaalproduk

Hierdie studie onderneem 'n beskrywende en vergelykende ondersoek na die vertaling van die Afrikaanse kerklied as 'n multimediale produk, met ander woorde met inagneming van sowel die liriek (teks) as die musieknotasie. Veertien kerkliedere uit die *Liedboek van die Kerk* word ontleed, van die eerste vertalings uit Nederlands of Duits tot latere Afrikaanse hervertalings. Die vertalings van 1931 en 1944 bly getrou aan die brontekste, wat soms onnatuurlike en minder verstaanbare Afrikaans tot gevolg het. Die latere weergawes van 1978 en 2001 is vryer vertalings wat meer op die doeltaalgebruikers fokus. Hierdie weergawes is ook minder formeel en nader aan gesprekstaal, wat dit vir lidmate makliker maak om te verstaan en te sing.

Promotor: Prof AE Feinauer

GABRIELS, Carmen Allison Pamela (Translation)

The accessibility of English academic texts that were rewritten in plain language and according to document design principles: a Stellenbosch University case study

This study investigates Stellenbosch University students' engagement with academic English texts and explores strategies to address comprehension challenges. Although English is widely accepted and often preferred as the language of instruction, this can obscure how language continues to reproduce educational inequality. The findings indicate that many students possess basic communicative skills in English, but struggle with the cognitive academic language proficiency required for complex academic discourse. To improve accessibility, the study proposes the intralingual translation of academic English into plain language, supported by effective document design. Such adaptations can produce clearer academic texts while maintaining disciplinary conventions, accuracy, and the intellectual integrity of the content.

Supervisor: Dr A Marais

GEORGE, Erica Bernidine (General Linguistics)

Multilingual medical communication: staff with different language repertories in an intensive care environment

This sociolinguistic study investigates multilingual communication among intensive care staff in a private hospital, in a context affected by global nursing migration and skills shortages. Using a qualitative, multi-methods research design, the study demonstrates how pivotal language is in shaping workplace relationships. Although institutional policies mandate a monolingual English-only stance, registered multilingual nurses with Afrikaans and isiXhosa as well as Malayalam and Kannada as their first languages report pragmatically managing their diverse linguistic-cultural identities.

The findings suggest routes towards developing policy and practice-based strategies to cultivate a communicative environment that accommodates diversity, which can enable optimal workplace collaboration.

Supervisor: Prof C Anthonissen

GÖTZE, Ancheri (Afrikaans en Nederlands)

Die ontwerp van 'n teoreties begronde model vir 'n mobiele toepassing vir Afrikaanse sinsbou: 'n gevallestudie met graad 11-Afrikaans Eerste Addisonele Taalleerders

Hierdie studie ondersoek die ontwerp van 'n teoreties begronde toepassingsmodel wat daarop gemik is om ondersteuning te bied vir Afrikaans Eerste Addisionele Taal- (EAT-)leerders. Die toepassingsmodel fokus op Afrikaanse sinstrukture en oorbrug sodoende 'n leemte in Afrikaans EAT-hulpbronne deur die voorsiening van 'n mobiele toep wat op die aanleer en begrip van sinstrukture konsentreer. Die toep, *Dit maak sin*, is deur graad 11-leerders geëvalueer, wat dit as gebruikersvriendelik en boeiend ervaar het, sowel as bruikbaar en nuttig vir die inoefening van Afrikaanse sinstrukture. Die studie bied 'n model wat tot 'n volwaardige opvoedkundige hulpbron vir Afrikaans EAT-sinsbou-onderrig ontwikkel kan word.

Promotor: Dr E Adendorff

JACOBS, Danyschka Ania Werner (Social Work)

An exploration of barriers that women experience when seeking addiction treatment services in the Western Cape

This study uses a biopsychosocial and human rights lens to explore women's challenges in accessing addiction treatment. It finds that women experience multiple biological, psychological, social, structural and systemic barriers, limiting their access to treatment. Existing addiction treatment services are often insensitive to women's lived realities regarding trauma, stigma, caregiving responsibilities and poverty, thereby compromising their rights to appropriate addiction care. The study recommends that these services be reconceptualised as gender-responsive, that social work training in addiction be strengthened, that women's voices be incorporated into programme development, and that policy reforms recognising addiction care as a fundamental human right be implemented.

Supervisor: Dr I Slabbert

JACOBS, Erika (Music)

Artistic voice in music performance as/and complex thinking

This study reconceptualises artistic voice in music performance as a mode of complex thinking. Drawing on Edgar Morin's theory of "general complexity" and post-metaphysical philosophy, it argues that performance is not merely interpretative execution, but a form of embodied knowledge-making. Voice is approached as both origin and limit concept: a disruptive, generative force through which the self and the world are reciprocally formed. By situating artistic practice within emergence, antagonism and uncertainty, the study proposes performance as philosophical praxis. It offers a new morphology of artistic expression in which creative action enacts transformation, ethical awareness and the continual re-formation of meaning.

Supervisor: Prof SJvZ Muller

JOSEPH, Debora (Social Work)

Supporting social work supervisors through coaching with compassion: the potential use of intentional change theory (ICT)

This pioneering study empirically identifies the principal challenges faced by social work supervisors and examines the feasibility of instituting coaching with compassion as a structured form of support. Through qualitative thematic analysis, informed by complexity theory, the research reveals that supervisors operate within a welfare system characterised by a sustained polycrisis, which perpetuates anxiety and professional strain. The findings propose the application of intentional change theory as a neuroscience-informed coaching model that promotes compassion rather than mere compliance. Such an approach may cultivate the cognitive and emotional conditions necessary to restore purpose within South Africa's demanding social work context.

Supervisor: Prof LK Engelbrecht

KAUKI, Boniface Gerald (Geography and Environmental Studies)

Adoption of climate-smart agriculture in the peri-urban small towns of Kibaigwa and Dumila, Tanzania

Peri-urban agriculture (PUA) is increasingly threatened by urbanisation and climate change, heightening food insecurity. This study examines the adoption of climate-smart agriculture (CSA) in two Tanzanian towns, using mixed methods. Findings, interpreted through Diffusion-of-Innovation theory, reveal that farmers are in the early adopter and early majority stages, with rapid uptake driven by training exposure. While CSA enhances social and economic sustainability, environmental performance is weaker due to emissions and chemical inputs. Despite policy gaps and cost barriers, CSA holds strong potential for resilient PUA, but wider adoption requires improved policy support, awareness, and practical implementation strategies.

Supervisor: Prof SE Donaldson

MATROOS, Allison Michaela (Afrikaans en Nederlands)

'n Geïntegreerde taakgebaseerde benadering tot die gebruik van kortverhale en gedigte as taalaanleerhulpmiddel vir tweedetaalstudente

Hierdie studie gebruik die konstruktivistiese raamwerk en die geïntegreerde benadering vir die ontwerp van taak-gebaseerde lesse wat kortverhale en gedigte inspan as taalaanleerhulpmiddel vir studente in die module Afrikaanse Taalaanleer 189 in die Departement Afrikaans en Nederlands aan die Universiteit Stellenbosch. Die einddoel van die lesse is om tweedetaalstudente se makrovaardighede in Afrikaans te bevorder. In teenstelling met tradisionele benaderings wat literatuur vir die doel van literêre ontleding gebruik, bied die studie 'n nuwe perspektief wat die literêre teks herposisioneer as 'n taalonderrigmiddel vir taalpraktyk en interaksie. Die bydrae van die studie sluit in lesse en riglyne vir taalaanbieders van Tweedetaalafrikaans.

Promotor: Dr E Adendorff

MEYER, Marlene Anchen (Ancient Cultures)

An Iconographical Study of the *Sema Tawy* Motif in Ancient Egypt, and its use in Southwest Asia from ca. 3000 BCE – 400 CE

This study catalogues 285 Egyptian and 15 Southwest Asian objects to trace the style and iconography of the *sema tawy* motif, which symbolises the unification of Upper and Lower Egypt. The motif was depicted on the thrones of pharaohs, queens and deities, as well as on podiums, amulets, and as an offering. In the Early Dynastic Period, it symbolised unification. In the Old and Middle Kingdoms, it symbolised power over the Two Lands, while in the New Kingdom, it signified power over the four cardinal directions. In the Late Period, the motif was offered to the gods. In Southwest Asia, it was a decorative motif.

Supervisor: Dr RM van Dijk-Coombes
Co-supervisor: Prof I Cornelius

MULLER, Louise-Mari (Ancient Languages)

Scenes of departure: women on desire and responsibility in Homer, Vergil, and Elisabeth Eybers

This study examines the roles of women in scenes of arrival, abidance and departure in Homer's *Iliad* and *Odyssey*, and Vergil's *Aeneid*, arguing for a new structural framework, namely the approach and entreaty type scene. Furthermore, an analysis of poems from Elisabeth Eybers' oeuvre reveals that they reflect various thematic and structural elements from these epics. The research illustrates how a parallel reading of these works offers significant reciprocal insight into both the ancient and modern poems. One of the key findings is that scenes of departure in epic literature are not monuments to women's passivity, but narrative moments that display women's agency.

Supervisor: Dr A de Villiers

NCUBE, Susisizungu (Social Work)

The state of foster care services: perspectives of designated child protection social workers at NGOs in Johannesburg

This qualitative study explores and analyses the application of the developmental social welfare approach in foster care services. It reveals that non-governmental organisations (NGOs) continue to face persistent systemic challenges, highlighting a foster care programme that is inadequate in delivering comprehensive services aligned with the developmental policy. To achieve alignment, government must assume a proactive role in delivering services that address both the immediate protection needs of children, and broader socioeconomic, educational and psychosocial factors supporting long-term developmental outcomes. To translate policy into effective practice, adequate funding, integrated service delivery and capacity-building in the social work sector must be ensured.

Supervisor: Prof M Strydom

RYKLIEF, Elana Leah (English Studies)

Trans-ing: a transwoman's story beyond transnormative life writing

Bringing transgender theory into dialogue with auto-ethnography, this study reconfigures facile misunderstandings of transwomen's lives and representation. The research mobilises Hil Malatino's concept of transgender identity as processual trans-ing, rather than linear teleology or binarised 'before' versus 'after' surgery. Using literary-critical analysis as well as Marlene Kadar's idea of the 'autobiographical trace', the study innovatively inflects personal experience with commentary on both published South African trans memoirs and anecdotal, more often erased accounts of precarious trans lives. The unusual form of the study embodies its argument, disrupting established boundaries of gender expression and generic life writing assumptions.

Supervisor: Prof SA Murray
Co-supervisor: Prof M Slabbert

SHIYOKA, Selma (English Studies)

Precarity and resilience: an ecofeminist reading of the African child in fiction by contemporary women writers

This groundbreaking study redresses the neglect of the African child in ecofeminist theory by focusing on fiction by women writers from the continent which foregrounds children's experience of precarity in relation to the slow violence perpetuated by legacies of extractivist colonialism and neocolonialism. These novels surface an ecofeminist ethics of social and environmental justice and care, centring the child as most vulnerable, yet potentially resilient as figure of resistance and hope. The selected novels expand the ambit of ecofeminism to include African environmental realities and crises by privileging the lives and voices of African children who must navigate devastated worlds.

Supervisor: Dr J Ellis

STEYL, Marian (Musiek)

Liturgiese orrelmusiek deur Suid-Afrikaanse komponiste as aanvullende pedagogiese materiaal in die elementêre fase van orrelonderrig

Hierdie studie ondersoek die rol van Suid-Afrikaanse liturgiese orrelmusiek as aanvullende pedagogiese repertorium in elementêre orrelopleiding. In die konteks van navorsing oor kulturele relevansie en leerdermotivering word daar geargumenteer dat musiek waarmee leerders kultureel identifiseer verhoogde betrokkenheid en betekenisvolle leer kan bevorder. Die studie ontwikkel 'n pedagogiese raamwerk vir die aanvangsfase van orrelopleiding op grond van internasionale orrelmetodes en kernaspekte van orreltegniek en uitvoeringspraktyk. Werke deur Suid-Afrikaanse komponiste, wat gegrond is op bekende liturgiese melodieë, word dan ontleed vir hulle pedagogiese potensiaal. Die bevindinge bevestig hierdie repertorium as betekenisvolle, motiverende en tegnies geskikte materiaal wat 'n waardevolle bydrae tot Suid-Afrikaanse orrelpedagogiek kan lewer.

Promotor: Prof MD Nell

TLHOAELE, Boitumelo (Visual Arts)

The Jabulani Amphitheatre: a history of a place through archive, fragments, sounds

This study reconstructs the cultural and musical history of Soweto's Jabulani Amphitheatre, a site central to Black performance culture in the 1970s and 1980s, yet largely excluded from South Africa's historical canon. Using digital historiography in dialogue with curatorial and archival theory, the study develops a curated website as both a method and an outcome. Drawing on repositories such as *The World* Newspaper Archive, the *Rand Daily Mail* Archive and the Hidden Years Music Archive, it works critically with archival gaps and fragments to reinscribe the amphitheatre into public memory, offering an innovative model for writing music history through digital and curatorial practice.

Supervisor: Prof SJvZ Muller
Co-supervisor: Prof N Makhubu

VAN EEDEN, Marguerite (Drama and Theatre Studies)

Investigating contemporary social commentary in South African performance: theatre, stand-up comedy, rap and visual performance

This study examines how contemporary South African performance forms operate as social commentary in the post-apartheid context. It analyses four artistic domains, namely theatre (Mike van Graan), stand-up comedy (Schalk Bezuidenhout), rap music (Angie Oeh, Early B and Van Pletzen) and visual/performance art (Berni Searle, Brett Murray and Steven Cohen). Through analysis of performances, texts and their sociopolitical contexts, the research illustrates how these artists engage with questions of identity, inequality, memory and democratic tension. Drawing on performance theory and cultural analysis, the study argues that performance functions as a critical space through which artists challenge dominant narratives in contemporary South African society.

Supervisor: Prof P du Preez

Faculty of Arts and Social Sciences (Group 2)
Fakulteit Lettere en Sosiale Wetenskappe (Groep 2)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Arts
Magister in die Lettere en Wysbegeerte

Adams, Stacey (General Linguistics) *(cum laude)*
Barnard, Marle-Zanne (Afrikaans and Dutch) *(cum laude)*
Bell, Nina Anna (English Studies)
Brand, Christiaan (Ancient Languages) *(cum laude)*
Bruwer, Frances Charlize (Drama and Theatre Studies) *(cum laude)*
Cele, Andile Judith (English Studies)
Cronje, Clarissa (Geography and Environmental Studies)
Du Plessis, Tristan Reece (General Linguistics)
Erasmus, Gert Herman (Intercultural Communication)
Gammon, Hana Nel (English Studies) *(cum laude)*
Hall, Jessica (General Linguistics)
Harmse, Natasha (Creative Writing)
Hickinbotham, Bryn (Geography and Environmental Studies) *(cum laude)*
Hilliard-Lomas, Caitlyn (Journalism)
Hoek, Sarah Ruth (Journalism)
Ismail, Shakeelah (Visual Studies) *(cum laude)*
Kleinhans, Louise-Mari (General Linguistics)
Magadzire, Nobuhle Tadiwanashe (Journalism)
Mandaha, Rilinde Reginah (African Languages)
Mashala, Gontse Godfrey (General Linguistics)
Molele, Mmatlou Annett (Geography and Environmental Studies)
Moller, Olivia Katelyn (Ancient Languages)
Ngamlana, Lukhanyo (African Languages) *(cum laude)*
Plaatjies, Donique (Afrikaans and Dutch) *(cum laude)*
Steinberg, Cecilia Johanna (Creative Writing) *(cum laude)*
Strydom, Jaime (Geography and Environmental Studies)
Thaathaa, Likhapha (Journalism)
Tshetu, Zenande (African Languages) *(cum laude)*
Van Rooyen, Vihann (Drama and Theatre Studies) *(cum laude)*
Van Zyl, Esmalet (General Linguistics) *(cum laude)*

Master of Philosophy
Magister in die Wysbegeerte

Laloux, Dylan (Disaster Risk Science and Development)
Luswazi, Siyabonga Graduate (Disaster Risk Science and Development)
Luthango, Lonwabo (Disaster Risk Science and Development)
Mahoto, Mercy Kahundu (Disaster Risk Science and Development)
Neerunjun, Henna Helvina (Disaster Risk Science and Development)
Tshishonga, Ndimuhulu (Disaster Risk Science and Development)

Master of Social Work
Magister in Maatskaplike Werk

Daniels, Amy-Lee
Drinkrow-Grobler, Gerhardus Hendricus *(cum laude)*
Du Toit, Carisa
Kimber, Carmen Develine
Mmile, Hellen Keyagae *(cum laude)*
Van der Bergh, Keya

Master of Music
Magister in die Musiek

Cronje, Armin *(cum laude)*
Dalton, Owen *(cum laude)*
Donson, Carin Collette *(cum laude)*
Grayer, Fiona Marian *(cum laude)*
Leonard, John
Oosthuizen, Adriaan Desmond *(cum laude)*

Master of Arts in Visual Arts
Magister in die Lettere en Wysbegeerte in Visuele Kunste

Boshoff, Kristy
Du Plessis, Mia

Bachelor of Arts Honours
Honneurs-Baccalaureus in die Lettere en Wysbegeerte

Abrahams, Hannah (Journalism)
Afrika, Wyatt Ralph (Drama and Theatre Studies) *(cum laude)*
Allie, Iman (Journalism)
Anthony, Casey-Lee (Journalism)
Bam, Buhle Hombakazi Princess (Journalism)
Botha, Daniela Kerry (Journalism)
Couto, Tatum Helena (English Studies)
Donson, Reid (Journalism) *(cum laude)*
Erasmus, Kobus (Journalism)
Faul, Magdalena Maria (Ancient Languages)
Goodyer, Layla Jayden (English Studies)
Gouws, Michelle (Ancient Cultures)
Hess, Melissa Amy (Visual Studies)
Holtrop, Elina (Ancient Cultures)
Hornea, Irina Carina (French) *(cum laude)*
Kandanga, Uendjizuvira (Journalism)
Koekemoer, Jeanne-Marie (Drama and Theatre Studies) *(cum laude)*
Lahana, Mila (Visual Studies) *(cum laude)*
Laing, Kyla (Journalism)
Mabena, Lantisana Masego (Visual Studies)
Mahlangu, Onthatile Patricia (Journalism)
Mdala, Osamu Hlomla (Journalism)

Miya, Waratwa Zanokuhle (Visual Studies)
Moorgas, Jared Gabriel (Journalism)
Morulane, Imologang (Visual Studies) *(cum laude)*
Mxutu, Zukhanye (Chinese) *(cum laude)*
Myburgh, Sebastian (Ancient Cultures)
Naidoo, Nashlen Christopher (Journalism)
Nkosi, Nkosingiphile Ntombiyenkosi (English Studies)
Norval, Lienke (Journalism) *(cum laude)*
Pearce, Keisha Elizabeth (English Studies)
Phillips, Nadyah (English Studies)
Phungo, Lufuno Aubrey (Journalism)
Pool, Maysoon (Chinese) *(cum laude)*
Pretorius, Kechia Leigh (General Linguistics)
Sabela, Nelisa Enzokuhle (Journalism)
Schaafsma, Danielle (Journalism)
Schoonraad, Marise (Journalism)
Shemane, Motlotlo (African Languages)
Simpson, Chelsea Dionne (Chinese) *(cum laude)*
Spies, Anke (Journalism)
Swart, Nadia Alexa (Journalism)
Syfert, Anja (Chinese)
Thomaidis, Annemieke Catherine (Journalism) *(cum laude)*
Tlou, Lelethu (General Linguistics)
Tshabalala, Kuhle Rebaone (Journalism)
Tshauambea, Tendani Brian (English Studies)
Uys, Lafras Johan (General Linguistics)
Van Zyl, Anja (Journalism)
Wales, Kiara Anne (Journalism)
Weich, Hellmuth (Ancient Languages)
Yaga, Lihle (African Languages)

Bachelor of Music Honours
Honneurs-Baccalaureus in Musiek

Abrahams, Amber Alicia *(cum laude)*
Bell, Usher Christiaan *(cum laude)*
Britz, Johannes Francois *(cum laude)*
Burger, Phebe *(cum laude)*
Constable, Cody James *(cum laude)*
Hurst, Ryan John *(cum laude)*
Mbukwana, Khanyisile
Pentz, Christine
Tseng, Ying-Shan
Van Niekerk, Christine *(cum laude)*

Bachelor of Arts
Baccalaureus in die Lettere en Wysbegeerte

Barnard, Danielle
Blaauw, Jenna Elizabeth
Britton, Taylor
Burczak, Josephine Elizabeth
Burnett, Amy
Castle, Rachel
Coetzee, Cara
Colquhoun, Tayla
Cridland, Jordan Raphael
Dichabe, Keamogetse Elizabeth
Du Preez, Danielle
Edwards, Indigo Joy
Fage, Oliver Thomas
Ferguson-Brown, Cameron
Fick, Coenraad Lourens
Grobler, Deonell
Haak, Leyla
Hartney, William Jarryd
Hassiem, Amaan
Helm, Zoë
Hendricks, Reece
Hendricks, Zekha
Hitchings, James Fyfe
Hlongwane, Siphokazi Thandolwami
Hoole, Cody
Jordaan, Gabriella
Khwabe, Asanda Keitumetse
Langenhoven, Jordan Sarah
Lotz, Shanti
Lucas, Victoria Kimberley
Mahoney, Luche
Mason, Thomas
Mateke, Odwa
Mcoyana, Abusisiwe Ayakha
Mdingi, Sivenati
Mhlongo, Mbalenhle Nokubonga
Mokwena, Nomthandazo Elove
Mosito, Katlego
Mshengu, Sethu Lindelani
Mtsweni, Siphosethu Andisiwe
Mulaisho, Choolwe
Nieuwoudt, Lisa
Njukuya, Tanatswa Aliscia Jocylyn
Ortell, Nathan
Padayachy, Niroshen
Patterson, Ronan Lee
Pearson, Regan
Pentz, Chloe
Peters, Nicole Sinalo
Phillips, Aneesha Anchanay
Pretorius, Danielle
Rice, Emma Elizabeth
Richard, Phoebe Jane
Roets, Dylan Dawid
Serrano, Isabella Raquel
Shange, Slindokuhle
Sigcu, Athule *(cum laude)*
Skosana, Siphesihle
Smit, Mea Susannah
Snyders, Zagrah *(cum laude)*
Solomons, Jessie Ursula
Songore, Rufaro Angela
Sullivan, Francesca Willow
Swart, Sanet
Tsetswa, Avuyile
Vermaak, John
Viljoen, Ankia
Webber, Simon Lane
Willmott, Mia
Zondi, Aveleawethu
Zulu, Abongile
Zuma, Anelisa Sibonga

Bachelor of Social Work
Baccalaureus in Maatskaplike Werk

Gobingca, Azipheli
Manqoyi, Mihlaliyethu
Marshall, Carleigh
Mngxuma, Makazole
Muggels, Jemimah Amber
Ndyumbu, Ikhona

Bachelor of Music
Baccalaureus in die Musiek

Albertus, Kerwin *(cum laude)*
Moag, Cayla
Nako, Thato
Wolmarans, Lehandre

Bachelor of Arts in Visual Arts
Baccalaureus in die Lettere en Wysbegeerte in Visuele Kunste

De Does, Anika
Fourie, Jodi

Diploma in Practical Music
Diploma in Praktiese Musiek

Talmarkes, Tara Raylene

Higher Certificate in Music
Hoër Sertifikaat in Musiek

Coert, Chad Jason
Damon, Zohar
Sefatsa, Dineo
Thyssen, Keesha
Watt, Jordan-Lee
Williams, Chandler James

forward together
sonke siya phambili
saam vorentoe

FACULTIES

Law • Military Science

24 March 2026 | 09:00

FAKULTEITE

Regsgeleerdheid • Krygskunde

24 Maart 2026 | 09:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Deputy Vice-Chancellor.
	4. Welcome by the Deputy Vice-Chancellor.
	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Deputy Vice-Chancellor.
	6. Closing by the Deputy Vice-Chancellor.
Please stand	7. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Viserektor.
	4. Verwelkoming deur die Viserektor.
	5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Viserektor.
	6. Sluiting deur die Viserektor.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

DOCTOR OF LAWS
DOKTOR IN DIE REGTE

CACHALIA, Raisa Nonsikelelu (Public Law)

Towards an integrated model for the judicial regulation of state contracts in South Africa

South African law should recognise "state contracts" as a distinct legal category that is subject to both public and private law simultaneously, reflecting the state's constitutionally defined character. The prevailing approach, which classifies conduct as either public or private, is unstable and formalistic, since all state action is inherently public. In its place, this study puts forward five substantive organising principles: mixed regulation, presumptive inequality, the public interest, external impact, and state identity. These inform an integrated, state-centred model in terms of which courts can develop existing doctrine in relation to state contracts in a responsive yet disciplined manner.

Supervisor: Prof G Quinot

MURRAY, Ruda (Mercantile Law)

Conferring rights to South Africa's rivers: Improved protection and enforcement? A comparative law study

South Africa's rivers are increasingly strained by abstraction, pollution, infrastructure expansion, and climate variability. Existing regulatory frameworks have struggled to prevent ecological degradation or ensure effective enforcement. This study examines whether conferring legal personhood and rights upon rivers could enhance protection, accountability, and governance. Through comparative analysis of river rights regimes in Ecuador, Colombia, New Zealand, Canada, India, and Bangladesh, the research evaluates their strengths and limitations. It then assesses the constitutional and institutional feasibility of adopting an incremental, provincially grounded River Rights model within South Africa's multilevel governance system. Ultimately, the study proposes a context-sensitive framework designed to improve ecological integrity and enforcement outcomes.

Supervisor: Prof OC Ruppel

VAN DER MERWE, Anton (Public Law)

The jurisprudence of Nelson Mandela: a testament to dignity

Nelson Mandela's life and thought were profoundly shaped by his encounters with law; however, no comprehensive analysis of his jurisprudence exists. This study advances the thesis that Mandela's jurisprudence was a testament to dignity; a real-world example of the theory that "integrity in law is, ultimately, fidelity to dignity". Specifically, the study posits that Mandela's worldview invoked a political morality of equality, freedom and democracy that can, illuminatingly, be translated into an idealised Kantian-like discourse on human dignity that reveals a Dworkinian jurisprudential orientation centred around the nature of justice, the rule of law, and human rights.

Supervisor: Prof H Botha

HOME PAGE TUISBLAD

Faculty of Law | Fakulteit Regsgeleerdheid

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Laws
Magister in die Regsgeleerdheid

Amunyela, Ndangi Eliphas Shoopala
Beisheim-Basson, Anna Elizabeth
Burger, Bianca
Chappel, Hannah Lucia
Mkhize, Nobusi
Moletsane, Kelebogile
Muruko, Georgene Hope Ama-Disa
Ndevu, Asanele
Ngcobo, Kwanele Eugene
O'Donoghue, Michaela
Scheffers, Norraine Arhoda
Schoombee, Nicholas Francois
September, Gideon William
Swart, Hannes Julian *(cum laude)*
Tsikira, Tatenda Prudence
Van Zyl, Mia *(cum laude)*

Master of Laws in Alternative Dispute Resolution
Magister in die Regsgeleerdheid in Alternatiewe Geskilbeslegting

Landman, Scott Michael

Master of Laws in Public Procurement Policy and Regulation
Magister in die Staatsverkrygingsreg en -regulering

Capa, Yolisa
Dinokopila, Bonolo Ramadi
Dube, Samukelisiwe
Groenewoud, Michaela Rosemarie *(cum laude)*
Makgoka, Mamonki Ayanda
Makola, Thulelo
Matiso, Lwanga
Mohapeloa, Morakane Christina
Mongwaketse, Dineo Innocentia
Motsi, Munashe David *(cum laude)*
Mpondi, Nyambedzano Khangwelo
Mthembu, Phumelele
Musarurwa, Tazorora Takunda Goto
Namate, Kabo France
Ngcobo, Kwanele Eugene
Setlhabi, Karabo Justice
Swart, Joshua Nickolas

Postgraduate Diploma in Public Procurement Policy and Regulation
Nagraadse Diploma in Staatsverkrygingsbeleid en -regulering

Kandjavera, Ivy Kaningandu
Mabaso, Goitsimang
Xolo, Xolani Michael

Bachelor of Laws
Baccalaureus in die Regsgeleerdheid

Adendorff, Mia Sarah
Alberts, Ila
Ashraff, Naeem
Briton, Georgia
Brits, Charne
Bruce, Catherine Anne
Burnell, Tristan Daniel
Cairncross, Taahir Jaheam
Carvalhaes, Nicklas
Ceke, Abulele
Coetzee, Raeecha Janap
Curtis, Anakin Reece
De Kock, Chléo
Del Cuore, Hannah Paige
Del Fava, Aqinnah Alexia
Du Preez, James Warwick
Du Preez, Stephanus
Du Toit, Ilzebé
Duraan, Johanna Dawn *(cum laude)*
Fearnhead, Jessica Whitney
Gaca, Natalia
Giuricich, Sasha
Goche, Nicola Tariro
Govender, Nadia Mikayla
Groenemeyer, Jade Cara
Grootboom, Romantha
Harmse, Ilse
Hlatshwayo, Joy Mbalenhle
Hugo, Alexi
Huysamer, Yvonne Sunette
Jarvie, Olivia Jane
Jeptha, Brittney Danielle
Kelly, Caitlin Julia
Khan, Nabeel Yaseen
Kline, Kian Matthew
Kok, Danel
Lackay, Dylan
Maisha, Mia Mukuna
Malan, Andri
Manyifolo, Sibabalwe
Marks, Gina Anne
Masikati, Tanaya Tabeth

Matthee, Thana
Mboweni, Vutomi Sandra
Mohamed, Hussain
Moloi, Sanelisiwe Sthabile
Muller, Caroline Bianca
Ndengu, Tasimba
Ndobora, Aisha-Faku
Ngozu, Unootjari Jewel Naiera Ngozu
Ngwenya, Malaika
Papaikonomou, Christina Natalia
Pieters, Ewan Deano
Post, Nicholas
Raubenheimer, Emily
Roberts, Riandi
Seggie, Kieran Michael
Stoffels, Robynn Erin
Truter, Gisela
Valkin, Jonathan Liam
Van der Merwe, Andriea
Van Schalkwyk, Jamie
Van Wyk, Bea
Vinqi, Sposethu
Visser, Johannes Jacobus
Walsh, Caris Lauren Myfanwy
Werth, Isabel Clara
White, Hayley Nicole
Wyatt, James Michael

Bachelor of Accounting and Bachelor of Laws
Baccalaureus in Rekeningkunde en Baccalaureus in die Regsgeleerdheid

Bieseman, Guido Peter Karl
Fourie, Nina
Gous, Janu Fakculyn
Naidu, Mishka
Naude, Johannes Hendrik Janco
Nel, Marcus
Van der Westhuizen, Henri Burger
Van Zyl, Marné

Faculty of Military Science | Fakulteit Krygskunde

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Philosophy in Defence Studies
Magister in die Wysbegeerte in Verdedigingstudie

Morobane, Rebecca Mmamokgethi

Master of Military Science
Magister in die Krygskunde

Mathoho, Mashudu (Military Geography) *(cum laude)*
Mukwevho, Khathutshelo (Strategic Studies)
Ntentesa, Themba (Security and Africa Studies)
Nyembe, Sipokuhle (Military Geography) *(cum laude)*
Sikupela, Siwisa (Organisation and Resource Management)

Bachelor of Military Science Honours
Honneurs-Baccalaureus in die Krygskunde

Mataboge, Rebecca Feikie Kearabetswe (Industrial Psychology)
Matlawe, Lucia Kelebogile (Industrial Psychology)

Bachelor of Military Science
Baccalaureus in die Krygskunde

Bouwer, Kaylin Taylor
Mabasa, Thabelo Kevin
Ramokoena, Lehlohonolo Tiisetso
Zulu, Sphesihle Charity

Bachelor of Military Science in Defence Intelligence Studies
Baccalaureus in die Krygskunde in Verdedigingsintelligensiestudies

Mbana, Unathi
Molatowagae, Lesego Abel
Stoto, Siviwe Sinentsika Sokoyama

Faculty of Science

24 March 2026 | 13:00

Fakulteit Natuurwetenskappe

24 Maart 2026 | 13:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Deputy Vice-Chancellor.
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	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Deputy Vice-Chancellor.
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	6. Sluiting deur die Viserektor.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

Faculty of Science
Fakulteit Natuurwetenskappe

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

ATALAYE, Joseph (Mathematics)

Exploring the multiplicative structure of Z/nZ

This study explores the multiplicative behaviour of modular number systems, treating them as monoids rather than traditional rings. By examining how these systems map to one another, the specific group of symmetries that preserve their structure is identified. A central finding shows that the automorphism group of a prime power system can be written as a semidirect product of a group of units and a specialised subgroup of "liftable" symmetries that remain consistent across smaller scales. Finally, the work proves that for the general case, the automorphism group always decomposes into a product of the automorphism groups of the prime power factors.

Supervisor: Prof S Marques
Co-supervisor: Dr L Baker

BECKER, Frederik Willem (Botany)

Assessment of the genetic architecture of tristyly in *Oxalis obtusa Jacq.*

Oxalis includes over 200 species in the Cape Flora, but the evolutionary processes underpinning this diversity remain unknown. *Oxalis* species produce three morphologically different flowers, mostly to promote cross-fertilisation. This has fascinated scientists for centuries, although the causal genetic architecture controlling this system has not been described. Assembling the first genomes of five South African *Oxalis* species provided insight into the diversification and reproduction of the genus. Results confirm that whole-genome duplication events did not facilitate *Oxalis* diversification in the Cape. The genomes also enable the location and characterisation of genome regions responsible for the unique reproduction system in this genus.

Supervisor: Prof LL Dreyer
Co-supervisor: Dr KC Oberlander

BESSINGER, Maria Magaretha Magdalena (Geoinformatics)

Improving the spatio-temporal characterisation of South Africa's dynamic coastal zone, using hyper-temporal satellite imagery

Coastal zones are diverse, productive ecosystems, but pressured by urbanisation, industry, exploitation and climate change. Their effective management is frequently hindered by limited up-to-date data. To address this gap, this study develops cloud-based remote-sensing methods for delineating and classifying coastal ecosystem boundaries in South Africa and detecting long-term change over the past 30 years. The research reveals biogeographical patterns and changes as a result of urban growth, mining, shoreline shifts, dune mobility and climate-driven vegetation changes. These findings support coastal management and spatial planning efforts. The approaches developed provide valuable tools for effective adaptive coastal planning, climate adaptation and management.

Supervisor: Dr M Lück-Vogel
Co-supervisors: Prof AL Skowno *(external)*, Dr F Conrad (*external*)

BESTER, Siann (Physics)

A feasibility study on the implementation of unsharp quantum measurements on trapped 171Yb and 174Yb ions

This study investigates unsharp measurements, which enable tracking of a quantum system's state, to determine the feasibility of experimental implementation to trapped ytterbium ions. Single unsharp measurements are simulated using realistic experimental parameters, including spontaneous decay processes, to identify the relevant timescales of the dynamics that can be studied. The simulation is then extended to an ion undergoing Rabi oscillations, probed by a sequence of unsharp measurements. The dynamics can be tracked using a state estimation scheme informed solely by the measurement outcomes, and a robust convergence scheme that does not require knowledge of the true qubit state. This enables experimental applicability.

Supervisor: Dr CM Steenkamp
Co-supervisors: Dr NJ Matjelo *(external)*, Prof MS Tame

BOTHA, Petro (Zoology)

Vegetation responses and diet following eland reintroduction into Cape Flats Dune Strandveld: a rewilding case study

By the 1800s, all large herbivores had been hunted to extinction in the Western Cape, potentially altering the vegetation structure in those habitats. This study examines how the reintroduction of eland into Rondevlei Nature Reserve shaped the vegetation dynamics of the Cape Flats Dune Strandveld vegetation. Their three-year presence caused notable reductions in vegetation cover and an increase in open space, although species richness and diversity remained unchanged. Eland diets changed seasonally and were affected by the sex of dioecious plants. These findings endorse eland reintroduction into strandveld to control bush encroachment, but also highlight the need for prolonged monitoring.

Supervisor: Prof B Anderson

BOTHMA, Karli (Biochemistry)

Immunological detection of Coenzyme A biosynthesis pathway enzyme levels in *Staphylococcus aureus*

This research develops and validates sensitive laboratory procedures to measure four enzymes that produce coenzyme A in *Staphylococcus aureus*. Previously generated antibodies against the four enzymes enable validation of indirect competition enzyme-linked immunosorbent and western blot assays that quantify each enzyme with limited cross-reactivity. These assays serve as cost-effective tools to measure enzyme levels during bacterial growth under varied conditions and across different strains. The work delivers practical methods to study this essential metabolic pathway and supports efforts guiding the discovery of new antimicrobial agents against increasingly drug-resistant infections worldwide, strengthening future therapeutic development.

Supervisor: Dr M de Villiers
Co-supervisor: Prof E Strauss

BRAND, Dean Charles (Physics)

Quantum neuromorphic computing

This study advances work in quantum neuromorphic computing by developing and analysing new models that blend brain-inspired processing with quantum mechanics. A fully quantum neuron-like element is proposed and its key behaviours are derived, clarifying how learning and spiking-style dynamics could emerge in quantum systems. Practical neuromorphic algorithms are then implemented on today's quantum devices, including a new quantum neuron model embedded in flexible network architectures and applied to multiple machine learning tasks. Finally, a photonic neuromorphic design is presented, demonstrating neuron-like performance on an energy-efficient hardware platform, and outlining routes towards scalable hybrid processors for future artificial intelligence and sensing.

Supervisor: Prof F Petruccione

CALLAGHAN, Dylan (Computer Science)

Spectrum-based fault localisation of multiple faults

Real-world software typically contains bugs, often many at once. Developers need to find these bugs before they can fix them, which is a time-consuming process if done manually. The system developed in this work instead finds the most likely bug locations automatically, using execution information collected during software testing. From this, it constructs a mathematically well-defined minimal basis of suspicious statements that can be seen as the cause of all software failures. It handles the interactions between multiple faults better than state-of-the-art systems, and has many possible applications, for example providing automatic feedback for buggy student code.

Supervisor: Prof B Fischer

ERASMUS, Anneke (Physics)

Analysis of Mie scattering from optically trapped particles

This study develops a counter-propagating optical trap to isolate individual saline droplets, enabling the simultaneous measurement of diameter and refractive index with nanometre precision. By applying Mie scattering theory, specific resonating wavelengths are identified to track morphological changes in real time. Minute adjustments in laser power induce controlled heating, causing water to evaporate or condense, altering the droplet's chemical concentration. These findings highlight the significant influence of light absorption on aerosol stability and provide a sensitive platform for observing atmospheric dynamics. The results expand our understanding of how individual aerosol particles reach equilibrium under varying environmental conditions.

Supervisor: Prof PH Neethling
Co-supervisor: Dr GW Bosman

FERGUSON, Roy Angus (Mathematics)

Sums and covers in categories

This research makes significant progress in the study of abstract sums and covers, which includes development of the theory of partial extensivity for abstract sum structures, and characterisations of cover structures arising in topos theory, using categorical forms. Partial linearity is introduced and studied as an interplay of abstract sum and product structures, and a coherence theorem for this interplay is established. A new class of morphisms, called monilmorphisms, is introduced as a conceptual tool for establishing examples of extensivity relative to abstract sums. Characterisations of monilmorphisms in various categories are established, revealing the unpredictable nature of these morphisms.

Supervisor: Prof Z Janelidze
Co-supervisor: Dr M Hoefnagel

FERREIRA, Daniel Reuben (Earth Sciences)

The Tantalite Valley Complex: insights into its petrogenesis, petrology and metallogeny

Layered mafic–ultramafic complexes preserve the solidified remains of magma chambers within Earth's crust. This study examines the poorly understood Tantalite Valley Complex in southern Namibia to clarify its origin, internal structure and mineral potential. Fieldwork, petrography, geochemistry and advanced microanalytical techniques are integrated to reconstruct the complex's magmatic evolution. The complex formed about 1 220 million years ago from mantle-derived magmas that assimilated crustal material during emplacement. It comprised at least three nested intrusions, recording repeated magma replenishment and open-system behaviour. Early magmas generated sulphide mineralisation that concentrated platinum group elements, highlighting the resource potential of underexplored intrusions in convergent tectonic settings.

Supervisor: Prof BP von der Heyden
Co-supervisor: Dr M Klausen

GABRIEL, Casey Ashley (Plant Biotechnology)

Genetic analysis of *Cannabis* flowering traits in differential environments

Cannabis sativa accumulates many phytochemicals demonstrating pharmaceutical properties, and South African farmers now grow this plant to produce these properties for the medical industry. This research examines the growth of 20 *Cannabis sativa* strains under two environmental conditions and identifies ones that grow well in South African environments. As the pharmaceutically active compounds accumulate on the surface of buds, the study also explores the genetics of *Cannabis sativa* to characterise genes that can influence bud density. Several genetic loci are identified that improve this trait and can now be used by plant breeders to produce varieties with increased yield.

Supervisor: Prof J Lloyd
Co-supervisor: Prof C Rhode

GARDINER, Courtney Elizabeth Campbell (Zoology)

Predicting the fisheries of the future: applying genomic tools and distribution models to forecasting climate change impacts on commercially exploited fishes in the southeastern Atlantic

Marine species are shifting their ranges in response to climate change, potentially affecting fisheries resources. Using commercially important hakes *(Merluccius paradoxus)* and anchovies *(Engraulis encrasicolus)*, this study explores the intersection between climate change, population structuring and adaptability. Deep-water hake appear to segregate by sex rather than having discrete, geographically structured populations, further supported through a reduced single nucleotide polymorphism (SNP) panel, suggesting previously unrecognised evolutionary dynamics. Generally, anchovies show little geographic separation, except for individuals from northern Namibia, which may be better adapted to future environmental changes. This work represents an important contribution to managing exploited marine species under changing climates.

Supervisor: Prof S von der Heyden
Co-supervisor: Dr R Henriques (*external*)

GIKUNDA, Dennis Kinoti (Mathematics)

The distribution of the product of parts in integer partitions

Partitions are ways of breaking a number into sums of other whole numbers. They are fundamental objects in mathematics and have applications in other fields, such as statistical mechanics. It is known that the product of the parts in a random partition behaves irregularly and does not settle into a stable pattern. This study provides an explanation of why this is the case and proves that the logarithm of this quantity converges to a well-defined limit. Moreover, when weighted partitions are considered, sharp changes in behaviour are observed in the limiting distribution, including the emergence of a Gaussian limit law.

Supervisor: Prof D Ralaivaosaona

HOFFMAN, Mizpah Jeshurun (Botany)

Biogeographic molecular mapping of South African *Dodonaea viscosa var. angustifolia (L.f.) Benth.* (*Sapindaceae*)

This research uses a multi-omics approach to study wild populations and cultivated plants of *Dodonaea viscosa*, a potent medicinal plant with anti-cancer activity. Three metabolomic clusters separate the wild plants across the South African distribution, correlating to genetic structure. Barriers to geneflow exist across the geographic distribution, likely due to isolation by distance. Both drought and salinity stresses lead to complex changes to metabolomic and proteomic signatures controlling stress regulation and adaptation, narrowing the knowledge gap regarding this non-model species. Novel molecular mechanisms inform the domestication strategy of *D. viscosa* for the phytopharmaceutical industries and its response to changing climates.

Supervisor: Prof NP Makunga

HOROTO, Langa Samuel (Physics)

Beyond geometry: conceptual foundations of a force-based theory of gravity

A revised definition of force is proposed and its conceptual implications for the foundations of mechanics and field theory are explored. The notions of Lagrangian and Hamiltonian dynamics are reformulated, leading naturally to a modified procedure for canonical quantisation. This reveals gravity as a genuine interaction rather than just a manifestation of spacetime geometry. From this, a theory of gravity is constructed that is a deformation of general relativity and a natural extension of Yang–Mills gauge theories. This framework provides a unified description in which the observed effects attributed to dark matter and dark energy emerge without introducing such entities explicitly.

Supervisor: Prof FG Scholtz

KIYUMBI, Amos Sospeter (Physics)

Plasmonic nanostructured sensors for malaria biosensing

This study conducts a comprehensive investigation into plasmonic nanostructured biosensors for the detection of malaria. It examines gold and aluminium nanohole arrays, combining theoretical modelling, effective-medium analysis and experimental measurements to characterise their optical response to the malaria biomarker pLDH. The research evaluates sensitivity, quantifies limits of detection, and compares performance with standard diagnostic approaches. It finds that these plasmonic platforms can detect pLDH at very low concentrations, offering a sensitive and cost-effective alternative to conventional assays. Overall, the study highlights the potential of engineered nanostructures to advance malaria diagnostics and enable earlier, more reliable detection.

Supervisor: Prof MS Tame
Co-supervisor: Dr GW Bosman

KYAKUTWIKA, Nelson (Mathematics)

Parsimonious mixed Bergomi models for VIX derivatives: calibration and estimation via quantisation

This study models markets linked to the VIX index with a flexible volatility framework that matches observed futures and option prices, while remaining computationally efficient. Slow numerical integration is replaced with a fast pricing method based on vector quantisation, enabling rapid calibration across many days. New parsimonious model variants reduce the set parameter substantially, with only a small loss of accuracy. A filtering-based estimation approach then tracks latent market factors through time, allowing joint analysis of time-series behaviour and the full VIX option surface, and supporting more stable empirical inference.

Supervisor: Prof M Alfeus
Co-supervisors: Profs E Schlögl (*external*), B Bartlett

LEDWABA, Tebogo Martina (Physics)

Imaging and image enhancement of additive manufacturing defects

In this study, imaging of additive manufacturing defects is achieved by using X-ray radiography and computed tomography. Deep learning methods are developed and demonstrated to enhance contrast and crack signals in low-quality images, thereby reducing total scanning time required for high-quality images by up to 96%. Deep learning methods of segmentation are developed and thoroughly evaluated for robust performance in the analysis of diverse additive manufacturing defects and various imaging conditions. The resulting models enable new discoveries in defect relationships, and facilitate the optimisation of additive manufacturing parameters for well-known alloys in the field.

Supervisor: Prof A du Plessis
Co-supervisor: Dr CM Steenkamp

LOGGENBERG, Kyle (Geoinformatics)

Harnessing remote sensing and GeoAI: an exploration of vineyard cultivar discrimination

This study explores the use of remote sensing and GeoAI to accurately discriminate between grapevine cultivars, addressing critical gaps in hyperspectral data effectiveness, algorithm generalisability across seasons, and operational scalability. Empirical experiments identify the fruit-set stage as optimal for mapping varieties such as currant and sultana, with SVM and 1D CNN models achieving the highest accuracies for spectral classification tasks. A novel PLS-based ensemble feature selection framework reduces data dimensionality by 95%, while maintaining performance. The study also demonstrates transferability of spectral features to PRISMA satellite imagery by means of Bayesian fusion, establishing a solid foundation for future scalable vineyard monitoring systems.

Supervisor: Dr Z Münch
Co-supervisor: Prof A Strever

LOURENS, Matthys Johannes (Physics)

Automated variational ansatz design

In this study, a systematic approach to ansatz design for quantum many-body problems is established by developing an abstract hypergraph language. This language encodes modular, size-scalable wavefunction structures. Evolutionary searches on small instances produce wavefunctions that extrapolate to arbitrary sizes without modification. The method autonomously rediscovers mean-field descriptions and extends them to incorporate correlations. For spin models, a compact ansatz is obtained that yields closed-form energies surpassing mean-field theory. Additionally, a quantum phase-recognition ansatz is generated that outperforms common designs with significantly fewer parameters. Finally, general N-qubit realisations of standard quantum algorithms are automatically discovered by training only on small-circuit examples.

Supervisor: Prof F Petruccione
Co-supervisor: Prof I Sinayski (*external*)

MAFIREYI, Godwin (Bioinformatics and Computational Biology)

Construction and analysis of the pangenome of *Cucurbita moschata* to uncover variants associated with virus resistance

Butternut squash (*Cucurbita moschata*) is an important crop threatened by potyviruses, including Moroccan watermelon mosaic virus (MWMV). This study identifies genomic regions controlling MWMV resistance, using a pangenome-assisted bulk segregant analysis approach. A *C. moschata* pangenome is constructed from resequencing data of 18 diverse breeding lines, using the iterative mapping and assembly approach. Structural variants are characterised to capture genomic diversity. Resistant individuals from a segregating F2 population are bulked and analysed against the pangenome, using single nucleotide polymorphism (SNP) index analysis. Resistance-associated quantitative trait loci (QTLs) are detected, molecular markers are developed, and their effects are validated in segregating F2 populations.

Supervisor: Prof JT Burger
Co-supervisors: Prof HG Patterton, Dr G Ascough (*external*)

MAGIDIMISHA, Edwin (Physics)

Remote sensing of wildland vegetation fires using near-infrared spectral line emissions from electronically excited potassium metal

This study characterises the emission of potassium spectral lines from burning South African vegetation species. Potassium concentrations in vegetation species are quantified using inductively coupled plasma atomic emission spectroscopy. Atmospheric radiative transfer modelling is used to evaluate the attenuation and spectral distortion at longer distances. Field measurements were conducted to evaluate sensor performance under operational conditions, followed by thermal-vacuum testing to assess sensor space readiness. The sensor was then integrated into an unmanned aerial vehicle for airborne fire detection. The experimental optical payload was flown aboard the ZACUBE-2 nanosatellite to capture images of fires, demonstrating a successful space-based fire detection system.

Supervisor: Dr CM Steenkamp

MAPONYA, Mmamokoma Grace (Geoinformatics)

Machine learning mapping of biogenic mounds (*heuweltjies*), using satellite and terrain data

Biogenic mounds (*heuweltjies*) are widespread across the northwestern and southwestern Cape, South Africa, and function as nutrient-rich and moisture-rich ecological hotspots. Despite their importance for soil processes, biodiversity and rangeland management, their spatial distribution remains poorly mapped. This study evaluates the potential of machine learning and multi-source remote-sensing data for detecting and mapping *heuweltjies*. Using Sentinel-2, GeoEye-1 and aerial imagery, the effects of seasonal timing, spatial and temporal resolution, feature selection and classifier choice are assessed. Results show that multi-temporal Sentinel-2 imagery and very high-resolution data, with machine learning classifiers and Bayesian fusion, enable reliable, scalable mapping of *heuweltjies*.

Supervisor: Dr ZE Mashimbye
Co-supervisor: Prof C Clarke

MOORE, Daniella (Mathematics)

An exploration of near-vector space theory

This study extends classical mathematical theory of linearity to the exotic realm of near linearity, as formalised by the concept of a near-vector space. An impressive structural result about regular near-vector spaces is established, revealing the connection between linearity and near linearity: Every regular near-vector space decomposes into linear components. Additionally, a new, module-theoretic approach to near-vector spaces is developed and applied in proving that the category of near-vector spaces is abelian. These results, among many others established, shed new light on the relationship between classical linearity and near linearity. The new theory is illustrated with a range of concretely computed examples.

Supervisor: Prof S Marques
Co-supervisor: Prof Z Janelidze

MORRIS, Tinta Carmen (Microbiology)

ESKAPE'ing multidrug resistance: exploiting natural predators for biological control

This research investigates biological alternatives to conventional antibiotics for clinical and environmental applications. Bacteriophages are shown to enhance antibiotic activity against selected drug-resistant bacterial pathogens, indicating their potential as adjuncts to existing therapies. They were evaluated in combination with predatory bacteria to reduce pathogenic bacterial concentrations and enhance the effectiveness of solar disinfection of rainwater. This integrated approach for rainwater pre-treatment, combining bacteriophages with antibiotics or predatory bacteria, may substantially reduce health risks associated with untreated water sources. Finally, bacteriophage-derived enzymes are explored as alternatives to antibiotics, demonstrating considerable promise, although additional research is required to optimise their application.

Supervisor: Prof W Khan
Co-supervisors: Prof A Botha, Dr B Reyneke (*external*)

MUGWANDA, Kanganwiro (Microbiology)

Synthetic circuits and metabolic engineering of *Lacticaseibacillus casei*

Engineering bacteria to produce biopharmaceuticals or to secrete probiotic biomolecules for treating metabolic diseases holds significant clinical potential. However, the challenge in this field is to identify the right bacteria ("chassis") to engineer for a given application. In this study, bioinformatics tools are used to evaluate *Lacticaseibacillus casei* as a chassis. Using gene-essentiality studies, 633 putative essential genes are identified. A draft genome-scale model with a 39% quality score is developed, setting the stage for chassis engineering. The directed evolution process is also tested to generate an adaptive chassis, while gene-editing methodology requires refinement and optimisation for chassis engineering.

Supervisor: Dr DBT Govindaraj (*external*)
Co-supervisor: Prof LMT Dicks

MUKONOWENZOU, Nyasha Charity (Physiological Sciences)

Human immunodeficiency virus (HIV)-mediated cardiac fibrosis: implication of cellular immunomodulation and cytokine profile alterations

Cardiovascular disease is a major health concern for people living with HIV, yet the underlying mechanisms remain poorly understood. This research evaluates biomarkers of persistent immune activation and cardiac fibrosis in a South African HIV-positive cohort. The findings reveal a coordinated pro-fibrotic immune profile, particularly in individuals with severe immunosuppression. This group also display a distinct risk profile, including higher body mass index, elevated blood pressure, and subclinical dyslipidaemia. Persistent immune activation and chronic inflammation promote coordinated cellular immunomodulation, creating a pro-fibrotic environment that suggests mechanisms of cardiac fibrosis distinct from those in HIV-negative individuals.

Supervisor: Prof MF Essop
Co-supervisors: Drs DE Joseph, BJN Sishi

NGCOFE, Luncedo Dalithemba Sanelisiwe (Geoinformatics)

The assessment of feasibility of the ISO 19157 Geographic Data Quality standard in South Africa

This study conducts an evaluation of the feasibility of implementing international geographic data quality standards in South Africa. A framework is developed for evaluating the feasibility of standards, and barriers to effective implementation are determined from stakeholders. Compliance and enforcement aspects are investigated through a legislative and policy review. Moderate feasibility is demonstrated in the South African context, and implementation challenges include limited access to standards, as well as their technical complexity. South Africa is found to have a critical gap in legislative enforcement mechanisms relative to other jurisdictions. Technical feasibility must precede legal enforceability to ensure meaningful and sustainable compliance.

Supervisor: Dr JN Kemp

OCTOBER, Craig Amos (Biochemistry)

Mathematical modelling of the Warburg effect, and its link to cancer cell physiology

This research kinetically characterises glycolysis, the main pathway for glucose metabolism, in an invasive breast cancer cell line. A detailed mathematical model is constructed, validated and subsequently analysed, revealing that in contrast to earlier findings, the glyceraldehyde 3-phosphate dehydrogenase (GAPDH) does not have a high flux control, but rather, two kinase reactions in the first part of the pathway are the reaction steps with the highest flux control. GAPDH only gains control upon strong inhibition, indicating that it is not a good drug target. This result is then confirmed in a comparative analysis of models for two other cancer cell lines.

Supervisor: Prof JL Snoep
Co-supervisor: Dr DD van Niekerk

OOSTHUIZEN, Korban (Chemistry)

Amide-functionalised diamines for the separation of transition metals through solvent extraction and precipitation

Lithium-ion batteries have become a highly important energy source, not only in electric vehicles, but in many other key portable electronic goods. Three important metal ions in these batteries are cobalt, nickel and manganese. Since primary ore sources are being depleted, there is a need to recycle used goods that contain these metal ions. This study designs and synthesises new extractants and precipitants that exhibit high and selective separation of cobalt from nickel and manganese. These molecules are environmentally friendly and better than current molecules, which are toxic to the environment. The extractants can also be used repeatedly.

Supervisor: Prof RC Luckay

PAGE, Lucan Dylan (Microbiology)

Defining functional microbiomes of wheat (*Triticum aestivum*) and maize (*Zea mays*) under regenerative management practices in South Africa

Through comparative studies in controlled wheat trials and on commercial maize farms, this research reveals that host selection and environmental pressures often outweigh short-term crop-rotation effects, while regenerative management enhances microbial functional potential, particularly nitrogen cycling. Integrating next-generation amplicon sequencing, functional and network analyses, as well as qPCR, the study shows convergence of communities during crop growth, site-specific fungal structuring, and enrichment of key nitrogen-transforming taxa under diversified systems. Collectively, these findings advance our understanding of soil–plant–microbe interactions and provide evidence that holistic, context-sensitive regenerative practices can strengthen soil health, nutrient-use efficiency as well as resilience in modern agricultural systems.

Supervisor: Prof K Jacobs

PITTAWAY, Ian Bennet (Physics)

The measurement problem within quantum mechanics on a non-commutative plane

The measurement problem and the related issue of the quantum-to-classical transition are still open problems in quantum mechanics. Here, these problems are addressed in the new setting of quantum mechanics on a non-commutative plane, motivated by gravitational stability. This construction alters the structure of measurement, leading to an intrinsic coarse-graining of position, and the identification of position as an emergent preferred basis. The dynamics of such systems are analysed in detail through the double-slit and von Neumann measurement schemes, showing that interference suppression naturally arises in the macroscopic limit, and that no external environment is required as in current theories of decoherence.

Supervisor: Prof FG Scholtz

RASS, Atarah Melanie Rose (Physiological Sciences)

Beyond checkpoint inhibitors: the potential of chemotherapy and phytotherapy for enhanced tumour immunogenicity in breast cancer

Breast cancer outcomes vary widely due to biological diversity, and many patients benefit little from immune checkpoint inhibitors. This study evaluates clinical decision-making processes and current biomarkers used to guide treatment and develops a systems-based framework integrating tumour-infiltrating lymphocytes, immune checkpoint expression, mismatch repair status and mutational burden to improve patient selection. Experimental work demonstrates that doxorubicin and carboplatin differentially modulate tumour immunogenicity, while the medicinal plant *Dodonaea viscosa* enhances selected immunogenic effects when combined with chemotherapy. These findings support a personalised medicine approach to improve immunotherapy suitability and potential response in breast cancer, particularly in treatment-naïve and previously treated patients.

Supervisor: Prof A-M Engelbrecht
Co-supervisors: Drs C Eksteen, Dr B Loedolf

REDDY, Nireshini (Physiological Sciences)

Green gold nanoparticles synthesised from *Dodonaea viscosa* for the treatment of triple-negative breast cancer

Green gold nanoparticles were synthesized using an aqueous extract of *Dodonaea viscosa* and evaluated as a treatment for aggressive breast cancer. The nanoparticles were optimized, characterized, and tested in breast cancer cell lines as well as in a mouse model of triple-negative disease. They show selective toxicity towards cancer cells, inhibit tumour growth, and activate programmed cell death. In mice, tumour suppression is comparable to that of doxorubicin, despite a substantially lower dose, with no detectable systemic toxicity. These findings demonstrate strong anti-tumour activity alongside a favourable safety profile, supporting the potential of plant-derived gold nanoparticles as a biocompatible, sustainable therapeutic strategy for difficult-to-treat breast cancer.

Supervisor: Prof A-M Engelbrecht
Co-supervisors: Dr S Rambharose, Prof W Perold

ROCKEFELLER, Rockefeller (Applied Mathematics)

Historical consistent neural networks for wind power prediction

Improving renewable energy forecasting is essential for ensuring a stable and sustainable power grid. This research develops long-memory improvement methods based on Historically Consistent Neural Networks (HCNNs), which modelling paradigm aligns with the physical laws governing wind behaviour and overcomes traditional limitations. An open-source computational framework is built to test HCNN and proposed variants on complex mathematical systems and South African wind data. The results produce highly accurate forecasts that manage the natural variability of wind. These advancements offer practical tools to enhance operations on wind turbines, including grid stability through short-term forecasts, maintenance, and planning through long-term forecasts.

Supervisor: Prof B Bah
Co-supervisors: Dr H Zimmermann (*external*), Prof V Marivate (*external*)

ROUILLARD, Amy Shirley (Physics)

Machine learning for physics applications: quantum algorithm design, chaotic dynamics, and mass spectrometry

This study uses machine learning as a tool for discovery and modelling across several areas of modern physics. Automated optimisation techniques generate quantum algorithms that scale to any problem size, successfully reproducing well-known protocols for the quantum Fourier transform and quantum search, and showing that efficient navigation of complex quantum circuit spaces is possible. A separate project of the study addresses mass spectrometry imaging, where interpretable models identify chemical biomarkers and quantify spatial structure in biological samples, clarifying both the power and limits of data-driven analysis. Finally, networks reproduce chaotic dynamics, leading to a new bias initialisation method that improves model training.

Supervisor: Prof F Petruccione
Co-supervisor: Prof I Sinayskiy (*external*)

RUARO, Lorenzo (Mathematics)

Modelling of white rhino (*Ceratotherium simum*) movement, population dynamics and poaching in Kruger National Park, South Africa

Effective conservation of the southern white rhino requires mathematical modelling to understand how environmental, behavioural and anthropogenic factors shape ecology. This study uses quantitative models to analyse movement, population dynamics and poaching risk in Kruger National Park. Sex-dependent and time-dependent step selection functions applied to tracking data reveal nonlinear diel, sex-specific movement responses influenced by terrain, vegetation, temperature, rivers and roads, with males showing more exploratory behaviour. A partitioning-based forecasting framework links spatial structure to prediction accuracy, detecting trend shifts and possible metapopulations from sparse data. Resource selection functions model poaching risk and boundary permeability, identifying river and road hotspots.

Supervisor: Prof C Hui
Co-supervisors: Drs P Landi, S MacFadyen

SAAD, Amani Dhumad (Computer Science)

Fitness landscape analysis for the differential evolution algorithm

This study investigates the behaviour and performance of the differential evolution algorithm through fitness landscape analysis. It first analyses control parameters, focusing on existing guidelines for setting the population size, individual parameter importance, and pairwise parameter interactions. The research links key fitness landscape characteristics, namely ruggedness, gradients, funnels, deception and searchability, to performance and search behaviour based on various performance metrics. A failure analysis is conducted to design a risk score-based early-warning indicator for algorithm failure. Insights from these analyses are used to propose and validate an adaptive variant, namely the searchability-guided differential evolution algorithm.

Supervisor: Prof AP Engelbrecht
Co-supervisor: Prof S Khan (*external*)

SHAW, Klarissa (Biochemistry)

Analysis of insulin sensitivity in C2C12 skeletal muscle cells

Reduced insulin sensitivity, leading to high blood glucose levels, is an important characteristic of type 2 diabetes mellitus. This study characterises insulin signalling, glucose transport and glucose metabolism modules in mice skeletal muscle cells, and constructs and analyses mathematical models to quantify the contribution of each of the modules to insulin sensitivity. Whereas it appeared from the experiments that the glucose transport induction was contributing mostly to an insulin resistance state, the analysis shows that in addition to glucose transport, the metabolism module contributes significantly at low insulin concentrations, while the signal transduction module contributes significantly at high insulin concentrations.

Supervisor: Prof JL Snoep
Co-supervisor: Dr DD van Niekerk

SIBANDA, Charmaine (Physics)

Optical properties and thermal conductivity of resistive Au nanogranular films

This research investigates gold nanogranular films fabricated via supersonic cluster beam deposition for their resistive switching behaviour and associated changes in optical and thermal properties. Activation of resistive states induces distinct plasmonic resonances and enhances third-order nonlinear optical responses, particularly in thinner films. Ultrafast spectroscopy reveals faster electron-phonon coupling post-switching, while electron diffraction measurements indicate reduced thermal conductivity due to grain boundary scattering. Structural analysis confirms cluster connectivity in the activated states. These findings demonstrate that resistive switching modulates both photonic and thermal transport properties, offering tuneable functionality for neuromorphic and optoelectronic device applications.

Supervisor: Dr GW Bosman
Co-supervisors: Dr CM Steenkamp, Prof P Rudolf *(external)*

SLABBERT, Donovan (Physics)

Quantum machine learning applied to astronomical datasets

Modern astronomy produces vast amounts of data that must be sorted, grouped and checked for unusual signals. This study applies hybrid quantum-classical machine learning approaches to astronomical datasets to explore whether quantum computing can assist with these tasks. Quantum kernel methods and neural networks are integrated into standard machine learning workflows and evaluated against established classical techniques. Across experiments, classical methods are shown to be consistently faster and more accurate. Quantum approaches achieve competitive results only in narrowly defined, small-scale cases. Tests on current quantum hardware behave as expected, with noise limiting performance. Results highlight the need for continued progress in quantum machine learning.

Supervisor: Prof F Petruccione

SNAYER, Trégen Michael (Chemistry)

Synthetic routes to non-racemic C_4 symmetric inherently chiral calix[4]arenes

This study prepares and resolves inherently chiral calixarenes with C_4 symmetry, using practical synthetic strategies. Racemic meta-functionalised calixarenes are converted into enantiopure compounds by attaching chiral auxiliaries, with proline derivatives enabling efficient diastereomer separation, and, after clean removal, give pure enantiomers. A stereoselective route employing chiral carbamate directing groups is also developed, delivering a single chiral form directly. To this end, a pantolactone-based carbamate proves especially effective, allowing high yield, simple purification and removal to give the target compound. Spectroscopic and chiroptical measurements confirm chirality, while calculations suggest an explanation for the observed regioselectivity.

Supervisor: Prof GE Arnott

SPIES, Lee-Maine Lorin (Biochemistry)

Evaluation of the effect of *Aspalathus linearis* (rooibos) extracts on oestrogen receptor-positive breast cancer cell growth and metastasis in vitro

This study investigates whether rooibos tea extracts influence the growth and spread of oestrogen receptor-positive breast cancer, and whether they interfere with or enhance tamoxifen therapy. It screens multiple fermented and unfermented rooibos extracts in breast cancer cells. Rooibos extracts are found to reduce cancer cell growth, survival, migration and invasive behaviour, even in the presence of oestrogen. The extracts also suppress cell-cycle progression, activate tumour-suppressive and apoptotic pathways, and limit metastatic traits. Importantly, rooibos enhances the anti-cancer effects of low-dose tamoxifen, highlighting its potential as a safe, natural adjunct to endocrine therapy.

Supervisor: Dr NJD Verhoog
Co-supervisor: Prof A Louw

STEYN, Clara (Zoology)

Long-term changes in South African kelp forest ecosystems

Kelp forests are diverse and provide people with many ecosystem services. Until now, little has been known about how South African kelp forests have changed through time. By combining remote sensing, fieldwork, taxonomy and predictive modelling, this study finds that (i) over the past 40 years, Cape Peninsula kelp forests have changed, becoming less diverse; (ii) a new alien species known to negatively affect kelps elsewhere, now occurs in False Bay; and (iii) frequent heatwaves could limit the recovery of kelp forests from outbreaks of this invasive species. Understanding long-term changes is key to protecting South Africa's important kelp systems.

Supervisor: Prof TB Robinson-Smythe
Co-supervisor: Dr L Blamey (*external*)

THEART, Emma (Mathematics)

Extensivity relative to a bifunctor

This research introduces a generalised notion of extensivity in category theory, broadening the theory of extensivity well beyond its original scope. In relation to this, a novel concept of a near-sum is developed, which subsumes several important constructions across mathematics and opens a new and promising direction for future research in the theory of extensive categories. Furthermore, the study develops a general and unifying approach to the broad themes of decomposition and unique factorisation in mathematics.

Supervisor: Dr MA Hoefnagel

VAN DER MERWE, Michelle Pauline (Physiological Sciences)

Exploring miR-142-3p in cervical cancer: implications for treatment response

Cervical cancer cell lines were engineered to overexpress the tumour-suppressive microRNA, miR-142-3p, after which the resulting cells were evaluated for functional effects. Increased levels of miR-142-3p reduce cell viability, migration and epithelial–mesenchymal transition, and enhance sensitivity to the chemotherapy drug cisplatin, including suppression of a treatment-resistance protein. miR-142-3p was also detected in extracellular vesicles isolated from patient plasma. Vesicles released by cervical cancer cells promote blood vessel formation in endothelial cells; however, this effect was independent of miR-142-3p. The research showed that miR-142-3p improves chemotherapy responsiveness, while not contributing to vesicle-driven angiogenesis, supporting its potential as a therapeutic sensitiser in cervical cancer.

Supervisor: Prof A-M Engelbrecht
Co-supervisor: Prof K Myburgh

VOLSCHENK, Mercia (Microbiology)

Quantification, phase distribution and persistence of antiretroviral drugs in wastewater treatment systems, and their ecotoxicological impacts in aquatic environments

South Africa has the world's largest antiretroviral therapy programme, resulting in widespread antiretroviral drugs (ARVs) in wastewater and surface waters. This study examines emtricitabine, efavirenz and nevirapine in two conventional activated-sludge wastewater treatment plants over two years. All compounds are consistently detected, with variable and sometimes negative removal efficiencies driven by seasonal, operational and phase-specific behaviour. Emtricitabine remains aqueous, efavirenz sorbs to solids, and nevirapine shows intermediate partitioning, indicating dynamic internal recycling rather than removal. Bioassays show limited microbial effects, but sensitive behavioural responses in zebrafish larvae at environmentally relevant concentrations.

Supervisor: Prof G Wolfaardt
Co-supervisor: Dr E Archer

Faculty of Science
Fakulteit Natuurwetenskappe

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Science
Magister in die Natuurwetenskappe

Andersen, Miranda (Zoology) *(cum laude)*
Austin, Robyn Hannah (Genetics)
Banda, Kondwani (Plant Biotechnology)
Berry, Lara Denise (Bioinformatics and Computational Biology) *(cum laude)*
Botha, Joelle Lia (Biochemistry) *(cum laude)*
Bredenkamp, Jhade Cameron (Physiological Sciences)
Brink, Danielle (Physiological Sciences) *(cum laude)*
Clemo, Nicholas John (Genetics) *(cum laude)*
Clinton, Tiffany Adelia (Genetics)
Darkoh, Francisca (Physiological Sciences) *(cum laude)*
Davids, Keegan (Physics)
De Castro Silva, Danilo (Computer Science) *(cum laude)*
Dlamini, Nonhle (Physiological Sciences) *(cum laude)*
Dotwana, Mzolisi Musa (Physiological Sciences) *(cum laude)*
Du Preez, Cecile Monique (Physiological Sciences) *(cum laude)*
Frith, Harry Siewert (Plant Biotechnology)
Gildenhuys, Christiaan Petrus (Botany) *(cum laude)*
Glasby, Tallulah Rose (Botany) *(cum laude)*
Gray, Cassidy (Genetics)
Grobbelaar, Nelia (Computer Science)
Hendricks, Candice Simone (Microbiology)
Jansen van Rensburg, Mieke (Genetics)
Kellermann, Rossouw (Geo-informatics)
Kennedy, Amy-Lee (Microbiology) *(cum laude)*
Keyter, Janet (Plant Biotechnology)
Khanyi, Masana Hlengiwe Michelle (Computer Science)
Kleintjes, Rocky Nathan (Microbiology)
Koegelenberg, Hendrik Jurgen (Geo-informatics)
Kwinda, Lebogang Robert (Polymer Science)
Lakay, Fatimah (Physiological Sciences)
Lee, Jin Ree (Computer Science) *(cum laude)*
Linder, Stephanie Jane (Genetics)
Liza, Ansu (Applied Mathematics)
Maharaj, Akhil (Bioinformatics and Computational Biology)
Mc Arthur, Sarah Susan (Microbiology) *(cum laude)*
Mengel, Kayleigh Jean (Botany)
Meyer, Werner (Plant Biotechnology)
Meyer, Zanfré Ané (Physiological Sciences)
Minnie, Deoné Filda (Microbiology)
Mokhethi, Maposholi Faith (Earth Sciences) *(cum laude)*
Molefe, Kgothatso Ishmael (Computer Science)
Moschides, Nicholas George (Physics) *(cum laude)*
Muller, Handré Judene (Physiological Sciences)
Ngcobo, Siboniso Philasande (Geo-informatics)
Ntuli, Mbalenhle (Physiological Sciences) *(cum laude)*
Oosthuizen, Meghan (Plant Biotechnology)
Otto, Nicola Miriam Elizabeth (Bioinformatics and Computational Biology)
Pretorius, Jacob Johannes (Earth Sciences)
Rajaruthnam, Sunthuri (Genetics)
Santos, Sabrina Andrea (Microbiology) *(cum laude)*
Serfontein, Suzaan (Geography and Environmental Studies) *(cum laude)*
Spanjaard, Charlotte (Zoology) *(cum laude)*
Steyn, Gary Jared (Computer Science) *(cum laude)*
Strydom, Jana (Physiological Sciences) *(cum laude)*
Symons, Craig Christopher Ray (Zoology)
Thackwray, Brett (Microbiology) *(cum laude)*
Tonisi, Sibulele (Biochemistry)
Torppa, Johannes Elias (Bioinformatics and Computational Biology) *(cum laude)*
Tuck, Reece (Chemistry) *(cum laude)*
Van den Berg, Megan Lisa (Botany)
Van der Linden, Imáney (Microbiology)
Van der Linden, Wicus Jan (Computer Science) *(cum laude)*
Van der Merwe, Nina Deborah (Biochemistry)
Van der Want, Saskia Noelle (Microbiology) *(cum laude)*
Van Loggenberg, Luan (Physics) *(cum laude)*
Venter, Kira Elisabeth (Earth Sciences) *(cum laude)*
Volminck, Nevin (Biochemistry)
Vrey, Jennifer (Biochemistry) *(cum laude)*
Walker, Leanne Nicole (Plant Biotechnology)
Walker, Rowan Lucienne (Earth Sciences) *(cum laude)*
West, Jonathan Robert (Geo-informatics) *(cum laude)*
Wheeler, Mary Marjorie (Botany) *(cum laude)*

Bachelor of Science Honours
Honneurs-Baccalaureus in die Natuurwetenskappe

Abbott, Liam Brian (Computer Science)
Bailey, Courtney (Biodiversity and Ecology)
Bezuidenhout, Jano Zantis (Biochemistry) *(cum laude)*
Bydawell, Luke (Applied Mathematics)
Fyvie, Jenna Susan (Applied Mathematics)
Johnson, Hugo Emil Jellinek (Earth Sciences)
Kuhn, Theresa Amicie Ellen (Earth Sciences) *(cum laude)*
Sibiya, Mhlengi (Mathematics) *(cum laude)*
Sotshozi, Yamkela (Physics)
Swanepoel, Hanan Carlos (Physics)

Bachelor of Data Science
Baccalaureus in Datawetenskap

Raubenheimer, Kim Jean *(cum laude)*

Bachelor of Science
Baccalaureus in die Natuurwetenskappe

Adamczyk, Luke
Allan, Jordan
Anderson, Megan

Awaseb, Hailey
Badenhorst, Danel
Badrick, Cayleigh Eden
Bala, Lelethu
Baldry, Reuben Lodewikus
Barraball, Gabriel Caleb
Bassett, Nicholas Alan
Bester, Daniël Luck
Biebuyck, Kate Olivia
Booysen, Morne Heno
Botha, Aaltje-Lien
Botha, Hesmarie
Botha, Jamie-Lee
Botha, Lize-Mari
Botha, Nicola
Botha, Tayla Nicole
Brink, Alexander Christiaan
Brooks, Kyle
Calitz, Chané
Cedras, Mikhail Malvern
Coetzee, Leandré
Dalvie, Mohammed Fayaaz
Daniels, Jade
Davies, Leonard
De Sousa, Dario Antonio
De Villiers, Ross
De Waal, Andrea Nikita
De Wet, Andrea
Dowlath, Adil
Du Toit, Kevin
Du Toit, Mieke
Duane, Daniel Keith
Edelstein, Duncan
Ely, Moegamat Ziyaad
Essack, Samia
Fivaz, Sabrina
Foto, Zintle
Franklin, Jaden Amy
Funde, Ella
Gounden, Alexandra
Govender, Karissa Simran
Green, Carol-Lynne
Greyvensteyn, Jessica
Harley, Jonathan Ivan
Haschick, Rebekah Joy
Hauptfleisch, Wilhelm Gustav
Hayes, Emma Joy
Haywood, Andrea
Heel, Matthew
Heenop, Janke Pippa
Hojisi, Landokuhle
Holloway, Rebecca Leigh
Hurryjith, Zoë Jadean
Huskisson, Nicolene
Ignjatov, Vesna
Iyer, Clarissa Jannae
Johnson, Samuel Lloyd *(cum laude)*
Jooste, Zion
Kaplan, Denis
Khoele, Keabetswe
Klaasen, Reche
Klaas, Ipeleng Yvonne
Kleynhans, Ane
Kona, Lelethu
La Grange, Catharine
Le Grange, Andries Martinus
Le Sueur, Georgina Anne
Leeuw, Caleb
Lekhooa, Naledi
Lesenya, Kelumetse Grace
Lloyd, Joshua Hearns
Logday, Mohammed Taariq
Lotz, Anke Petro
Loubser, Orianna Joy
Mabece, Anifa Bianca
Madonsela, Zanele Patricia
Maduma, Zwelihle Victor
Makhado, Mapule Mirranda
Makoa, Pheello Phillipa
Maree, Daniel
Mark, Emma Caitlin
Markus, Wilfred Andrew
Mathews, Zainab
Matterson, Sophia Rose
Matthys, Jayda Jessica
Mattroos, Dylan-Cade
Mills, Jonathan
Mitchley, Jared
Mkwane, Reabetswe
Mothuloe, Oatile Nnane
Muir, Emma
Mukariri, Ruvimbo
Muller, Ethan Hamilton
Muyanga, Blessed Philippe
Naicker, Deveshin
Naicker, Kriya
Naidoo, Akshayan
Naidoo, Makaira
Nelson, Megan Paige
Nene, Luyanda
Ngondeka, Aviwe
Nicholas, Shanice Leandre
O'Brien, Shayna
Oelofse, Reese Johnston
Oliver, Fadia
Parsadh, Chloe Chiara
Phillips, Gemma
Pienaar, Dominique
Pretorius, Jason Donovan
Pretorius, Joshua
Prinsloo, Lindy Nicole
Punt, Erika Jakolien
Queiros, Rozanna
Radzilani, Tshilidzi
Rakobela, Karabo
Ralfe, Tayla Anne
Ramdhari, Kiandra Jaide
Reed, Mikayla
Rencken, Kyra Reid
Robinson, Ashton Gerard
Roux, Talia
Saayman, Dante
Sandham, Dominic Clarke
Sass, KD

Schoombee, Isabella Maree
Schreuder, Eva
Schutte, Karen
Seeber, Elsa
Sheya, Ipawa Ndapewa Hilde
Skelton, Matthew Kerr
Slabbert, Dorothy
Smith, Sheneil Shakira
Smit, Theandri
Smythe, Emma
Sparks, Karla
Steyn, Emma Catherine
Stonier, Emma
Strydom, Benjamin Bradley
Tanner, Harry Kelway
Thamela, Abulele
Truter, Gretha Mari
Truter, Liam
Van der Merwe, Mieke
Van der Merwe, Willem Carel Herman
Van Wyk, Hayley Wiharne
Viljoen, Leonore
Von Stein, Aimee
Waso, Anya
Weeks, Aimee Tyra
Weich, Bernard
Wessels, Ziya

Bachelor of Science in Computer Science
Baccalaureus in die Natuurwetenskappe in Rekenaarwetenskap

Bergh, Megan
Burden, Jasper
Chisango, Editor Natalia
Cornelissen, Matthew Joseph
De Klerk, Russel Janse
Den Haan, Adriaan
Dhani, Jaden
Dhevcharran, Kahill
Fourie, Stephan
Ganz, Ethan Nicholas
Graham, Billi Crompton
Hendricks, Zayaan
Keyter, Henroux
Laing, Hannauw
Lucas, Jaden Brooklyn
Magane, Pontsho Kgalele
Moodley, Leesan
Reyneke, Cobus
Sharp, Leruo Hillary
Socikwa, Njilo
Spinelli, Cejay
Swanepoel, Christiaan Jacobus
Treurnich, Antonie
Van der Linde, Daniël
Van der Walt, Diwan Waldo
Venter, Marco Christiaan
Walsh, Michael
Wilson, Thomas Evan
Yang, Zheng

HOME PAGE TUISBLAD

forward together
sonke siya phambili
saam vorentoe

Faculty of AgriSciences

24 March 2026 | 17:00

Fakulteit AgriWetenskappe

24 Maart 2026 | 17:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Vice-Chancellor.
	4. Welcome by the Vice-Chancellor.
	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Vice-Chancellor.
	6. Closing by the Vice-Chancellor.
Please stand	7. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Visekanselier.
	4. Verwelkoming deur die Visekanselier.
	5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Visekanselier.
	6. Sluiting deur die Visekanselier.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

ANDREWS, Jade (Agricultural Science)

Evaluating the social, biophysical and financial implications of transitioning to conservation agriculture in a vegetable production system

This study examines the perceptions of grain and vegetable producers using reduced tillage, soil cover and crop rotations, also known as 'conservation agriculture', in three regions of the Western Cape. Additionally, the soil health, agronomic and financial implications are evaluated in a vegetable system five years after implementing conservation agriculture practices. Results are varied, with farm-specific effects strongly influencing outcomes. Soil health improvements are associated with mulch treatments, while cover crops increase yield on some farms but decrease it on others. Nevertheless, cover crops are the most cost-effective. The research highlights the benefits and challenges, while providing a baseline analysis for conservation agriculture in vegetable systems.

Supervisor: Prof JA Strauss (*external*)
Co-supervisors: Dr W Hoffmann, Prof PA Swanepoel

ASMUS, Justin Joseph (Wine Biotechnology)

Multi-omics analysis of interactions between wine yeast species

Wine alcoholic fermentations are an evolutionarily relevant anthropogenic ecological niche dominated by several yeast and bacterial species. This ecosystem has been proposed as an ideal model system to investigate molecular interactions between microbial species – a topic of significant fundamental and applied relevance. This study generates transcriptomic data and optimises a semi-high-throughput screen to identify specific genes that impact the interactions between species, and evaluates the role of physical contact between these species in a three-species yeast consortium. The data provide evidence for the role of specific genes in species interactions and establish the practical and theoretical foundations for future studies.

Supervisor: Prof FF Bauer
Co-supervisors: Drs RJ Naidoo (*external*), R Perez-Torrado (*external*)

COOPER, Glen David (Soil Science)

The potential contribution of regolith to nutrient supply for *Eucalyptus* plantations in KwaZulu-Natal, South Africa

This study for the first time assesses the contribution of weathered rock of different types (regolith) to the nutrition of trees grown for commercial purposes. Regolith profiles from contrasting lithologies show large stocks of available nutrients (i.e. phosphorus, potassium, calcium and magnesium) to depths of up to 24 m. While fine rooting is found to be greatest in the upper 0,5–0,7 m of soil, these roots extend to depths of 5–15 m, indicating potential to utilise deep nutrient stocks. The utilisation of these stocks could greatly contribute to the long-term sustainable production of plantation forestry.

Supervisor: Dr A Rozanov
Co-supervisors: Drs R Burgdorf (*external*), A Morris (*external*)

KALLIDEEN, Reshika (Plant Pathology)

Determining the risk associated with the use of different mulch types in the spread of canker and wood rot pathogens in apple orchards

Canker and dieback reduce the yield and profitability of apple orchards. The use of mulches is an important practice in the fruit industry, and often, wood chips made from old apple orchards are used. This study determines the risk of mulch type used for the presence and transfer of canker pathogens to young apple trees. It assesses Fungal fruiting structures on mulch, and aerial spore dispersal patterns. It finds that apple tree chips made from infected trees are a source of viable spores that can infect young trees. The study results will support producers in their choice of mulch and improve apple production practices.

Supervisor: Prof L Mostert
Co-supervisors: Dr LJ Rose, Prof F Halleen (*external*)

LE ROUX, Andries Abraham (Agronomy)

Climate drivers of canola production: understanding and modelling current and future production potential in the Swartland region of the Western Cape

Canola is an important rotational crop in the Western Cape, South Africa, with its productivity potentially influenced by climate change. This study explores how rising temperatures, variable rainfall and elevated carbon dioxide affect canola physiology, growth, development and yield. Using controlled-environment experiments and field trials, the research shows that future climate conditions can increase yield potential when soil moisture is sufficient, but that heat and drought stress later in the season can limit performance. By selecting appropriate cultivars, applying water conservation practices and optimising planting dates, these risks can be reduced, supporting resilient and productive canola systems under future climates.

Supervisor: Prof SJE Midgley (*external*)
Co-supervisors: Profs PA Swanepoel, JA Strauss (*external*)

MALAHLELA, Harold Kgetja (Food Science)

Investigating the effectiveness of nano-bubbles on reducing microbial decay, maintaining quality and safety of fresh guava during postharvest storage

Regulatory barriers are becoming a constraint for the use of chlorine-based decontaminates in fresh-produce packhouses. This study comprises of stepwise investigations into the effectiveness of micro-nano-bubble (MNB) water for reducing microbial load and maintaining the quality of fresh guava during storage, as an alternative to sodium hypochlorite (NaOCl) wash. Using advanced microscopy, enzyme bioassays and proteomic tools, the research describes MNB's underpinning mechanism of action against the guava anthracnose causative pathogen *Colletotrichum gloeosporioides* as well as bacterial contaminants *Escherichia coli* and *Staphylococcus aureus*. MNB-treated 'Fan Retief' guava also retains better quality during storage.

Supervisor: Dr OJ Caleb
Co-supervisors: Drs ZA Belay (*external*), RR Mphahlele (*external*), Prof GO Sigge

MOLEPO, Dikobe Karen (Entomology)

Integrating DNA barcoding, bioclimatic modelling and habitat analysis to assess the diet and potential spread of *Vespula germanica* (Fabricius, 1793) in the Western Cape of South Africa

This study finds that *Vespula germanica* prey on a wide range of insect species, mainly members of the order Diptera. Woodland supports the highest dipteran prey diversity, suggesting that this land use type may offer optimal habitat or prey availability for *V. germanica*. These findings fill a critical gap in determining diet variations across different land use and habitat types in South Africa. The study will contribute to the understanding of factors influencing the maintenance and spread of *V. germanica*, as the study predicts the species' potential future distribution under specific bioclimatic and land use conditions in a Mediterranean climate environment.

Supervisor: Prof R Veldtman
Co-supervisors: Drs T Masehela *(external)*, B van Asch, D Daly *(external)*, Prof P Addison

MOTA, Maipato Margaret (Agronomy)

Induced mutation in potato to improve drought adaptation and productivity

Potato production is highly constrained by drought, particularly in water-limited regions of Southern Africa. This study assesses drought tolerance in four commercially grown potato cultivars and develops drought-tolerant mutant lines through induced mutation. Gamma irradiation and ethyl methane sulfonate are applied following in vitro sensitivity testing, and mutants are screened using osmotic and water-deficit stress. Selected mutants are evaluated under controlled glasshouse conditions at different water regimes. Several mutant lines exhibit enhanced drought tolerance, maintaining satisfactory growth, biomass and yield under stress. These findings demonstrate the potential of induced mutation breeding to improve potato productivity under water-scarce conditions.

Supervisor: Dr E Kempen
Co-supervisor: Dr C van der Vyver

NDOU, Mulweli Millicent (Agronomy)

The effects of age, germination pre-treatments, biological amendments and residue management on weedy ryegrass seed germination and longevity

This study investigates the persistence of ryegrass (*Lolium* spp.), the world's most challenging agricultural weed, which reduces crop yields and has developed widespread herbicide resistance. The results show that ryegrass seeds remain highly viable (greater than 75% germination) after several years. However, accelerated ageing significantly reduces viability. One-year seed burial trials show a limited decline, with 95% still viable after one year. Ryegrass seedbanks are highly persistent, so growers should not rely on natural mortality. Longer-term burial studies are recommended to assess true decay rates. Furthermore, seed dormancy and long-term viability exacerbate infestations, necessitating alternatives to chemical control.

Supervisor: Dr MJ Ferreira (*external*)
Co-supervisors: Drs PJ Pieterse, E Kempen

NYAMENDE, Nandi Elana (Food Science)

Impact of electrolysed water treatments and packaging on physiological characteristics, biochemical content, phytonutrients and microbial load of fresh-cut 'Granny Smith' apples

Fresh-cut apples are highly susceptible to quality deterioration, enzymatic browning and microbial growth. Often, chlorine-based treatments have been used; however, heightened public health concerns demand alternatives that are as effective, safe and affordable. This study optimises the application of electrolysed water pretreatment in combination with modified atmosphere humidity packaging (MAHP) as a novel approach for maintaining the quality and safety of fresh-cut apples. The findings elucidate the underlying mechanism of anti-browning and antimicrobial actions for electrolysed water on fresh-cut apples. The designed MAHP system effectively minimises water vapour condensation and extends produce shelf-life.

Supervisor: Dr OJ Caleb
Co-supervisors: Dr ZA Belay (*external*), Prof GO Sigge

SHAIKH, Ayesha (Plant Pathology)

Quantitative trait loci associated with resistance to maize ear rots

Maize ear rots, caused by mycotoxigenic fungi, pose serious food security and food safety risks in sub-Saharan Africa. The diseases lead to significant yield losses, while the causal fungi produce mycotoxins that can affect human and animal health. In this study, resistance to ear rot pathogens in African maize is explored by combining field evaluations with genetic mapping and metabolomic profiling. Key genomic regions and plant metabolites are identified that distinguish resistant from susceptible plants. These findings will deepen our understanding of maize resistance mechanisms that can be used for the breeding of hybrids with improved disease resistance and reduced mycotoxin contamination.

Supervisor: Dr LJ Rose
Co-supervisors: Prof A Viljoen, Dr R Prins (*external*)

SIBIYA, Zimbili Bonisiwe (Forest Science)

Strategic alignment and appropriate technology adoption for plantation-based small- and medium-scale silviculture operations

Commercial timber plantations supply the construction, furniture, bioenergy and paper-and-packaging industries with raw materials essential to society. Forestry cooperatives pool expertise, resources and marketing, enabling small and medium-scale growers to access professional services on an as-needed basis. Serving diverse members, these cooperatives face a fundamental challenge: aligning organisational strategy with appropriate technology adoption, while preserving participatory governance. This research conducts an integrated mixed-methods study of a South African forestry cooperative, developing a multi-criteria decision analysis framework that incorporates appropriate technology indicators for plantation-based silvicultural operations. The framework supports strategically aligned technology adoption decisions within cooperative governance structures.

Supervisor: Prof B Talbot
Co-supervisor: Dr C Häggström (*external*)

SMITH, Jan Ryno (Wine Biotechnology)

Employing multi-omics toolkits to investigate cell-wall-related responses to mycoparasitism

Microbial ecosystems provide the foundation that supports all living systems on earth. Research to date has described the species composition of many of these ecosystems, but the mechanisms that govern the interactions between species remain largely unknown. Physical predation between microorganisms provides an excellent model to elucidate broader questions about species interactions and ecosystem functioning. This study investigates various aspects of predation by the yeast *Saccharomycopsis schoenii*, including its prey species preferences, and the physiological and molecular responses of prey species to predation. The data contribute to our understanding of microbial predation processes and the functioning of microbial ecosystems in general.

Supervisor: Prof FF Bauer
Co-supervisor: Dr R Naidoo-Blassoples

SNYMAN, Maxi (Entomology)

Advancing *Tephritidae* biology for improved pest management: estimating dispersal potential, landscape connectivity and environmental stress adaptations

Fruit flies are major agricultural pests that threaten the production and trade of high-value fruit crops. They have a high dispersal ability and broad environmental tolerances. This study advances our understanding of these flies' biology and movement through agricultural landscapes, using physiology, geometric morphometrics and landscape genetic tools. Novel results demonstrate that fruit type and temperature affect population growth rates and spread. Genomic analyses identify genetic relatedness and dispersal pathways, which are used to define management units and identify regions at risk of reinvasion. This integrative approach provides new insights for advancing area-wide management strategies and ensuring regional biosecurity.

Supervisor: Dr M Karsten
Co-supervisors: Profs JS Terblanche, P Addison

TRUTER, Karen Joané (Agronomy)

Utilisation of precision agriculture to improve agronomic management and increase profitability in South African field crop production systems

This study evaluates how precision agriculture can improve input efficiency and profitability in South African field crop production systems. Using a data-intensive farm management framework, the research combines a systematic review, a national producer survey and data-intensive on-farm trials in soybean, maize and wheat. Results show that precision technologies are increasingly adopted by producers, but remain constrained by economic and knowledge barriers. Optimised flat-rate and variable-rate seeding strategies consistently outperform producers' standard practices, although the benefits are crop, site and season-specific. The research provides a decision-support framework that links agronomic optimisation with producer adoption, supporting data-driven and sustainable crop management.

Supervisor: Prof PA Swanepoel
Co-supervisor: Prof F Meyer (*external*)

VENTER, Manfred (Agronomy)

The impact of different fungicide product combinations on malting barley yield, quality and profitability in the Western Cape of South Africa

Malting barley is an important crop, but foliar diseases such as net blotch increasingly threaten yield, grain quality and farm profitability. Analysis of farmer fungicide records over four years shows a shift towards intensive programmes using succinate dehydrogenase inhibitor (SDHI) fungicides, increasing resistance risk. Molecular screening of over 1 000 *Pyrenophora teres* isolates confirms multiple mutations linked to SDHI resistance – the first evidence of this resistance in South African barley. Field trials show that fungicide performance and profitability depend strongly on disease pressure, site conditions and cultivar. The findings emphasise the need for risk-based fungicide use, resistance monitoring and integrated stewardship.

Supervisor: Prof PA Swanepoel
Co-supervisor: Dr N Harvis (*external*)

WEMER, Nynke (Conservation Ecology)

Cheetah conservation in a changing landscape: habitat, conflict and connectivity in Southern Africa

Free-roaming cheetah in Southern Africa face a shrinking habitat, increased human conflict and uncertain numbers. This study combines habitat modelling, landowner surveys, large-scale camera trapping and behavioural experiments to address these challenges. Results show that the most suitable cheetah habitat lies outside of protected areas; that landowners often overestimate cheetah presence and conflict; and that free-roaming cheetah flexibly adjust activity and site use to avoid humans and competitors. The work also reveals an estimation of <100 individuals in South Africa, significantly lower than the previously expected 800. This underscores the need for urgent conservation efforts to ensure that the remaining population survives.

Supervisors: Profs J Komdeur *(external)*, A Leslie
Co-supervisor: Dr V Naude

WINN, Jessica (Genetics)

An evolutionary ecological genomics study to inform conservation and management of the smoothhound shark, *Mustelus mustelus*, at regional and oceanic/global scales

Chondrichthyans face unprecedented Anthropocene pressures, and the common smoothhound, *Mustelus mustelus*, exemplifies this vulnerability due to its nearshore habitat use and thermal sensitivity. This study integrates mitophylogenomics and seascape genomics to investigate its evolutionary history and adaptive potential. Newly assembled mitochondrial genomes clarify Triakidae relationships, revealing two *Mustelus* clades and a likely reproductive-mode reversal. Long-read sequencing shows deep northern-southern hemisphere divergence shaped by past climate and ocean barriers. Genome-wide analyses indicate weak neutral structure, but strong adaptive differentiation driven by environmental gradients. Adaptive variation exposes meaningful population structure, underscoring the need for conservation units defined by adaptive genomics.

Supervisor: Prof AE Bester-van der Merwe
Co-supervisor: Dr SN Maduna (*external*)

ZIEFF, Daniel (Wine Biotechnology)

Mitigation of smoke taint in red wine by oenological yeast strains

Increasing wildfire frequency has heightened the risk of smoke taint in wines, yet limited attention has been given to how yeast enzymes can reduce smoke taint characteristics during fermentation. This research examines glycosidase activity of yeast during fermentations of smoke-exposed grape juice, focusing on non-*Saccharomyces* species and their ability to liberate glycosylated volatile phenols responsible for the sensory defect. Screening of 30 strains reveals variable enzyme activity. Subsequent enzyme characterisation and winemaking trials demonstrate that β-glucosidase activity is strongly influenced by fermentation conditions and, unexpectedly, that *Saccharomyces cerevisiae* can exhibit high activity early in fermentation. These findings inform future mitigation strategies.

Supervisor: Prof BT Divol
Co-supervisor: Prof M du Toit

HOME PAGE TUISBLAD

Master of Science
Magister in die Natuurwetenskappe

Dlamini, Simphiwe Ntombikhona (Entomology) *(cum laude)*
Doyle, Courtney (Sustainable Agriculture)
Jonas, Aphelele Thandubuntu (Sustainable Agriculture)
Lategan, Trevor Daniel (Sustainable Agriculture) *(cum laude)*
Mehlwana, Athandile (Entomology)
Molokoli, Poloko John (Sustainable Agriculture) *(cum laude)*
Nkambule, Sandile (Sustainable Agriculture)
Potgieter, Kirsty Hailey (Plant Pathology) *(cum laude)*
Simali, Ndivhuho (Wine Biotechnology)
Van der Walt, Stefni (Plant Pathology) *(cum laude)*
Van der Watt, Donnathea (Wine Biotechnology)
Witbooi, Liam (Wine Biotechnology)

Master of Science in Agriculture
Magister in die Natuurwetenskappe in Landbou

Albertyn, Jessica (Soil Science) *(cum laude)*
Barry, Megan Mari (Agronomy)
Barton, Jessica Claire (Agricultural Economics)
Claassen, Jean Pierre (Horticultural Science)
Ellerbeck, Rebecca Anne (Agronomy)
Farquhar, Megan Ruby (Plant Pathology) *(cum laude)*
Grobbelaar, Theunis Johannes (Animal Science)
Hans, Jade Christene (Agronomy)
Herholdt, Ineke (Oenology) *(cum laude)*
Hlongwane, Nokukhanya (Animal Science) *(cum laude)*
Kleynhans, Andre Calitz (Entomology) *(cum laude)*
Kupelo, Nandipa (Agricultural Economics)
Malebati, Emily Mpho (Horticultural Science) *(cum laude)*
Mbulawa, Viwe (Plant Pathology)
Mthalane, Nokwethemba Happiness (Viticulture)
Naudé, Nanje Hannah (Horticultural Science)
Nyosi, Lihle (Animal Science)
Pienaar, Johan Cornelissen (Horticultural Science)
Pollard, Naulette (Animal Science)
Ramos, Daniela (Horticultural Science) *(cum laude)*
Roux, Izak Herman (Agronomy)
Sampson, Caitlin Leigh (Animal Science) *(cum laude)*
Schultz, Keagan (Agricultural Economics) *(cum laude)*
Segole, Kagiso (Agricultural Economics)
Shaikh, Azharuddin (Agronomy)
Shao, Okamelang (Agronomy)
Smit, Annelie (Entomology)
Smook, Gustav Johann (Oenology) *(cum laude)*
Spreeth, Barend Petrus (Horticultural Science)
Stemmet, Christo (Animal Science) *(cum laude)*
Theron, Jan Antonie Alexander (Horticultural Science) *(cum laude)*
Van Blerk, Katelin (Animal Science)
Van der Westhuizen, Christian (Agricultural Economics) *(cum laude)*
Van Rooyen, Rigardt Johan (Entomology)
Van Santen, Pieter Johannes (Agronomy)
Van Wyk, Jasper Johannes Jacob (Animal Science) *(cum laude)*
Van Zyl, Jacobus Arnoldus (Horticultural Science)
Van Zyl, Joline Elizabeth (Animal Science) *(cum laude)*
Visser, Kara (Agricultural Economics)
Vlok van Zyl, Anna Hendrieka (Oenology)
Wilson, Nathan Stefanus (Agricultural Economics)
Wimbush, Richard Dillon (Entomology) *(cum laude)*
Xogwa, Sihle (Viticulture)
Zantsi, Sive Andrea (Agricultural Economics)

Master of Science in Forestry and Wood Sciences
Magister in die Natuurwetenskappe in Bosbou- en Houtwetenskappe

Muller, Jean-Ryno (Wood Product Science)
Van Schalkwyk, Johannes (Wood Product Science)
Venter, Kuno (Forest Science)
Venter, Tertius (Forest Science)
Waugh, Jordan (Wood Product Science)

Master of Science in Conservation Ecology
Magister in die Natuurwetenskappe in Bewaringsekologie

Nel, Abbygale *(cum laude)*
Schlemmer, Ernst *(cum laude)*
Singo, Lola *(cum laude)*

Master of Science in Food and Nutrition Security
Magister in die Natuurwetenskappe in Voedsel- en Voedingsekerheid

Clouston, Arabella Shenley *(cum laude)*
De Matos, Savannah Jade Filipe *(cum laude)*
Haines, Hannah Grace
Joubert, Jeanne Irene *(cum laude)*
Koekemoer, Melissa
Liwani, Unathi
Matundu, Nandesora
Peoples, Jenna Alexandra *(cum laude)*
Sawe, Faith Chepkemoi
Shezi, Bongeka Eunice

Master of Science in Food Science
Magister in die Natuurwetenskappe in Voedselwetenskap

Barnes, Shae *(cum laude)*
Du Toit, Tanja
Olivier, Ilke *(cum laude)*
Sass, Clio *(cum laude)*

Master of Agriculture
Magister in Landbou

Chirwa, Clepperton (Agricultural Economics)
Venter, Lizaan (Agricultural Economics)

Bachelor of Science Honours
Honneurs-Baccalaureus in die Natuurwetenskappe

Dore, Emma Catherine (Wine Biotechnology) *(cum laude)*

Postgraduate Diploma in Agronomy
Nagraadse Diploma in Agronomie

Allwood, Mathew
Mfumbezi, Luvo
Petersen, Ainsley

Bachelor of Science in Agriculture
Baccalaureus in die Natuurwetenskappe in Landbou

Baloyi, Cheyeza Nicole (Plant and Soil Science)
Bergset, Brayden Paul (Agricultural Economics)
Botha, George Frederick (Plant and Soil Science)
Brink, Cornelis De Jager (Viticulture and Oenology)
Carter, Charles (Animal Science) *(cum laude)*
Coetsee, Tania (Agricultural Economics)
Dimane, Yonelisa (Animal Science)
Du Toit, Andries Gerhardus (Animal Science)
Emslie, William (Agricultural Economics)
Hanekom, Jack Posthumus (Plant and Soil Science)
Hector, Joshua Jesse (Plant and Soil Science)
Hill, Joe Christopher (Agricultural Economics)
Lombaard, Zander (Viticulture and Oenology)
Marx, Micke (Viticulture and Oenology)
Meeter, Jessica Kyla (Viticulture and Oenology)
Motshelanoka, Karabo (Plant and Soil Science)
Neethling, Jacobus (Animal Science)
Neser, Charles (Agricultural Economics)
Nthite, Goitseona (Plant and Soil Science)
Ntshane, Lesibana Daniel (Plant and Soil Science)
Prins, Stephanus Gabriel (Plant and Soil Science)
Robbertze, Jacques (Agricultural Economics)
Seakamela, Mpho Catherine (Agricultural Economics)
Stumpf, Karla (Plant and Soil Science)
Van Rhyn, Kara Christa (Animal Science)
Van Zyl, Livan Deon (Plant and Soil Science)
Veerapen, Erin Samantha (Agricultural Economics)
Verwey, Albert Lintvelt (Viticulture and Oenology)
Winterbach, Caitlin (Agricultural Economics)
Zonke, Fadzai Priscilla (Animal Science)

Bachelor of Science in Conservation Ecology
Baccalaureus in die Natuurwetenskappe in Bewaringsekologie

Nel, Joshua

Bachelor of Science in Food Science
Baccalaureus in die Natuurwetenskappe in Voedselwetenskap

Moeketsi, Mmabatho

Bachelor of Agriculture
Baccalaureus in Landbou

Arendse, Dale (Agri-Business Management)
Atsell, Dean
Bolton, Nicholas Neville (Agri-Business Management)
Du Toit, Pierre Jacobus
Heyns, Johan Gerhard (Agri-Business Management)
Hugo, Aldrich
More, James Chalkley (Agri-Business Management)
Mthethwa, Nokwazi Eudia (Agri-Business Management)
Mtshubungu, Alungile
Nkambule, Mthokozisi Sidney
Rossouw, Stephanus Petrus
Slack, Chad

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forward together
sonke siya phambili
saam vorentoe

Faculty of Economic and Management Sciences (Group 1)

25 March 2026 | 09:00

Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 1)

25 Maart 2026 | 09:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Vice-Chancellor.
	4. Welcome by the Vice-Chancellor.
	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Vice-Chancellor.
	6. Closing by the Vice-Chancellor.
Please stand	7. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Visekanselier.
	4. Verwelkoming deur die Visekanselier.
	5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Visekanselier.
	6. Sluiting deur die Visekanselier.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

Faculty of Economic and Management Sciences (Group 1)
Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 1)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Commerce
Magister in die Handelswetenskappe

Brings, Jared Connor (Industrial Psychology)
Bröhm, Isabella Cara (Business Management)
Cameron, Peter James (Industrial Psychology)
Dekker, Catharina Hedwig (Industrial Psychology)
Du Toit, Megan Gene (Industrial Psychology)
Espag, Sabrina (Industrial Psychology)
Hasheela, Clara Tuyakula (Industrial Psychology)
In-Albon, Livia (Business Management) *(cum laude)*
Keymer, Carissa (Industrial Psychology)
Keyter, Jens (Industrial Psychology)
Robberts, Zoë (Industrial Psychology)
Smyth, Chelsea (Industrial Psychology) *(cum laude)*

Master of Philosophy
Magister in die Wysbegeerte

Cekiso, Zanele (HIV/AIDS Management)
Khaba, Moshawa Calvin (HIV/AIDS Management)
Thae, Tsholofelo Thelma (HIV/AIDS Management)
Vilakati-Mahlangu, Lamlile Gcinile (HIV/AIDS Management)

Bachelor of Commerce Honours
Honneurs-Baccalaureus in die Handelswetenskappe

Daweti, Lisakhanya (Industrial Psychology)
Dixie, Jane Trinette (Human Resources Management)
Kunene, Siphesihle Colette (Industrial Psychology)
Louw, Hanru (Business Management)
Moeng, Lethabo (Human Resources Management)
Sikhuphela, Esethu (Industrial Psychology)
Siwendu, Hlumelo Anita (Industrial Psychology)
Smith, Eckhard Francois (Industrial Psychology)

Postgraduate Diploma in Strategic Human Resource Management
Nagraadse Diploma in Strategiese Menslikehulpbronbestuur

Dube, Thembalethu Precious
Khan, Tasneem
Makaya, Bajabulile *(cum laude)*
Manana, Keitumetse Mokgadi *(cum laude)*
Mathebula, Bongiwe
Mpungose, Thandeka
Naidoo, Adele Cora
Ngwenya, Kedisaletsi Ntombifuthi Bella
Nongogo, Tina
Ntshangase, Davene
Swartbooi, Natasha

Postgraduate Diploma in HIV/Aids Management
Nagraadse Diploma in MIV/ Vigsbestuur

Amunyela, Hilaria Ndahambelela Kagwedha Nombili
Aphane, Tsegofatso Sharon
Aupindi, Reinhilde
Azagsiba, Ramona Asumbuno *(cum laude)*
Badi, Zelekazi Zelta
Bale, Mamello Joyce
Bale, Thilivhali
Banti, Siphosethu *(cum laude)*
Basson, Mieke
Bezuidenhout, Shanidiné
Bila, Zanele Vanessa
Boag, Natalie *(cum laude)*
Bodirwa, Tshegofatso Graciois
Bomvu, Nqaba
Couter, Asisipho
Cwaile, Natalie Carol Koketso
Davhana, Dzivhuluwani
Diba, Melisizwe
Dimande, Bino Bettencourt
Diphofa, Mamokete Ngwanasekgala
Dladla, Msawakhe
Dlamini, Sindiswa
Dlamini, Sinosisi Candy
Dludla, Andile Lindokuhle Nana
Dubazana, Bonisiwe
Dube, Innocentia Fikile
Dube, Nolwazi
Dudley, Ami Crystal-Ann
Duma, Nokwanda
Dunga, Asavela
Dyantyi, Ayanda
Dyasi, Inathi
Fakude, Nokwazi Patience
Faku, Mongikazi
Feliti, Princess
Fipaza, Nelisa
Fokazi, Ziyanda *(cum laude)*
Fourie, Rudy Angus
Frans, Lucresia *(cum laude)*
Gabaake, Mathapelo Brenda
Gama, Mbali Zinhle
Goloza, Sinovuyo *(cum laude)*
Gqetywa, Anita Andisiwe
Gumede, Confide
Gumede, Nkululeko Cyril *(cum laude)*
Hamunyela, Steven Shihafeleni *(cum laude)*
Hlaha, Hlompho Andreas
Hlatshwayo, Nozibusiso Minenhle
Hlophe, Halalisiwe Shinny
Hlophe, Siphesihle Delani
Hlungwani, Nyiko Cynthia

Jaaroud, Irene Kgomotso
January, Zikhona *(cum laude)*
Jatileni, Ester Ndeumona Nande
Jim, Sesetu
Johnson, Asavela
Joni, Dumezweni
Jonkers, Aldurette Aydan *(cum laude)*
Kalake, Lebohang Gloria
Kandimba, Lydia Velipi *(cum laude)*
Keendjele, Emma
Kenya, Pumla
Kgadile, Evelyn Seipati
Khawula, Ellianorah Clementine
Khawula, Gugu Prudence
Khosi, Refilwe Precious
Khoza, Nyiko *(cum laude)*
Khoza, Samukelisiwe Zamasholozi
Khuze, Thandeka
Kohliso, Ziyanda
Kolisa, Akhona Phelokazi Prifide
Kotelo, Matseliso Martina
Kruger, Elmé *(cum laude)*
Kubheka, Precious Gugulethu
Kula, Nelisa
Kumalo, Jabulile
Lebea, Matome Evans
Legodi, Mahlatse Emmanuel
Lekokotla, Tshimollo Claudia
Lesiba, Mmakgotso
Lewis, Devaney
Liabara, Tshedza
Lufundo, Sinovuyo Pretty *(cum laude)*
Lupindo, Zingisa Faith
Luthuli, Nolwandle Nokuvela Ruby Evidence
Maake, Matjie Lovedelia
Mabaso, Thabisile
Mabe, Mmathapelo Pretty
Mabhontshi, Olwethu
Mabitse, Pabalelo Emmanuel
Mabizela, Thembi
Madela, Silindile Khethokuhle
Madushele, Mbhali
Maelula, Lerato Fluvurguster
Mafeane, Tumisane Titus
Maficela, Nombulelo Phathiswa
Magasela, Lungile
Magwa, Bukiwe
Magwebu, Vuyokazi Joyce
Mahlaku, Lorraine Nam
Mahlangu, Eulanda Sibongile
Mahlangu, Thuphi Lidiyer
Majozi, Sinegugu
Makamu, Tiyiselani
Makangala, Anelisa
Makgeledisa, Motshidisi Tidimalo
Makhanya, Nonhlanhla
Makhathe, Puleng Jeanett
Makondo, Evidence
Malahle, Asavela *(cum laude)*
Malete, Phinah Mogobe *(cum laude)*
Maluleke, Bonani Benney
Maluleke, Danny Kutshemba
Mamonong, Othusutse Adam
Mampu, Anna
Mamugudubi, Nompha
Mantja, Baitebadi Constance
Manyana- Kulu, Nompendulo Lena
Manzini, Ncobile Robin
Manzini, Wersley Leo
Maphumolo, Tshepiso
Masango, Nelisiwe Maria
Maseko, Julia
Mashaba, Kabelo
Mashabela, Mokgaetji Constance
Mashala, Mukhethwa
Mashala, Nthabiseng Jeniffer *(cum laude)*
Mashila, Muano
Mashilo, Dineo Stephina
Mashishi, Michael
Masiane, Promise Ntsekiseng
Masikane, Puleng Bettie
Masilo, Patricia
Mathe, Mpho Adelina
Mavundla, Penelop Sibonelo
Mayongo, Kuhle
Mazeka, Nonkululeko
Mbanjwa, Phumlani Wilfred
Mbioza, Wongalethu
Mbotya, Zamuxolo *(cum laude)*
Mbovane Nkohla, Bukelwa
Mbulaheni, Tshianeo *(cum laude)*
Mbuyane, Nomzamo Tselane
Mcwabe, Sibongile
Mdingi, Thembela
Mdleleni, Likhona Zizipho
Mfundisi, Msutukazi
Mgenge, Phindile
Mhlongo, Bawinile
Mhlongo, Nokulunga Khanyisile
Mkhansi, Ntsakisi *(cum laude)*
Mkhize, Ngcebo Simo
Mkhize, Pamela Nonzame *(cum laude)*
Mkhwanazi, Thembeka
Mkhwani, Nomthandazo
Mkuyana, Ntombikayise
Mlaba, Nosihle
Mlindi Keto, Nonzame
Mlombi, Ntombesine
Mncwango, Nokulunga Nosipho
Mncwango, Siphesihle
Mndawe, Neo Charmaine
Mndawe, Nompumelelo Mavis
Mngqibisa, Ndiliswa
Mnisi, Nalukhanyo Lucas
Mntwapi, Phumza
Modiba, Kidibone Juliat
Modibedi, Sibongile
Mofokeng, Mathoto Theresia
Mofokeng, Thembeka *(cum laude)*
Mofokeng, Tshepo
Mogola, Mamosadi Rose
Mohlake, Baby Refilwe
Mokgosi, Refilwe Priscilla
Mokoatle, Rejoice Moleboheng *(cum laude)*

Mokoena, Lebogang Grace
Molakeng, Mpho Cherity
Molapo, Nthabiseng Gloria
Moloi, Tshepiso Sinah
Moloto, Mantwa
Monareng, Lebea Drumond
Monei, Ontlametse
Moropana, Puseletso Seabele
Motau, Thandeka Venile
Mpambani, Zomzi
Mpetsheni, Okuhle
Mpholo, Makhotso Francinah
Mpofu, Yonela
Msibi, Busisiwe
Msimang, Siphesihle *(cum laude)*
Mthethwa, Mthokozisi
Mthethwa, Philisiwe Edna
Mtitshana, Siphesihle Siphelele *(cum laude)*
Mudau, Mutshidzi
Mudau, Rotondwa
Mukwevho, Lutendo
Mulaudzi, Adivhaho
Mulaudzi, Audrey
Mulaudzi, Beauty
Mulaudzi, Vinolia Tuduetso
Munzhelele, Vhulenda Kerin
Ncube, Joy Senzeni
Ndawo, Sihawukele Melusi
Ndayi, Aphilile
Ndelu, Samukeliso Brain
Ndhlovu, Bridget
Ndinisa, Hlengiwe Immaculate
Ndlala, Nombulelo
Ndlazi, Siqalokuhle Crosby *(cum laude)*
Ndlozi, Ayanda
Ndou, Philelo Ndou
Netshivhambe, Livhuhani
Nevhutalu, Marubini Ntakuseni
Ngceba, Lilitha *(cum laude)*
Ngcobo, Xolisile Fransisca
Ngcobo, Zanele Abegail
Ngobeni, Sandile Basani
Ngodwana, Lungisani
Ngwazi, Sizwe Charles
Ngwenya, Bonginkosi Joseph
Ngxeketo, Thandiswa
Nkhazi, Mapaseka
Nkosi, Precida
Nobhevu, Tsepiso Zinhle
Noga, Sipokazi
Nongabe, Sebabatso Geanette
Nonkonyane, Thamsanqa
Nonkwelo, Nontyatyambo
Ntanjana, Mbonge Joshua
Ntini, Lindokuhle Sinokuthaba
Ntjana, Mahlodi Elaine
Ntola, Annagracia Sebenzile
Ntombela, Mangalisile Wonderful
Ntsali, Asandiswa
Ntshangase, Nqobile Senzekile
Ntulini, Banele Shane
Ntuli, Nokuthula Princess
Nukeri, Deon
Nxumalo, Kwenzakwenkosi
Nyiba, Zisanda Sharon
Nzimande, Thobile Gladness
Oguttu, Benson
Pendeki, Guerschome
Petersen, Beau-Lee
Phakoe, Mafonase
Phokoane, Philander Peaceful
Qwabe, Vuyiswa Patience *(cum laude)*
Raliwedzha, Rotondwa
Ramoroka, Tlou Jerida
Ranwedzi, Phumudzo
Sabasaba, Nobantu
Saziwangana, Yolanda
Sehlabo, Malithebe Khubetsoana
Sekgoro, Tlotlo *(cum laude)*
Sfako, Phakama
Shangase, Nomfundo
Shange, Khululekile Rosseta
Shange, Siphamandla
Shange, Thokozani Zinhle
Shezi, Nokulunga Ningi
Shezi, Nomusa
Shezi, Siyabonga Gugulethu
Shinga, Nonhlanhla Happiness
Sibande, Nompumelelo Innocencia
Sibidla, Enika Siyasamkela
Sibisi, Nonkululeko
Sibiya, Samukelisiwe
Siditsha, Wanga
Sithole, Nolwazi
Soko, Mthokozisi Rodgers
Sokutu, Sibulele Zizipho
Somfula, Petronella
Somlota, Thembela
Sotsaka, Andiswa
Sotshononda, Phumza
Soyoyo, Samkelo
Spiegel, Godhard
Sukwana, Cebolakhe
Sumione, Mpho Brian
Tanaboti, Anathi
Teffo, Kamogelo Matlhodi
Tenza, Nkululeko Freedom
Thaba, Kgathola Thuli
Thekiso, Nicolette
Thema, Makubu Lisah
Thulo, Joseph Bokang
Thusi, Balungile
Thwalima, Tshivhidzo
Tildini, Aseza
Tlapana, Neo Silverina
Tshabangu, Paballo
Tshika, Bathini
Tsogang, Kagontle Bervely
Ubisi, Malwandla
Vilakazi, Bongiwe Valentia
Vundla, Zakhele Praisegod
Webster, Shenodine Shaina Christine
Wetshe-Mthinjwa, Phumza
Xuba, Milani

Yende, Nomhle Portia Pretty
Zama, Nosphiwo Purity
Zingxondo, Miracle
Ziqubu, Duduzile Nomalungelo
Zitha, Nthabiseng
Zitha, Phengulephi Melaine *(cum laude)*
Zoleka, Nolwazi
Zondela, Sivania Meagan
Zotshana, Ncamisile
Zulu, Banele Portia Thuthukile

Bachelor of Commerce
Baccalaureus in die Handelswetenskappe

Alant, Alexandra Anne
Alp, James Nicholas David
Alsworth-Elvey, Joshua Liam
Anderson, Jamie Miree
April, Jenna
Astengo, Gianluca
Badenhorst, Jacques Wessel
Banderker, Shezaad
Barker, Jaime
Bekker, Liam Earl
Bell, Nicholas
Bergset, Matthew Joseph
Bester, Carla
Bezuidenhout, Rikus
Botha, Anke
Burger, Mianke
Cameron, Ben
Campbell, Jamie Philippa
Chonco, Siphesihle
Clucas, Joseph
Coakley-Eager, Tadgh Emmett Molyneux
Colman, Hanna
Crookes, Bevan
Cumming, Michaela
De Azevedo, Dante Dresselhaus
De Wet, Matthew
Dijkstra, Christiaan
Du Preez, Justin Daniel
Du Toit, Charl
Erasmus, Theunsina Christina
Fenger, Tyra
Fleming, Benjamin
Flint, James
Forbes, Kaelem
Forsyth, Frances
Franke, Matthew
Frodsham, Lara Donia
Gillesen, Ross David
Gobodo, Sokhanya
Gowraki, Thasmae
Grant, Connor James
Greeff, Justin Wynand
Gresse, Ankia
Hansraj, Taedi
Islam, Sharika
Janse van Rensburg, Liné
Jorgensen, Arthur Robert
Joubert, Thomas Pieter
Kadziyanike, Tasimbiswa
Kajee, Malika
Kajee, Muhammad Ahmed
Keevy, Casey
Kennealy, Georgia
Kent, Daniel John
Khan, Moegamat Tauriq
Kivanda, Bourgeoise
Kruger, Daniel Thomas
Lashmar, Emma Margo-Lu
Latouf, Mark
Lindeque, Juan
Loftie-Eaton, Keagan
Magadla, Lusisipho
Maharaj, Shreya
Martell, Joshua Connor
McKenzie, Natasha
Meyer, Charné Antoinette
Mlambo, Judith Redemer
Molefe, Nathan Dilorwe
Montgomery, Ross
Moswete, Bokang Brilliance
Myburgh, Hannah
Nathan, Nicole
Neethling, Jana
Ngobeni, Ezekiel Mzamane
Nyaka, Putuma
Olbrich, Max
Olivier, David
Ontong, Justine
Penderis, Monique
Perrins, Bradley lloyd
Phiri, Florence
Pickard, Jacques Kaiser
Pieterse, Gerard
Poyo, Colm
Prowse, Matthew
Reddy, Dhesan
Roberts, Mia
Robertson, Isla Mcallister
Schmidt, Graham Anthony
Scott-Anderson, Hunter
Sewram, Shivana
Shelton, Kaylynn
Sieff, Nicholas David
Simpson, Sarah
Spinola, Abigail
Stanton, Christina
Steenkamp, Ruan
Swanepoel, Armandt
Swart, Leri
Templeton, Gabriel Anthony
Thabethe, Oreneile
Thomson, Dylan Allan
Tolmay, Ruben
Tredoux, Vivienne Fiona
Van der Merwe, Annebelle
Van der Westhuizen, Zack
Van Heerden, George Marthinus
Van Nieuwholtz, Nadine
Van Reenen, Vaughn Michael
Van Rensburg, Ingrid

Van Zyl, Jenna Cayla
Venter, Benjamin Wilhelm
Vermeulen, Carli Geney
Vilakazi, Ntando
Voogt, Ethan-Ben
Walker, Isla
Walker, Kyle
Watt, Danielle
Welkom, Beyoncé Georgina
Williams, Charlotte Anne
Wimbush, Richard Ryan
Yiallouris, Demetri

Bachelor of Commerce in International Business
Baccalaureus in die Handelswetenskappe in Internasionale Besigheid

Biccard, Duncan
Brammer, Erin Jill
Breytenbach, Megan
Bruwer, Liesje Ineke
Burger, Brigit Thalia
Buys, Anja
Clarke, Adam Lockley
Cobbold, Emily Jade
Cullis, Tamsyn Leigh
De Clerk, Mart-Mari
De Ridder, Anke
Dos Santos, Marina Isabel
Du Plooy, Christiane Erica
Du Preez, Julia
Els, Nicholas Andre
Hardisty, Natalie-May
Hitchings, Luke
Human, Ilke
Ingpen, Mila Kay
Kelbrick, Bianca Mari
Kidd, Nicholas
Küsel, Zelda
Langston, Jodi *(cum laude)*
Liversage, Marí *(cum laude)*
McDonald, Holly
Morby-Smith, Jason
Mortleman, David James
Myburgh, Liezl
Orpen-Lyall, Skye Jasmine
Ranchod, Riddhi Deepak
Retief, Marnel
Rey, Sebastien Michel
Swettenham, Keeran Grant *(cum laude)*
Terblanche, Hannah
Truter, Robyn *(cum laude)*
Venter, Elizabeth
Venter, Jené
Von der Heyden, Stefan

forward together
sonke siya phambili
saam vorentoe

Faculty of Economic and Management Sciences (Group 2)

25 March 2026 | 13:00

Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 2)

25 Maart 2026 | 13:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Deputy Vice-Chancellor.
	4. Welcome by the Deputy Vice-Chancellor.
	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Deputy Vice-Chancellor.
	6. Closing by the Deputy Vice-Chancellor.
Please stand	7. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Viserektor.
	4. Verwelkoming deur die Viserektor.
	5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Viserektor.
	6. Sluiting deur die Viserektor.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

Faculty of Economic and Management Sciences (Group 2)
Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 2)

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

MARAIS, Kurt (Operations Research)

Simulating affective information diffusion using natural language in online social networks

This study investigates how sentiment spreads through social media, and how this shapes the experiences of individuals with depression. Drawing on posts from Reddit's r/depression subreddit, the research brings together content analysis, topic modelling and thematic work to identify behavioural and linguistic markers of depression. It also develops a depression-specific sentiment lexicon that performs competitively against general-purpose tools. Based on insights from this phase, the study then designs an agent-based model of emotional diffusion on Twitter, which shows that sentiment spread drives emotional reinforcement rather than simple contagion. These findings extend infodemiology to non-communicable mental health conditions.

Supervisor: Dr L Venter
Co-supervisors: Prof SE Visagie, Dr S Merchant (*external*)

MUSTAPHER, Marrium (Economics)

Fiscal theory of price level and coordination of monetary and fiscal policies: Understanding the current public debt and inflation dynamics

This study investigates the influence of policy-mix regimes on the macroeconomic effects of monetary and fiscal policy shocks. It develops an NK-DSGE model featuring a coexistence regime (Regime M and Regime F combined), adapts it to South Africa, and extends it into a small open-economy model. The coexistence regime, with partially unbacked public debt, emerges as an effective policy mix that better stabilises public debt and inflation than Regime M and Regime F. It also serves as a preferred policy option in insulating the economy from foreign monetary shocks. Given South Africa's high debt and inflation risks, the coexistence regime is particularly significant for ensuring macroeconomic stability.

Supervisor: Prof G Liu

MWASEBA, Steven Lee (Economics)

Inequalities in child health in Tanzania: evidence on structural and systemic determinants of stunting

This research identifies effective strategies to reduce child stunting in Tanzania, with particular attention to rural disadvantage. Gaps in antenatal care use account for a substantial share of rural–urban inequality in stunting, underscoring the role of healthcare access in rural areas. Rotavirus vaccine rollout improves children's growth, suggesting benefits beyond diarrhoea prevention, and strengthening the case for immunisation as a nutrition-sensitive policy lever. Finally, the study finds that in rural settings, strengthening women's autonomy could improve child growth outcomes.

Supervisor: Prof R Burger
Co-supervisor: Prof DP von Fintel

NGALANDE, Timothy Alinafe (Economics)

Growth, productivity, labour misallocation and the paradox of apartheid in 20th-century South Africa

This study investigates why South Africa could industrialise rapidly while entrenching apartheid. It argues that apartheid imposed large, measurable economic costs by misallocating labour, depressing aggregate productivity and long-run development. Three studies build the case: (i) Growth accounting for mining and manufacturing shows racially biased technological progress in manufacturing, and extensive use of cheap, unskilled black labour in mining. (ii) A calibrated general equilibrium model estimates sizeable output gains from removing job-reservation frictions, with losses arising from allocative inefficiency rather than firm-level technology. (iii) Quasi-experimental evidence shows rail upgrades raised productivity by easing spatial segregation, improving access to industrial centres.

Supervisor: Prof J Fourie

ROWAN, Adriaan Izak (Mathematical Statistics)

Identifying decision boundaries to explain black box machine learning predictions

This research develops a novel model-agnostic method for interpreting machine learning models that explains why a model makes a particular prediction, and what can be changed to alter that outcome. This offers a computationally efficient way of identifying the nearest counterfactual (the smallest change that will result in a different prediction). This is achieved using biplot visualisation to approximate the model's decision boundaries and data points in two-dimensional space, also providing global interpretations of feature importance and model robustness. The result is a transparent explanation framework that supports actionable insights for decision-makers and individuals affected by model-driven decisions.

Supervisor: Prof S Lubbe

VAN JAARSVELD, Lauren Anne (Economics)

From ambiguity to action: rethinking the origins of shocks and crises

If an economic shock is bound to develop into a crisis, a costly policy response is warranted. However, the distinction between a shock and a crisis is not always clear in practice, and shocks are treated as if they are exogenous (unpredictable) in economic models. This study critically analyses definitions of shocks and crises, and uses innovative techniques to offer early warning signals of crises. In addition, a coherent and empirically grounded diagnostic framework is developed to support policymakers as they systematically judge when it is appropriate to take action.

Supervisor: Prof M Reid (*external*)
Co-supervisors: Profs P Siklos (*external*), J Kirsten

Faculty of Economic and Management Sciences (Group 2)
Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 2)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Commerce
Magister in die Handelswetenskappe

Beattie, Liam Andrew (Economics) *(cum laude)*
Bekker, Michaela Rene (Transport Economics)
Bence, JC (Financial Risk Management)
Dube, Sukoluhle Linda (Economics)
Dyson, Ranaldo Russel (Economics)
Fromet de Rosnay, Jean-Luc (Economics)
Gababonwe, Katlego (Economics)
Geyer, Charisa Amorie (Economics) *(cum laude)*
Grove, James William (Mathematical Statistics) *(cum laude)*
Harris, Leah (Transport Economics) *(cum laude)*
Kamoto, Ramzan (Economics)
Kruger, Matt (Economics) *(cum laude)*
Marais, Amy (Economics)
Massyn, Pieter Hendrik (Economics)
Meyer, Mia (Mathematical Statistics)
Moehrke, Patrick Gary (Actuarial Science)
Mooketsi, Tlotlo (Economics)
Mvundla, Zenzo (Computer Auditing)
Naidoo, Tashen (Economics)
Nyoni, Adelaide Thandolwenkosi (Computer Auditing) *(cum laude)*
Petersen, Ro-Eagan Roche (Economics)
Ragoleka, Boitumelo Vuyo (Financial Risk Management)
Ranwell, Kara (Economics)
Staal, Henri (Actuarial Science) *(cum laude)*

Master of Accounting
Magister in Rekeningkunde

Muller, Rista-Mari

Bachelor of Commerce Honours
Honneurs-Baccalaureus in die Handelswetenskappe

Achmat, Mogamad Tayeb (Management Accounting)
Beukes, Janke (Management Accounting)
Bothma, Jacobus Nicolaas (Actuarial Science)
Bowmaker, Katherine Rebecca (Logistics Management)
Chanza, Sally (Economics)
Chiwalo, Michelle (Economics)
Coetzee, Jana (Economics)
Cole, Ethan (Management Accounting)
Da Silva, Rosalia Emmanuela Ferreira (Management Accounting)
Gumbi, Sinazo Sakhile (Management Accounting)
Hartley, Oliver James (Economics) *(cum laude)*
Hickman, Chloe (Economics)
Jansen van Rensburg, Liezl (Economics) *(cum laude)*
Jonker, Karla (Economics)
Kaseya, Milka Lukusa (Economics)
Keel, Anine (Economics)
Khosa, Tshulani Hopewell (Economics) *(cum laude)*
Kruger, Gustav Herbert Bingle (Economics and Mathematical Statistics)
Lane, Connor (Economics)
Lemmer, Natasha (Economics)
Mafani, Luphelele (Management Accounting)
Makha, Boloetse Olivia (Economics)
Maseko, Kieron (Economics)
Matanda, Chris Mulangu (Management Accounting)
Matope, Happy (Economics)
Mitrovic, Aleksandar (Economics)
Monta, Sinakho (Logistics Management)
Murray, Hugh Darren (Management Accounting)
Mwenebanda, Jennifer (Economics)
Mzungu, Martina Joyce (Economics)
Nash, Anya (Economics)
Netshiozwi, Mpho Events (Management Accounting)
Newman, Harry James (Economics)
Nkosi, Kimberleigh Khanyisile (Economics)
Pepu, Luxolo (Economics)
Plotz, Aiden Brian (Financial Risk Management)
Raubenheimer, Martin (Economics)
Roux, Liam Van Zyl (Economics)
Rowe, Sarah Abi (Economics) *(cum laude)*
Shiller, Luke Michael (Economics) *(cum laude)*
Stevenson, Kayla Jade (Management Accounting)
Steyn, Johan Junior (Economics)
Stofberg, Stephan Eksteen (Economics)
Theron, Anje (Management Accounting)
Theron, Jacques (Economics)
Theron, Sam Vuyo (Economics) *(cum laude)*
Tonkin, Cade Herman (Management Accounting)
Van Eeden, Monique (Economics)
Van Herzeele, Ross Tom Wim (Economics) *(cum laude)*
Van Niekerk-Edwards, Marcel (Actuarial Science)
Viljoen, Elizabeth (Economics)
Walenga, Ndadala John Inodhimbwa Nangobe (Economics)
Wege, Anja (Management Accounting)
Winterbach, Megan (Economics)
Xhalisa, Ukho-Mhlantla (Economics)

Bachelor of Accounting Honours
Honneurs-Baccalaureus in Rekeningkunde

Johnston, Adam Bruce Ian *(cum laude)*

Postgraduate Diploma in Accounting
Nagraadse Diploma in Rekeningkunde

Barrett, Mitchell
Basson, Dominique Leigh
Biju, Nimisha

Brews, Declan
Carstens, Megan
Christodoulou, Michael Tooulou
Combrinck, Herman
Crafford, Dirk
De Villiers, Jean
De Villiers, Marc
De Wet, Nicolette
Doyle, Sacha-Lee
Frommann, Zoe
Furness, Sammy-Lee Enrick
Gal, Beyonce
Hindmarch, Jemima May
Hind, Matthew
Hofmeyr, James Michael
Jacobs, Alberdene Kimberleigh
Kloppers, Abraham Christiaan
Kotwal, Ridwaan
Kotzé, Magdel
Lang, Stephen
Ledwaba, Tiiso
Louw, Charl Leon
Maketa, Elihle
Marivate, Linah Nsovo
Masango, Phodisho Phillipine
Mashiane, Kopano
Matjila, Lethabo Magnificent
Mayekiso, Sihle
Mazor, Tomer
Mgwebi, Lindokuhle
Millar, Megan
Modise, Rethabile
Msibi, Siyamthanda Andiswa Nolwazi
Munger, Matthew Grant
Ndevu, Mathabo
Ngesi, Khanyisile
Ntshani, Brilliant Shiluva
Pansegrouw, Johannes Gustav
Pillay, Tashen Rylan
Rajh, Jordan Luke
Ramukosi, Rikoniswangae
Raymond, Tamaryn Sharaya
Reeves, Michelle
Rossouw, Jordan Mathew
Schooling, Zandri
Serfontein, Hendrik Johannes
Smith, Robin Danielle
Van Breda, Matthew Alex
Van der Westhuizen, Tian
Verheem, Madison Grace
Vlok, Daniël Ferdinand
Wait, Ulrich
Woods, Matthew

Postgraduate Diploma in Transport and Logistics
Nagraadse Diploma in Vervoer en Logistiek

Ndhlovu, Chantel Rose

Bachelor of Data Science
Baccalaureus in Datawetenskap

Milner, Julian

Bachelor of Commerce
Baccalaureus in die Handelswetenskappe

Alberts, Christiaan Daniel
Alexander, John Connor
Baloyi, Khensani Sharlin
Banyard, James Malcolm
Basson, Christian Louw
Basson, Stephanus Lochner
Bath, Liam
Bester, Ross
Beyers, Johan David
Boehmke, Thomas
Botha, Chanré Jean
Britz, Chloé
Bush, Davenito
Byleveld, Stella Sophia
Carmody, Thomas
Cassel, Matthew
Chesa, Tshepang
Cillie, Simone *(cum laude)*
Claasen, Marcus Paul
De Jager, Lize
De Jager, Rachel Ronel
Demas, Nozeedah Beatrise
Du Plessis, Jani
Erasmus, Danelle
Fatyela, Zizipho
Ferreira, Lize
Ferreira, Robynne
Fiamoi, Michaela
Fourie, Emae
Gait, Peter
Geyser, Gavin Juan
Govender, Akeesha
Grobler, Kayla
Hall, Roan
Hamman, Michael James
Hart, Nicola Margo
Hayman, Jana
Haynie, Lyle
Hendrickse, Megan Debora
Hougaard, Neika
Howard, Vaughan
Hower, Maximilian
Human, Andre
Ivins, Campbell
Jabavu, Thandokazi
Jacobs, Daniel Johannes
Janson, Kenneth *(cum laude)*
Joubert, Luka *(cum laude)*
Kansiime, Shakira
Kayite, Bongolwethu Lonwabo
Koppeschaar, Zoe *(cum laude)*
Kruger, Stefan Bruno
Lalumbe, Ronewa
Lewis, Brooke

Liebenberg, Ruan
Lombard, Keira
Lourens, Salome
Lucas, Karla
Magnet, Dylan Christopher
Mahlatji, Lesego Bridget
Makhasana, Khabonina Tumelo
Mangcobonga, Sikelele
Maposa, Zandile Musawenkosi
Maposela, Sisikelelwe
Maske, Sofia Rose
Mbugua, Steve Maina
Mc Master, Carmen
Mhene, Ropafadzo Alison
Michaels, Rosemary
Miles, Ross
Miller, Jade Ceara
Mitchell, John Benjamin
Mkhwanazi, Noluthando
Mkula, Elo
Modise, Katlego
Molapo, Lebohang
Mononyane, Tirego Mmamodisa
Mouton, Wiehan Pitout
Mulangaphuma, Phophi Mufunwa Maggie
Muthu, Mishka Milliani
Myburgh, Philip Grant
Nel, Suzelle
Nel, Xander
Nieburg, Seth
Nkoana, Koketso Nhlanhla Joshua
Ntantiso, Phakamisa
Odendaal, Hanna Hiske
Opperman, Jacobus Van der Walt
Parbhoo, Ritesh
Parker, Jack
Parker, Robert William
Penfold, Aidan
Penzhorn, Lars Arne *(cum laude)*
Pestana, Jose Marco de Abreu
Peters, Maxine Emma
Pienaar, Daniel Emmanuel
Pitamber, Priyanka
Pretorius, Handri
Pretorius, Kehan Johann
Prins, Johannes Bian
Ramluckun, Arshia Selina
Ratohwa, Tadiwa Pride
Roelf, Kirwyn
Rosselli, Robyn Joy
Rossouw, Aldrich
Rossouw, Carolien
Rossouw, Pierre-Simon
Royden-Turner, James
Schimper, Petrus Johannes
Sello, Naledi
Serfontein, Ane
Smit, Anna Louisa *(cum laude)*
Stauch, Jaden Caleb
Steynberg, Minette
Summersgill, Rebecca
Swartz, Robyn Rene
Theorides, Xenia Joan
Thothori, Zwothe Joyert *(cum laude)*
Tripe, Matthew Julian
Ueckermann, Marne-Mari
Van der Merwe, Zan-Mari
Van Driessel, Ruan
Van Hoven, Pierre
Van Rensburg, Chante
Van Rhyn, Luc
Van Wyk, Mia Izabel
Van Zyl, James
Venter, Andre-Hugo
Volschenk, Theunis Johannes
Watt, Chané
Webber, Courtney Megan
Wiese, Reiner Klaus
Zenzile, Aphelele Makhanya
Zittlau, Bernard Gustav
Zwane, Zena

Bachelor of Accounting
Baccalaureus in Rekeningkunde

Abrahams, Chante
Adams, Amy
Adams, Zara
Arends, Caleb Joshua
Arnolds, Amy-Jane
Balie, Cody Prince
Beaumont, Michael Anthony Stewart *(cum laude)*
Bedeker, Luca Jacques
Bekker, Carl
Bosch, Megan
Botha, Cornelius Johannes
Botha, Louis Albrecht
Bruwer, Barend Gerhardus
Bruwer, Pieter Gutter
Cairns, Emma-Jane
Calenborne, Rhys
Campbell, Timiah
Carroll, Dylan Patrick
Charters, Tyler Jonathan
Chebani, Tendai Phelon *(cum laude)*
Chirwa, Irvin
Cilliers, Emma Ruth
Clarkson, Grant Cameron
Cloete, Kaybe
Cotterell, Alexandra
Da Silva, Bianca Maria
Dahl, Christof Frans
Davies, Luke
De Gray Birch, Kyra Mijanou
De Kock, Conrad
De Villiers, Paul
De Wet, Andre Pieter
Dempers, Johannes Abraham
Diemont, Alexa
Dippenaar, Lize-Therez
Doubell, Pieter
Dreyer, Olivia
Druce, Jasper
Du Plessis, Eduard Pierre

Du Toit, Linelle
Du Toit, Pieter Jacobus
Dykes, Taryn
Ellis, Katinka
Erasmus, Sune
Germishuysen, Nina Annali
Gilson, Lucy
Gordon, Liam Dean
Gräbe, Daniël Roux
Haifidi, Tangi-Tuna
Hall, Duran Orlando Hatton
Hamman, Hester Sophia
Ham, Matthew Travers
Hansen, Sune
Hendricks, Reece
Hermanus, Zoe Mia
Heyns, Francois
Hicks, Jonathan Mark
Hlungwani, Fumani Penyisi
Holmes, Daniel
Hulett, Sophia Rose
Jansen, Zirk
Kader, Mubeen Mohamed
Kain, Thomas Alexander
Kaleni, Khwezi
Kangueehi, Zeekurua Uaenenisa
Kato, Akhona
Kent, Emma
Knipe, Lefebre Hercules
Kommer, Lisa
Kotze, Carla
Kruger, James
Krynauw, Ewan Wilhelm
Krzychylkiewicz, Cassady
Lamont, Carlin Stanley
Lawrance, Hilton Reece Lister
Leibold, Rian
Lemmer, Daniell
Loubser, Suzaan
Louw, Mignon
Love, Lothan Landore
Luderitz, Adolf
Majoos, Pernall Keagan
Makiwane, Moses
Maloney, Anuk
Manuel, Marsha *(cum laude)*
Mapitsha, Lisolethu
Mashumu, Regodile Matshepo Ruth
Mathaba, Meshy
Matiwane, Mambesi
Mbatha, Nokwazi
Mbenenge, Spumle
Mbhombhi, Imargine
Mbilana, Nasiphi
McDonald, Dennis
McGillivray, James Alistair
Minnaar, Niquin Ilandrey
Moolman, Clarise
Morland, William Peter
Mortlock, Jordan Patrick
Mostert, Engelbrecht
Mouton, Monay
Mouton, Ruben Andries
Mudzielwana, Anokunda
Murphy, Cameron James
Mutsungi, Tanatswanashe
Naicker, Tristan
Naik, Raeesa
Ndibi, Lisa
Neethling, David
Nel, Tristan John
Nemakonde, Akonaho
Newman, Oscar Roy
Ngobo, Hlumelo
Nkambule, Lihle Tshimologo
Nortje, Andries Lourens
Nundlall, Bhavya
Nyamukapa, Karen Natsai
Pienaar, Diaan
Rivimbi, Mfihlo Munene
Rossouw, Kean
Schnebel, Mignon
Serei, Kgakololo Bareutlwa
Shtein, Adam Jack
Smith, Cathlene
Snyman, Giovanni Chadian
Spurrier, Brandyn
Staal, Micaela Francis
Steyn, Danica
Sutherland, Ian
Teofilus, Twahafifwa Epifania Malaadima
Thompson, Isabella *(cum laude)*
Thompson, Tyler Jude
Toerien, Nikita
Van den Berg, Charl Christiaan
Van den Berg, Megan
Van der Merwe, Lane
Van der Merwe, Paul Hendrik
Van der Merwe, Roelof
Van der Watt, Divan
Van Rooyen, Donrique Liam
Van Zyl, Anne
Van Zyl, Justin Nigel
Vermeulen, Nicola *(cum laude)*
Vermeulen, Wilhelm Loftie
Videler, Timothy Joel *(cum laude)*
Von Ludwig, Jomar
Weimar, Victor
Williams, Mishay
Xulu, Bandile
Young, Phoebe Zeta
Zheng, Zhicheng
Zuo, Eva

Faculty of Economic and Management Sciences (Group 3)

25 March 2026 | 17:00

Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 3)

25 Maart 2026 | 17:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Deputy Vice-Chancellor.
	4. Welcome by the Deputy Vice-Chancellor.
	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Deputy Vice-Chancellor.
	6. Closing by the Deputy Vice-Chancellor.
Please stand	7. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Viserektor.
	4. Verwelkoming deur die Viserektor.
	5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Viserektor.
	6. Sluiting deur die Viserektor.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

Faculty of Economic and Management Sciences (Group 3)
Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 3)

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

AJIBONA, Olusola Thomas (Development Finance)

Government health expenditure in developing countries: a comparative analysis with a focus on sub-Saharan Africa

Sub-Saharan Africa faces serious health challenges, including high maternal mortality and widespread infectious diseases. Improving health outcomes requires reliable and sustainable funding. This study examines how governments in the region finance healthcare. Using cross-country data, the research shows that economic growth helps, but does not fully close funding gaps; that rising labour costs (consistent with the outmigration of health workers) increase long-term pressure on health budgets; and that changes in the structure of foreign aid for health have influenced governments' spending decisions. The findings highlight the challenges of ensuring sustainable health financing and offer insights to inform health policy decisions.

Supervisor: Prof E Phimister

BOOYSEN, Malcolm (Public and Management Development)

Enhancing the financing and implementation of local government capital budgets: a case study of electricity and water infrastructure in selected Western Cape municipalities

South Africa has advanced service delivery significantly since 1994, yet persistent economic pressures, social inequality and deteriorating infrastructure continue to strain municipalities. Water and electricity systems are interconnected and face supply constraints, high tariffs and shifting consumption patterns, furthering municipalities' regression. Generally, Western Cape municipalities show that financial resilience and strong governance remain attainable. This study examines capital budget performance across eight Western Cape municipalities, using an in-depth case study approach. Key success factors include long-term planning, asset management, skilled personnel, legislative compliance, and community engagement. Municipalities sustain service delivery by prioritising new economic infrastructure and infrastructure grant expenditure.

Supervisor: Prof T Ajam

ENCHILL, Gifty Ewurama (Development Finance)

Political economy of gender and sustainable development: African evidence

This study analyses how female political representation and institutional quality jointly affect development outcomes in Africa. Using System GMM, Prais-Winsten panel-corrected standard errors, and Dynamic panel threshold regression, it finds that human development and financial inclusion improve with greater female representation, but only when institutional quality exceeds specific thresholds. Stronger institutions amplify the positive impact of female political representation. Furthermore, institutions positively moderate the relationship between female representation and health outcomes, enhancing life expectancy and immunisation coverage, while reducing maternal and child mortality. The study concludes that governance quality is a crucial conditioning factor for realising the full developmental benefits of women's political inclusion.

Supervisor: Prof MA Graham
Co-supervisor: Prof EK Agbloyor (*external*)

MWANANSHIKU, Christabel Ntemena-Mwila (Development Finance)

Financial reforms, financial development, income inequality and sectoral output: evidence from Zambia

This study examines how financial-sector reforms in Zambia since 1990 have influenced financial development, sectoral economic growth and income inequality. The results show that reforms strengthened the link between finance and growth only in the short run, with the strongest effects in manufacturing and services. The study also finds that financial development tends to widen inequality in the short run, but may help reduce inequality in the long run. These findings suggest a need for stronger regulation and oversight so that financial development promotes sustained, broad-based growth and helps narrow income inequality over time.

Supervisor: Prof A Fanta

NAIR, Ravindra Soobramoney (Business Management and Administration)

A coaching meta-framework for emotional intelligence development in frontline managers

This study investigates a challenge faced by organisations across the world: how to equip frontline managers with the leadership and emotional intelligence (EI) skills they need to foster engaged, motivated, high-performing teams. It does so by exploring how executive coaching can intentionally and effectively develop EI in frontline managers – a critical competency for strengthening leader-member exchange, boosting employee engagement, and enhancing organisational performance. The study unfolds in the three phases of Foundation, Focus Groups and Application, comprising canonical action research. It produces an evidence-based coaching meta-framework for coaching EI development in frontline managers.

Supervisor: Prof N Terblanche

SEYMOUR, Mark Lewis (Development Finance)

Essays on financial market regulatory frameworks and financial inclusion

This study examines regulatory impact on credit supply and pricing in segmented and underserved markets. A structural vector error correction modelling using quarterly data (2007 to 2024) demonstrates the differentiated transmission of regulation and macroeconomic shocks: It shows that non-prudential regulatory tightening in South Africa constrains credit to lower-income individuals and SMMEs, whereas higher-income markets tend to be more responsive to macroeconomic fluctuations. Analysis of a novel (augmented cost-recovery pricing) model based on 1 800 MFIs across 90 countries (2003–2018) reveals that outreach-focused institutions often price above a sustainable benchmark. In summary, regulation should account for financial inclusion and sustainable pricing.

Supervisor: Prof CKD Adjasi

TIMANA, Lovely (Public and Development Management)

An examination of Human Capital dimensions that has an influence on knowledge management practices to innovate: a case study of the State Security Agency (SSA)

This study investigates how human capital drives knowledge management, sharing and innovation in South Africa's State Security Agency (SSA). Through a mixed-methods case study, it shows that while technology enables processes, it is human capabilities, behaviours and organisational culture that ultimately determine success. Findings reveal strong links between knowledge practices and innovation, underscoring the need for people-centred approaches in intelligence organisations. The study introduces two original frameworks to guide collaborative, human-centric knowledge management aligned with ethical governance and digital transformation. These contributions provide actionable insights to strengthen institutional learning, innovation and resilience across the public sector.

Supervisor: Prof Z Ndevu

VAN DER WALT, Liesl (Business Management and Administration)

Evaluating the effect of cognitive-behaviourally informed artificial intelligence coaching on the development of leader character: a mixed-methods randomised controlled study

This study investigates whether an artificial intelligence (AI) coaching chatbot, informed by cognitive-behavioural coaching, can support the development of leader character. Using an explanatory sequential mixed-methods design, the research combines a randomised controlled trial with qualitative interviews in a manufacturing organisation. Findings indicate modest but meaningful improvements in selected leader character dimensions, alongside evidence that structured reflection, goal setting and behavioural experimentation can be effectively delivered through an AI modality. The study contributes to leader character theory, coaching psychology and AI coaching design, offering evidence-based insights for scalable, technology-enabled leadership development in contemporary organisations.

Supervisor: Prof N Terblanche
Co-supervisor: Prof S van Coller-Peter

Faculty of Economic and Management Sciences (Group 3)
Fakulteit Ekonomiese en Bestuurswetenskappe (Groep 3)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Commerce
Magister in die Handelswetenskappe

Koti, Lukhona (Public and Development Management)
Mwala, Namakau (Public and Development Management)

Master of Philosophy
Magister in die Wysbegeerte

Basson, Etienne Jacques (Sustainable Development Planning and Management)
Boswell, Kate Justine (Sustainable Development Planning and Management) *(cum laude)*
Carlyle, Benjamin Samuel (Sustainable Development Planning and Management)
Cotterell, Gary (Sustainable Development Planning and Management)
Jacobs, Trevor Edward (Sustainable Development Planning and Management)
James, Buhle Nikitha (Environmental Management)
Karonga, Sungeni Ruth (Sustainable Development Planning and Management)
Leuna-Obioha, Juliet (Sustainable Development Planning and Management) *(cum laude)*
Maila, Tswaledi George (Sustainable Development Planning and Management) *(cum laude)*
Mpofu, Ashley Nolwazi (Environmental Management)
Mukansi, Cheeza Delian (Environmental Management)
Poorun, Argon (Sustainable Development Planning and Management)
Sabisa, Lihle (Environmental Management)
Saner, Roger Malcolm (Sustainable Development Planning and Management) *(cum laude)*
Schumann, Sarah (Sustainable Development Planning and Management)
Sixholo, Joy (Futures Studies)
Smit, Jacques Erens Frans (Environmental Management)
Thusi, Fakazile (Sustainable Development Planning and Management)

Master of Philosophy in Leadership Coaching
Magister in die Wysbegeerte in Leierskapsafrigting

Brown, Andrew Beric *(cum laude)*
Burt, Candice Therese
Gaffoor, Nadeem
Heenop, Dewald
Hudson, Nicola *(cum laude)*
Hugo, Frederick
Marques, Alice *(cum laude)*
Olufemi-Ayoola, Kayode-Charles
Roux, Martha Petronella *(cum laude)*
Shiburi, Noza Ison
Strydom, Johann Willem
Tyamzashe, Nandipa Yolisa
Williams, Brandon Brian
Zuma, Nqobi

Master of Philosophy in Development Finance
Magister in die Wysbegeerte in Ontwikkelingsfinansies

Ahmad, Usman Altine
Bambani, Nelisa
Bambo, Kgaogelo Cecilia
Banda, Kampaka
Bhembe, Mbongeni Innocent
Bongoza, Mbali
Bulose, Sbusisiwe Sinothile Martha
Chirima, Margaret Munyaradzi *(cum laude)*
Dombwa, Betamou Patrick Herve
Fanikiso, Felicia *(cum laude)*
Fanisi, Yamkela
Geza, Babalwa
Gule, Nkosingiphile Thobile *(cum laude)*
Hausiku, Hilkka Katendo
Hihepa, Lineekela Hauala
Hlekane, Ntombizandile Makhanani
Jali, Lucky *(cum laude)*
Jikeka, Siyabonga Lawrence
Jonathan, Molapo
Kamana, Monica Ndeshipanda *(cum laude)*
Kamupira, Christian Takudzwa
Kangueehi, Veueza
Kariazu, Waithy *(cum laude)*
Khosa, Tsakani
Kubheka, Mbali Desree *(cum laude)*
Kubheka, Mfanafuthi
Lee, Monique *(cum laude)*
Lefothane, Keletso Lesego
Lekhuleni, Sebusang Sello Benjamin
Lesito, Katlego Thabo
Mabotha, Tebogo
Mabusela, Xolile Goodwill
Mabuya, Archie
Madliwa, Asanda
Madzeke, Petronellah
Magodielo, Modisane Shia Nobantu
Mahumani, Tsundzuka Theodore
Makhubela, George Sello
Mamuremi, Bongeka
Mandlake, Zanele
Mangaliso, Ongeziwe
Mapheto, Moeletji
Mapu, Simthembile
Marimo, Kelvin
Maseko, Nomfundo
Masinda, Luleka *(cum laude)*

Mataa, Manyando Nathan
Mathobo, Tendani *(cum laude)*
Mathole, Lopang Tebatso
Mazibuko, Sinethemba
Methuko, Naledi Cheryl
Mgudlwa, Nokwanda
Michello, Naloobo Moonde
Mkhaliphi, Thulani
Mnguni, Sibongiseni Ndumiso
Mnisi, Ntombifuthi Promise
Mobwano, Ebubu *(cum laude)*
Mogoane, Mmakgotso
Mogohlong, Peggy
Mokadi, Kidwell Senokopela
Mokwebu, Nthabiseng Salome
Molefe, Sithembiso Gloria Precious
Molope, Ledile
Moshe, Gaolekwe John
Moyo, Precious Thembelihle
Mpangase, Siphelele
Mpanza, Mthokozisi Luwi
Mphahla, Jeremiah Mathekeng
Mphatsoe, Makena Christopher
Mrewa, Gladness *(cum laude)*
Msiska, Pachalo
Mughongora, Vincentius Kudumo
Muhammad, Yakubu Dan'azumi
Murimba, Tafadzwa Cynthia *(cum laude)*
Mushongachiware, Rodney Kurai *(cum laude)*
Myende, Siyabonga Hopewell
Myolwa, Thabisa Lucia
Mzobe, Bernadette Sibusisiwe
Ndahalele, Ndilinawa Vinia
Ndzinisa, Bheki Gcina
Ngidi, Sifiso Knowledge
Ngwane, Moipone *(cum laude)*
Ngwazi, Mbalenhle Primrose
Nkofo, Mankofo Khopotso Dvora
Nonjaduka, Lindelwa Monica *(cum laude)*
Petje, Hunadi Refilwe Rosinah
Phanyane, Prudence
Ralarala, Avela
Raliphaswa, Livhuwani Jodeci
Ramatlapeng, Cecilia Veeta *(cum laude)*
Ramavu, Rendani *(cum laude)*
Razwiedani, Ntakuseni Thendo
Runeyi, Tina *(cum laude)*
Sakwe, Nizibone
Shayi, Pule Josiah
Sibanda, Dumisani
Sojola, Kuhle *(cum laude)*
Somtaki, Lungelwa *(cum laude)*
Takaindisa, Shanangurai
Taljaard, Leon *(cum laude)*
Tlhabadira, Keabetswe
Tshilume, Phindulo Monicca *(cum laude)*
Tshimanga, Kalenga Dieudonne
Tshivhase, Khangwelo King
Tsietso, Taolo *(cum laude)*
Umuhire, Claudine
Xaba, Samkele
Zitwana, Zanele

Master of Business Management and Administration
Magister in Besigheidsbestuur en -administrasie

Albertyn, Christoff Arno *(cum laude)*
Askham, Devin Grant *(cum laude)*
Badla, Cramwell *(cum laude)*
Ballan, Antonio
Barnard, Ruan Shivon
Blaauw, Elaine *(cum laude)*
Boonzaaier, Johann
Boshoff, Spencer Edward
Boshoff, Wilhelm Guillaume
Botma, Stuart
Brown, Bradley
Burger, Jacques
Calitz, Wynand Johannes *(cum laude)*
Conradie, Stefan Francois *(cum laude)*
Du Plessis, Greg Anthony *(cum laude)*
Du Plessis, Jacques Andre
Eksteen, Sybil *(cum laude)*
Garikai, Lawrence
Gumbi, Dumisani
Gumbi, Sandile Gumbi
Haingura, Charlotte
Harikaran, Rikesh
Hattingh, Andries Theobaldus *(cum laude)*
Hoffman-Cronje, Derrize
Honing, Werner *(cum laude)*
Iithete, Mweneni Nangula Ndamononghenda
Jansen van Rensburg, Ivan *(cum laude)*
Jansen van Vuuren, Gert Johannes
Jina, Joshua
Joubert, Pieter Johann *(cum laude)*
Kabura, Aminiel Kabby
Kaponda, Lastone
Kasonga, Don De Dieu Bijimine
Khosa, Victor
Khumalo, Vusumuzi Mbhekeni
Koshy, Jim *(cum laude)*
Kriel, Ayesha
Kruger, Nadine
Kruger, Stephan
Kubheka, Refiloe
Kunene, Xolile
Le Roux, Johandi
Lebusa, Christal Vaatjo *(cum laude)*
Lekay, Lynn Angela
Lindeque, Petrus Johannes
Louw, Leana
Luthuli, Sphamandla
Magrath, Ashley
Makhubo, Mbongiseni Kevin
Malatji, Matsobane Jay
Malchow, Axel Niklas *(cum laude)*
Mamba, Phinda Thulani
Maripa, Mwamusa
Maritz, Willem Barend *(cum laude)*
Marx, Frans
Maseko, Thembi
Mashapu, Mokgadi Precious
Mashatola, Sibongimpilo Thenjiwe
Masina, Mfanafuthi Wordsworth

Masoga, Thabang *(cum laude)*
Matsepane, Modibe Petrus
Mavuso, Muzi
McLoughlin, Monica
Mettler, Lizelle Natasha
Mjadu, Thabani
Mkhatshwa, Jabulani Clinton
Mkhwanazi, Ndumiso Gift *(cum laude)*
Molefe, Mmabatlokoa
Moloisane, Ruth Ntefeng
Moloko, Obakeng
Montjoie, Natalie
Montsho, Lesego Felicia
Morgan-Smith, Byron Cody
Mupurua, Nguundja
Musili, Germano Ernesto
Ndlovu, Khulekani
Ndlovu, Vincent Mvuyelwa
Niehaus, Gabrielle *(cum laude)*
Ntlati, Nontutuzelo
Padayachee, Laneil *(cum laude)*
Petlele, Magankana Josephine
Pinetown, Andrea Linsey
Pretorius, Andre Mitchell
Pretorius, Petrus Johannes *(cum laude)*
Raman, Quinton Pierre
Reynolds, Louanne *(cum laude)*
Roberts, Gwendolin
Schippers, John *(cum laude)*
Seeger, Waldo
Sepotokele, Boipuso
Seroto, Matodiana Phineas
Setlhapelo, Tebogo Ntshadi
Sewrathan, Reshma
Shabangu, Mangaliso
Singh, Stacey-Ann Reema
Siphorogo, Fhatuwani
Smit, Jacobus Hendrik
Smit, Leon *(cum laude)*
Smuts, Mia *(cum laude)*
Spann, Nathan
Spies, Frederick Johannes
Strauss, Johan *(cum laude)*
Struwig, Roland Albertus *(cum laude)*
Tseisi, Mashudu Lucky
Tseko, Relebohile Calvin
Van Coller, Drew *(cum laude)*
Van der Merwe, Jancke
Van der Riet, Jacobus Francois *(cum laude)*
Van der Westhuizen, Jacobus Lodewikus *(cum laude)*
Van Duivenbooden, Danielle
Van Lill, Ane Elizabeth
Van Niekerk, Andre
Van Staden, Rikus *(cum laude)*
Van Vuuren, Ilonka
Van Wyk, Adriaan Rossouw
Venter, Netterine *(cum laude)*
Vigneault-Dubois, Louis-Etienne *(cum laude)*
Wamedza, Timothy Munashe
Wessels, Christiaan Anton

Master of Public Administration
Magister in Publieke Administrasie

Chasakara, Nomvula *(cum laude)*
Mahosi, Ngwako Oswald
Marlow, Noah
Matthyse, Magon Rensia
Mgweba, Luluto

Bachelor of Commerce Honours
Honneurs-Baccalaureus in die Handelswetenskappe

Cameron, Denusha Jade (Public and Development Management)
Hlako, Selaelo Samuel (Public and Development Management)
Hussein, Jasmine Rosemary Lerato (Public and Development Management)
Lamont, Lucinda Alexandra (Public and Development Management)
Maguzu, Olo (Public and Development Management)
Mashayamombe, Tanyaradzwa Chelsea (Public and Development Management)
Nombewu, Khanyisa Siziphiwe (Public and Development Management)
Simons, Liza Emma (Public and Development Management)

Bachelor of Public Administration Honours
Honneurs-Baccalaureus in Publieke Administrasie

Aswani, Natasha
Bokwe, Anga
Bolani, Entle
Bongoza, Avela
De Ridder, Riaan *(cum laude)*
Delani, Someleze Lathi-Thaa
Esau, Gerald
Gcolothela, Noluthando
Henani, Zowele Willem
Jamba, Sindiswa Andiswa Prudance
Khonje, Ian Chimango
Lekganyane, Molapi Soviet
Links, Thalita Orienda Cornelia
Londt, Johan Jaco
Makhubele, Xichavo Irvin
Mangaliso, Nokubonga
Mbukwana, Nomasomi Princess
Mdlalose, Nelisiwe
Mfusi, Victor Nkosinathi
Mokoena, Debrah
Mphondlwana, Peter
Mpondo, Thandiwe Gloria
Mtolo, Zibuse Elias
Mtshakazi, Liyema Nikita
Mzukwa, Landisiwe
Ngobeni, Lulama Laurent
Nhlapo, Njabulo Randzu
Nkuna, Maleshwane
Nogaga, Samkele
Ntlailane, Tebogo
Nyangana, Phumzile

Parenzee, Taymian
Roman, Sonathan
Sawula, Lusindiso
Seitshiro, Ikgomotseng Zanele
Simelane, Nokuthula
Skele, Verity Nomampondomise
Stegmann, Carien Alwena *(cum laude)*
Twani, Thobeka Letitia
Zingani, Josephine Patricia

Postgraduate Diploma in Leadership Development
Nagraadse Diploma in Leierskapontwikkeling

Alberts, Jean Pierré *(cum laude)*
Badul, Adhir Krishen *(cum laude)*
Baloyi, Basani *(cum laude)*
De Nysschen, Letticia
Denton, Marc Henry
Dhlomo, Nomusa Happiness
Dlakavu, Ndumiso
Duma, Nomaduma
Gei-Khoibes, Innocentia
Gogela, Papama
Hlalele, Khalaletso *(cum laude)*
Joubert, Pieter Schalk *(cum laude)*
Koning, Mark Richard
Lukhele, Sibusiso
Machaka, Khathutshelo Faith
Madondile, Luvuko Comfort
Maravanyika, Admire Tatenda
McLeod, Linda *(cum laude)*
Miller, Roscoe Shane *(cum laude)*
Mlisa, Unathi *(cum laude)*
Mokgosana, Ingrid *(cum laude)*
Mulidzi, Azwimbavhi Reckson
Ncube, Mainfriend Makhetho
Ndlovu, Nokubonga Joyfull
Nkhebenyane, Sebolelo Jane
Nxele, Sphelele
Retief, Jana Maria *(cum laude)*
Sekgobela, Motingwe
Shoba, Makgalema Vincent
Swart, Nadia *(cum laude)*
Van der Westhuizen, Yolandi *(cum laude)*
Venter, Cornelis Tobias
Visser, Casper
Von Luttichau, Colaindunn

Postgraduate Diploma in Sustainable Development
Nagraadse Diploma in Volhoubare Ontwikkeling

Baloyi, Rhulani Hardy
Dlamini, Samkelisiwe
Lukhozi, Perfect
Mashau, Audrey Mpho
Matikinca, Andiswa
May, Mihlali
Mazwi, Thato
Naidoo, Diveshini *(cum laude)*
Ngcobo, Mfundo
Ngqebe, Vuyokazi Bulelwa

Postgraduate Diploma in Environmental Management
Nagraadse Diploma in Omgewingsbestuur

Cele, Ntethelelo
Van Zyl, Zanlie
Zwabu, Kutala

Postgraduate Diploma in Project Management
Nagraadse Diploma in Projekbestuur

Abrahams, Brendon
Adams, Alec *(cum laude)*
Allen, Darren *(cum laude)*
Allie, Adeeb *(cum laude)*
Amwele, Johannes Shally Pendapala
Antonie, Nolan Jaques *(cum laude)*
Arthur, Marcel Phillip
Behardien, Oethmaan
Bestbier, Andre *(cum laude)*
Bhebhe, Sithembile *(cum laude)*
Bongoza, Noqobo
Brink, Michaela
Chap, Zolile Isak
Chiloane, Lerato Charity
Chitambo, Temba
Dalasile, Yolanda
Degenaar, Monre *(cum laude)*
Delie, Brett Francio
Dhlamini, Sifiso Lucolo *(cum laude)*
Dhlomo, Mbali Lesedi *(cum laude)*
Du Toit, Erika *(cum laude)*
Engelbrecth, Diwan
Fourie, Bernard Hendrik
Fransman-Johannes, Mary-Ann
Ganashe, Aphelele
Hloma, Apelele
Isaacs, Preston
Jacobs, Moegamat Taahir
Jennings, Deon
Jonas, Demetrius Shihafeleni
Kamati, Queen Omagano
Kheswa, Funinkosi Civil
Klaas, Viwe
Kope, Nwabisa Hope
Lamberts-Opperman, Janine *(cum laude)*
Le Roux, Albertus *(cum laude)*
Longwe, Zama
Losi, Nomthandazo Sibabalwe *(cum laude)*
Macakela, Mpho Michael
Maduguma, Phumudzo
Mafu, Michael *(cum laude)*
Magwentshu, Bonga
Mahlawe, Anele *(cum laude)*
Makitla, Molefe Kau
Makosholo, Retselisitsoe
Mananyetso, Obakeng
Mapumulo, Sindisiwe, Ignatia
Maringa, Mafemani Tiyisa Henry
Marumo, Mmabasi Confidence
Masemola, Makeeme Precious
Mashimo, Arbetrate Bontle Shana
Mathane, Tlou Phillemon

Matsunyane, Motlatsi Evaristus
Matutyana, Telela
Maupa, Mathibele Letty
Mavunda, Wisani Pearl *(cum laude)*
Mawere, Wendy
Mazibuko, Knowledge Sbonelo
Mbangeni, Celiwe
Mbele, Puseletso Gloria
Mbenene, Sandisile
Mbopa, Mncedisi Mtutuzeli
Mdlulwa, Gcobisa
Mhlana, Vuyisanani
Mhlanga, Nomcebo Serrah *(cum laude)*
Mhlongo, Siphiwe
Mkabile, Khanyiso *(cum laude)*
Mkhonza, Nokukhanya
Mlambo, Noxolo
Mncube, Alert Xolile
Mniki, Lindiswa
Mntu, Nomphelo
Mokwena, Gomolemo
Mondliwa, Xolani
Mpisi, Zikona
Msomi, Sithembiso Wandile
Mtekwane, Zanele Zimasa
Mthembu, Nokwazi
Mthombeni, Mixo Edmon *(cum laude)*
Mtlomelo, Sandisiwe *(cum laude)*
Munashimue, Leefa
Mzolo, Msawenkosi
Ndlela, Sazi
Neduvhuledza, Phathutshedzo
Ngcai, Cebo Mavilo
Ngonongono, Lulo Nwabisa
Njani, Siphelele
Nkhahle, Matlahae
Nkosana, Busisiwe Caroline
Nkuna, Amukelani *(cum laude)*
Nsele, Ntandoyenkosi
Nthai, Karabelo Regina
Ntombela, Londiwe
Nxumalo, Phumeza
Nyamimbi, Nozicelo Grissel
Nyokong, Mannini Bernice
Phela, Agnes Molatelo
Phele, Ntombifuthi
Phiri, Wezi Betha *(cum laude)*
Pierce, Cindy Marilyn
Pretorius, Lluwelyn Urtley
Radebe, Kamogelo
Raseu, Kholofelo Queen
Ravjee, Jyoti Naran *(cum laude)*
Rono, Simphiwe
Scholtz, Jonathan *(cum laude)*
Sebezo, Noluthando
Shange, Nosipho
Shatilwe, Amenenge Etuuda *(cum laude)*
Sigadla, Nomathamsanqa
Sithole, Thembinkosi *(cum laude)*
Smith, Annalise
Sonday, Muhammed Yusuf
Stegman, Ingrid
Sultan, Fathima Bibi *(cum laude)*
Thembani, Nothukela Patience
Thirion, Pieter Willem
Thomas, Dumisani Lawrence
Tseka, Makeletso Aphafia
Tshazi, Nwabisa Bonita *(cum laude)*
Tshicila, Refiloe
Uamba, Ines
Van Niekerk, Michele Jessica *(cum laude)*
Zenzile, Nomhlele
Zungu, Pinky Slindile

Postgraduate Diploma in Financial Planning
Nagraadse Diploma in Finansiële Beplanning

Adler, Emma *(cum laude)*
Aylward, Jack Hylton
Balarin, Amy May *(cum laude)*
Bisset, Egerton Tyrell *(cum laude)*
Botha, Lehan *(cum laude)*
Bradshaw, Hannah Catherine
Burger, Charmaine
Buswana, Wanele
Chamberlain, Craig
Chikaonda, Makhumbo
Clarke, Courtney
Coomer, Shannon Shelby
Crous, Pieter Johannes Andreas
Cruickshank, Maxine
Daniel, Warren Ryan *(cum laude)*
De Freitas, Romano Fernando
Dreyer, Lee-Ann Pamela *(cum laude)*
Du Plessis, Andrea
Du Plessis, Arnaud Louis *(cum laude)*
Du Plessis, Tyler Terri
Du Toit, Jean Armand
Dube, Cyril Brendon
Dube, Xoli Jeaneth
Engelbrecht, Merwe *(cum laude)*
Ernstzen, Andre Gavin
Ferguson, Tim Cross
Ferreira, Lieneke *(cum laude)*
Freemantle, Peter Roberts *(cum laude)*
Gearing, George James
Goedeke, Kent Egon *(cum laude)*
Goosen, Estian Juandré
Gouwsventer, Kurt Ernst *(cum laude)*
Groenewald, Anel *(cum laude)*
Halton Gunther, Ann
Hangalo, Rauha Magano
Hayes, Nicole *(cum laude)*
Hoff, Jerome Wayne
Huysamer, Munnik Anderson
Ismail Patel, Azrah
Jacobs, Lara *(cum laude)*
Jajbhay, Muhammad Daiyaan *(cum laude)*
James, Amelia Chanelle
Jamjam, Siphesihle Yazile
Katenga, Tilla Daniel Kambwali
Kelly, Vaunn Lionel *(cum laude)*
Klassen, Ryan
Labuschagne, Jan Hendrik

Lewin, Kaylin Shanay
Luwaca, Sonwabile
Magxunyana, Tembela Lona
Mahanjana, Sesethu Babalwa
Makhele, Keabetswe
Makhubela, Lindiwe Ophelia *(cum laude)*
Malan, Andries Jacobus *(cum laude)*
Mandondo, Sitembele
Marais, Suzanne *(cum laude)*
Maree, O'Neill
Mashiloane, Kamohelo
Mathabe, Cecily Motlahabo
Matseke, Katlego
Matshotyana, Khaka
Mogole, Matshidiso Naledi
Mokgagane, Kagiso
Mokgahla, Nells Dipuo
Mondo, Tyrone
Monkqoyana, zikhona
Morar, Derwina Kalpa *(cum laude)*
Musiyiwa, Richard
Naidoo, Yegashren *(cum laude)*
Ndimande, Swati Nqabande
Ntshinga, Thembelani
Nwaebube, Chimuanya
Nyathi, Bokang
Okonkwo, Ikechukwu Anthony
Ovis, Marius *(cum laude)*
Parkinson, Ross
Pieters, Mia *(cum laude)*
Planting, Luke *(cum laude)*
Pretorius, Lynette
Price, Oliver Grahame Johnston *(cum laude)*
Rey, Max Patrice *(cum laude)*
Rey, Thomas
Robertson, Luke Craig Gerard
Sacks, Jayden Michael
Schoeman, Estian
Shillaw, Erin Kate *(cum laude)*
Smith, Georgina *(cum laude)*
Snyman, Michelle *(cum laude)*
Stewart, Paul Simon
Tladi, Majoalane Ayanda
Truter, Jean André *(cum laude)*
Van der Merwe, Michelle
Viljoen, Nicole *(cum laude)*
Williams, Meagan

Postgraduate Diploma in Public Finance Management
Nagraadse Diploma in Openbare Finansiële Bestuur

Nyathi, Sihle
Zakwe, Thandekile Beatrice

Postgraduate Diploma in Business Management and Administration
Nagraadse Diploma in Besigheidsbestuur en -administrasie

Africa, Flynn Philip *(cum laude)*
Altin, Carl Johan *(cum laude)*
Andre, Vanessa
Badenhorst, Ruben *(cum laude)*
Bapela, Modilati Hendrieth
Barnard, Casey Lynne *(cum laude)*
Becker, Frederick *(cum laude)*
Bester, Francisco *(cum laude)*
Botha, Lee-Martin *(cum laude)*
Buthelezi-Vala, Sibulele
Cebekhulu, Nomcebo
Chabeli, Mamotseki
Cloete, Chantel
Craig, Stephen *(cum laude)*
Davids, Brent
Diaho, Mankopane Maregina
Dilima, Yongama
Dimane, Lungile
Dlamini, Lusha Lindiwe
Dlamini, Sipokazi
Dormehl, Kimberly
Du Plessis, Desireé *(cum laude)*
Fick, Juane
Francis, Robert Christopher
Frye, Jacques Clerence Ferdinand
Fulscher, Anru
Gcabashe, Sabelo
Goshai, Kelly Wilmine
Gumede, Sinegugu Portia
Haastrup, Adedeji
Hlongwa, Xolisile
Iindombo, Gotthard Iipinge *(cum laude)*
Isaacs, Adeeba
Jacobs, Noleen Natasha
Jacobs, Reneilwe Mashie
Jonker, Martin
Kamanga, Thembekile
Katjimune, Beverly Bianca
Koffi, Michael
Koster, Johannes Hendrik Bastiaan *(cum laude)*
Kumba, Mashala Mambamvu *(cum laude)*
Labiti, Akha
Le Roux, Keanu Daniel *(cum laude)*
Lerm, Clarise
Machuba, Lethabo Marcia
Madikizela, Nokulunga
Madonsela, Tiyani Faith
Mafanya, Mbuyiselo
Magadla, Nokuzola
Maharaj, Sudhir
Makamole, Ditlhare
Makhabane, Manthabiseng Mary
Mangxola, Asemahle Mhlangano
Manzini, Portia Welile Noxolo
Marobe, Palesa Princess
Mavata, Zikhona
Mazibuko, Nonjabulo Buhle
Mbengeni, Mashudu Justice *(cum laude)*
Mdluli, Sifiso Welcome Austime
Mfolozi, Iva Silindokuhle
Mkhabela, Tlangelani
Mofokeng, Mamodiehi Portia
Mohamed, Sayidali Hassan
Mojapelo, Mahlodi
Molebeleli, Bohlale Realeboga

Momat, Ben Kayembe
Moruri, Lily
Motaung, Bongeka
Muhanganei, Rudzani Eric
Mulaudzi, Siphiwe *(cum laude)*
Munilall, Virosheni
Nana, Muneer
Ndamase, Abongile
Ndamase, Unathi Lelethu
Ndotshayisa, Rachel Zanele
Ndzimande, Intelligence Cleverboy
Nel, Heinrich *(cum laude)*
Nethononda, Tshianeo
Ngalo, Lindikhaya
Ngcobo, Nokuthula Sibongiseni
Ngqontsha, Sonwabo Mcdonald
Nontyi, Sinawo
Nyange, Kalunda Christian
Nyman, Sasha-Lee
Petersen, Seth Joshua
Pillay, Gavin *(cum laude)*
Possa, Mosiuoa
Pretorius, Christiaan Chaim *(cum laude)*
Rambuda, Busi Sheron
Rani, Olwethu
Raphunga, Khathutshelo Maude
Rolo, Monica *(cum laude)*
Rossouw, Jean
Rwanqa, Nonkoliseko
Schoeman, Michael Johannes *(cum laude)*
Segone, Molebogeng
Seshia, Monica *(cum laude)*
Shezi, Sihle Perseverance
Shimati, Thembisile Natasha
Shipunda, Selma
Simon, Shaamu Jeremia
Slabber, Pieter Daniel
Smit, Ane
Souma, Callan David *(cum laude)*
Stephens, Andrew *(cum laude)*
Steyn, Tara-Leigh *(cum laude)*
Stuttaford, Teo Steel *(cum laude)*
Teixeira, Mitchell Jared
Tladi, Sedima
Tshabuse, Livhuwani
Van de Rheede, Timithy
Van Rooyen, Elizma *(cum laude)*
Van Rooyen, Lizelle
Van Staden, Jacobus
Van Vuuren, Quintun
Weber-Cherry, Gretchen Clothilde
Wenhold, Roland Marius *(cum laude)*
Winterton, Britney Simone *(cum laude)*
Yamiso, Thembakazi
Yekani, Nwabisa

Postgraduate Diploma in Futures Studies
Nagraadse Diploma in Toekomsstudies

Achary, Pathmanathan Gopal *(cum laude)*
Adriaanse, Cailynne
Buthelezi, Ntombenhle
Cezula, Yolanda
Chauque, Thomas
Choudree, Geetha *(cum laude)*
Coetzee, Wouter De Wet
Dayile, Ayanda Andrew
Dedekind, Anneen
Dennis, Ryan
Dondashe, Phathuxolo Derrick
Duminy, Enver *(cum laude)*
Els, Divania *(cum laude)*
Fumba, Lwandile Mziyanda
Hanekom, Johannes Albertus Jan *(cum laude)*
Hill, Al-Jee Rosheeda
Horne, Gaby
Joubert, Mandi *(cum laude)*
Kamodi, Segolame
Koopman, Kira *(cum laude)*
Krieger, Candice *(cum laude)*
Kubelo, Mpho Ronald
Lefalatsa, Hape
Lesunyane, Itumeleng Shikwane
Louw, Eben *(cum laude)*
Louw, Shaun Wesley
Lupondwana, Nomphelo Mpeletsoe
Mahlaola, Kabelo Lucia
Maja, Nqubeko *(cum laude)*
Makhubela, Terrence
Makone, Amutjilani *(cum laude)*
Manyathela, Sinethemba Cindy Ayanda *(cum laude)*
Masondo, Sanelisiwe Sinenhlanhla *(cum laude)*
Mathebula, Busisiwe Portia
Mayekiso, Nanamhla Esihle
May, Zanele Pamella
Mbitshana, Lerothodi Peter
McGluwa, Tamlyn Joan *(cum laude)*
Mogotsi, Zacharia Mosweu
Mokgatlhe, Lesedi
Moloi, Zandile *(cum laude)*
Mookeletsi, Nicodemus Ganyana
Mowzer, Aziza *(cum laude)*
Mulaudzi, Christopher
Munyao, Martin
Murray, Nicholas Keith Patrick *(cum laude)*
Musa, Simbiso Victoria
Mweli, Phepsiwe
Nabe, Odwa Vuyisanani
Ngara, Bevin
Ngcobo, Siyabonga
Niemand, Johannes Maguldies Gerhardus *(cum laude)*
Pelembe, Puleng Juliet
Phafane, Malebeoana
Phahlane, Katso Sebo
Philiso, Lulama
Rafapa, Khomotso Elias
Ratya, Zolani
Rubain, Chenelle
Sheya, Eunike Ndahafa
Shunmugam, Venesha *(cum laude)*
Sinclair, Davidene
Somagaca, Unathi
Somdaka, Avuyile Bruce
Todd, Melvi *(cum laude)*

Truter, Kurt
Van der Ross, Aisha-Bibi
Van Deventer, Martin Christopher *(cum laude)*
Van Zyl, Anja
Veersamy, Lavinia Sohalini *(cum laude)*
Wilken, André Pieter

Postgraduate Diploma in Development Finance
Nagraadse Diploma in Ontwikkelingsfinansies

Baloyi, Nyeleti Vanessa
Chilizani, Thomson
Collison, Grant Lindsay
George, Jason Kofoworola
Ileka, Ndapanda-Stella
Julies, Russel Mark
Khunou, Lesego Pretty
Kose, Akhona
Lima Carneiro Osorio de Castro, Mariana
Lumkwana, Nangamso
Mabe, Malesiba Millicent
Mabotho, Tshegofatso Rosi
Mahlathi, Keneuoe Cynthia *(cum laude)*
Maletzky, Heather Priscilla *(cum laude)*
Mathidi, Ndarieni
Matji, Tebogo Olwethu'Thando
Mautla, Tebogo *(cum laude)*
Mdluli, Nkateko Cheryl
Mhlanga, Sabelo Wycliffe
Mlandeli, Thulisile
Moloto, Pule *(cum laude)*
Moshesh, Rethabile Nontando *(cum laude)*
Mshengu, Siphumulile Lungile
Mthombeni, Bongani
Muchanga, Fabiao
Mvelase, Khethiwe Pearl
Ntshangase, Thobile
Powell, Damian Christopher *(cum laude)*
Qamata, Gcinulwazi
Segale, Tumelo
Shah, Ketanbabu
Sibandze, Mveli Nkosingiphile
Sigxashe, Lindani
Sikhundla, Khaya Emmanuel
Tladi, Roberta Anronique
Van der Walt, Zander Riaan *(cum laude)*

Advanced Diploma in Public Accountability
Gevorderde Diploma in Openbare Verantwoordbaarheid

Bala, Pretty Nobuhle
Claassen, Esther
Gama-Cele, Bongekile Prudence
Masango-Plato, Michelle Samantha
Mgwaba, Ntombiyenkosi Cynthia
Mosiamo, Locadia Proper
Nathan, Jerome
Nombewu, Nomxolisi Phelicia
Petersen, Kaylin Nicole
Sakier, Tharwat
Williams, Chanay Suzette

Diploma in Public Accountability
Diploma in Openbare Verantwoordbaarheid

Ebrahim, Farhaanah
Forbes, Keanan Lloyd
Govender, Mohammed Shuaib
Khan, Ferouza
Nongogo, Zoleka

Diploma in Sustainable Development
Diploma in Volhoubare Ontwikkeling

Downard, Lauren Claire
Ladlokova, Judas Oleseng
Nkambule, Lwandisa Samkeliswa

Faculty of Medicine and Health Sciences

26 March 2026 | 09:00

Fakulteit Geneeskunde en Gesondheidswetenskappe

26 Maart 2026 | 09:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Vice-Chancellor.
	4. Welcome by the Vice-Chancellor.
	5. Presentation of candidate for the honorary doctorate and conferment of the degree by the Vice-Chancellor.
	6. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Vice-Chancellor.
	7. Closing by the Vice-Chancellor.
Please stand	8. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Visekanselier.
	4. Verwelkoming deur die Visekanselier.
	5. Voorstelling van die eredoktorandus en toekenning van die eredoktorsgraad deur die Visekanselier.
	6. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Visekanselier.
	7. Sluiting deur die Visekanselier.
Staan asseblief	8. Akademiese prosessie verlaat die verhoog.

FACULTY OF MEDICINE AND HEALTH SCIENCES
FAKULTEIT GENEESKUNDE EN GESONDHEIDSWETENSKAPPE

The degree Doctor of Science (DSc) (Medicine and Health Sciences), *honoris causa*, to
Die graad Doktor in die Natuurwetenskappe (DSc) (Geneeskunde en Gesondheidswetenskappe), *honoris causa*, aan

Olive Shisana

for her commitment to justice, evidence-based policymaking, and the transformation of South Africa's public health and research systems, and for her leadership in advancing science for social good.

Dr Olive Shisana is a pioneering South African social scientist and epidemiologist who has helped shape the country's public health sector.

She served as the Director-General in the Department of Health during President Nelson Mandela's administration where she played a central role in the post-apartheid reconstruction of public health. She was also the Chief Executive Officer of the Human Sciences Research Council (HSRC) for ten years. Under her leadership, South Africa conducted its first national population-based HIV surveys that provided critical data for policy and advocacy. Since then, the survey has been repeated five times between 2005 and 2022, and Shisana continues to provide technical support to the HSRC on the longitudinal analysis of the data.

During the Covid-19 pandemic, she served as a global co-chair of the ACT-A Facilitation Council (2020–2022), which comprised approximately 33 countries across high-, middle- and low-income contexts. She helped guide the international community's pandemic response with clarity, courage and integrity.

She was also awarded The Order of the Baobab, a Presidential honour bestowed on South African citizens for distinguished service in the fields of HIV/AIDS science and community service.

Shisana, who holds a Doctor of Science in Epidemiology from the Johns Hopkins (now Bloomberg) School of Public Health, has also worked at the World Health Organisation where she was responsible for programmes on HIV/AIDS, reproductive health, women's and child health.

vir haar toewyding aan geregtigheid, bewysgebaseerde beleidmaking en die transformasie van Suid-Afrika se openbare gesondheid- en navorsingstelsels, en vir haar leierskap in die bevordering van wetenskap vir maatskaplike welstand.

Dr Olive Shisana is 'n Suid-Afrikaanse baanbreker op die gebied van sosiale wetenskap en epidemiologie wat gehelp het om die land se openbare gesondheidsektor te vorm.

Sy het gedurende president Nelson Mandela se administrasie as Direkteur-Generaal in die Departement van Gesondheid gedien, waar sy 'n sentrale rol in die heropbou van openbare gesondheid ná apartheid gespeel het. Sy was ook die Hoof-Uitvoerende Beampte van die Raad vir Geesteswetenskaplike Navorsing (RGN). Onder haar leierskap het Suid-Afrika sy eerste nasionale bevolkingsgebaseerde MIV-opnames gedoen wat uiters belangrike data vir beleid en voorspraak verskaf het. Sedertdien is die opname vyf keer tussen 2005 en 2022 herhaal en bied Shisana steeds tegniese ondersteuning aan die RGN met die longitudinale ontleding van die data.

Sy het gedurende die Covid-19-pandemie as internasionale medevoorsitter van die Access to Covid-19 Tools Accelarator (ACT-A)-fasiliteringsraad (2020–2022) gedien wat uit nagenoeg 33 lande regoor hoë-, middel- en lae-inkomstekontekste bestaan het. Sy het gehelp om die internasionale gemeenskap se reaksie op die pandemie met duidelikheid, moed en integriteit te lei.

Sy is ook met die Orde van die Baobab – 'n presidensiële eer wat aan Suid-Afrikaanse burgers toegeken word vir uitstaande diens op die gebied van MIV/vigs-wetenskap en gemeenskapsdiens – bekroon.

Shisana, wat 'n doktorsgraad in epidemiologie aan die Johns Hopkins (nou Bloomberg) Skool vir Openbare Gesondheid verwerf het, het ook by die Wêreldgesondheidsorganisasie gewerk waar sy vir programme oor MIV/vigs, reproduktiewe gesondheid, vroue- en kindergesondheid verantwoordelik was.

HOME PAGE TUISBLAD

Faculty of Medicine and Health Sciences
Fakulteit Geneeskunde en Gesondheidswetenskappe

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

ADEWUYA, Abiodun Olugbenga (Psychiatry)

The occurrence, correlates and short-term progression of psychotic-like experiences (PLEs) in a non-clinical population in Lagos, Nigeria, and the role of childhood adversity in their development

This study presents the first population-based longitudinal investigation of psychotic-like experiences (PLEs) in urban Nigeria, addressing a key gap in sub-Saharan African psychosis research. Using data from the Lagos State Mental Health Survey and a three-year follow-up, the research demonstrates a high prevalence of PLEs and supports the psychosis continuum model in this context. It identifies trajectories of persistence, remission, and transition to psychotic disorder, with family history and early cannabis use as predictors. Childhood maltreatment, particularly emotional abuse and cumulative trauma, emerges as a central aetiological driver and an important target for prevention strategies.

Supervisor: Prof L Asmal
Co-supervisor: Prof R Emsley

AGABA, Edgar (Nutritional Sciences)

A framework for improving the effectiveness of integrated nutrition interventions in Uganda

This study sets out to develop a framework to improve integrated nutrition interventions in Uganda targeting women and children under five. Using a four-phase mixed-methods approach, it evaluates programme design, stakeholder experiences, and intervention effectiveness. Results show progress in antenatal care and early breastfeeding, although challenges persist in family planning, child morbidity and feeding practices. Financial, agricultural and WASH interventions improve nutrition outcomes, especially reducing anaemia and underweight. Programmes that combine nutrition-specific and sensitive interventions are recommended. The validated framework emphasises socioeconomic empowerment, education, and gender-sensitive strategies to ensure sustainable maternal and child health improvements in resource-limited settings.

Supervisor: Prof XG Mbhenyane
Co-supervisors: Prof PO Iversen (*external*), Dr PR Kyambogo (*external*)

AGORIWO, Mary Wetani (Physiotherapy)

Towards strengthening rehabilitation for persons with Parkinson's disease: a multiphase mixed-methods study in the southern sector of Ghana

This study explores the functioning and rehabilitation experiences of people living with Parkinson's disease in Ghana, using the International Classification of Functioning, Disability and Health (ICF) as a guiding framework. The research describes impairments, activity limitations, participation restrictions and contextual factors that shape daily life, as well as the rehabilitation services that patients access. By foregrounding patient, caregiver and clinician perspectives from a low and middle-income context, the study challenges the dominance of high-income country narratives in Parkinson's research. The findings highlight gaps in access and continuity of care, and emphasise patient and family-centred rehabilitation to inform practice and policy in under-resourced settings.

Supervisor: Prof M Unger
Co-supervisors: Profs C Joseph, E Franzén (*external*)

ASAMOAH, Benjamin (Sport Science)

A descriptive phenomenological exploration of mental toughness: Perceptions of Ghanaian football coaches and players

Mental toughness literature is dominated by Western-centric, individualistic sociocultural perspectives, creating a knowledge gap in non-Western collectivist and resource-constrained environments such as Ghana. This study describes how mental toughness is conceptualised and experienced in Ghanaian football from the perspectives of elite coaches and players, focusing on its attributes, decision-making influences, and the situations that demand it. Mental toughness involves universal and cultural-specific expressions, and functions as a life management resource that transcends performance enhancement to embrace cultural adaptation, identity preservation and economic survival. While situations necessitating mental toughness show similarities across different socio-cultures, migrating players often face additional challenges.

Supervisor: Prof H Grobbelaar
Co-supervisor: Prof AB Boamah Mensah (*external*)

BADEJO, Motunrayo Victoria (Molecular Biology)

***Mycobacterium tuberculosis* metallomics**

This study synthesises, characterises and evaluates metal-coated superparamagnetic iron oxide nanoparticles (SPIONs) as antimycobacterial agents and drug delivery platforms. Bimetallic and trimetallic SPIONs exhibit potent activity against *Mycobacterium smegmatis* and *Mycobacterium tuberculosis*, inducing marked morphological and transcriptional changes, particularly in redox and metabolic pathways. Trimetallic Ag-Cu@SPIONs show the strongest antimicrobial activity. Drug-functionalised SPIONs significantly enhance the efficacy and durability of repurposed anti-tuberculosis agents. All formulations demonstrate low cytotoxicity in macrophages. This work establishes SPION-based nanomaterials as promising dual-function systems for tuberculosis therapy and antimicrobial drug potentiation.

Supervisor: Prof V Mavumengwana
Co-supervisors: Dr L Baatjies, Prof C Kinnear

CHIMARA, Munyaradzi (Occupational Therapy)

Development of an occupational therapy vocational rehabilitation practice framework for service users with chronic mental illness in Namibia

This study develops a contextually relevant occupational therapy vocational rehabilitation framework for Namibian mental health service users with chronic mental illness. Using a four phase sequential mixed methods design – a scoping review, stakeholder interviews, focus groups, and a Delphi study – the research identifies challenges such as limited resources, stigma, and policy practice gaps. Supported employment, client centred practice, empowerment and systemic advocacy emerge as essential components. Informed by expert consensus on the need for a framework that promotes rights, strengthens resources and implements effective intervention strategies, the study presents a framework aimed at enhancing equitable work participation, occupational justice, and meaningful engagement in employment for mental health service users.

Supervisor: Prof L van Niekerk
Co-supervisors: Drs F Adams, H van Biljon (*external*)

CONRADIE, Wilhelmina (Surgery)

Profiling thyroid cancer in South Africa: the clinic-opathological landscape

This study utilises a multi-layered approach and methodology to incorporate epidemiological data with stakeholder-informed recommendations, providing a comprehensive overview of the clinicopathological landscape of thyroid cancer in South Africa. The research offers the first national representation of thyroid cancer pathology. Combined with qualitative data, this provides the foundation for a sustainable thyroid registry contextual to South Africa, which can serve as a resource to develop national guidelines on diagnostic pathways and treatment of thyroid cancer. The system gaps and solutions proposed in the study establish a framework for strengthening thyroid cancer management across South Africa.

Supervisor: Prof K Baatjes
Co-supervisors: Profs J Lubbe, E Archer

DE VILLIERS, Amike (Medical Microbiology)

Virulence determinants in *Klebsiella pneumoniae* and potential association with clinical disease

This study describes virulence factors among *Klebsiella pneumoniae* isolates and identifies hypervirulent isolates among carbapenem-susceptible clinical isolates, comprising globally disseminated sequence types. Plasmids conferring hypervirulence are identified, including a novel conjugative virulence plasmid that increases the risk of convergence of hypervirulence and antibiotic resistance. A whole-blood flow cytometric phagocytosis and killing assay is developed, which shows significantly lower phagocytosis of hypervirulent *K. pneumoniae* strains in granulocytes and monocytes compared to classical isolates. Killing of hypervirulent strains is also reduced in plasma and whole blood. These findings confirm the predicted impact of hypervirulence on host innate defences.

Supervisor: Dr M Newton-Foot
Co-supervisors: Profs R Glashoff, A Whitelaw

DE WAAL, Simon Jake (Sport Science)

Development of an evidence-based submaximal trail running test to predict ultra-trail running performance

Trail runners are often tested in laboratories that uses methods designed for road running, which may not reflect the demands of steep, variable terrain. This study, therefore, develops an evidence-based submaximal uphill treadmill test for ultra-trail runners. A systematic review finds that traditional endurance models and flat treadmill protocols poorly predict trail performance. The new uphill test demonstrates strong test–retest reliability and shows that uphill and flat running economies are not correlated in recreational to moderately trained ultra-trail runners. When applied to finishers of a local 100 km trail race, uphill running economy emerges as a strong predictor of performance, highlighting the need for domain-specific, race-relevant testing.

Supervisor: Prof RP Lamberts
Co-supervisor: Dr S Jacobs

DU PREEZ, Jacomina Cornelia Frederika (Paediatrics and Child Health)

The Baby Book Project: Can nursery rhyme reading by mothers, during the hospital stay, enhance neurodevelopment and maternal-infant interaction in premature infants?

This study evaluates a low-cost, culturally adapted, maternal shared-reading intervention delivered during neonatal hospitalisation to very preterm infants in a low-resource public-sector setting. Using a hybrid effectiveness–implementation design, the research demonstrates feasibility, high maternal engagement, and improved caregiving practices. While no early differences are found in neuromotor or global developmental outcomes, the intervention is associated with favourable maternal behaviours, possible growth benefits, increased shared reading, and altered infant attention to emotional stimuli. This pioneering African study highlights shared reading as a scalable strategy with potential longer-term developmental benefits.

Supervisor: Prof J Smith
Co-supervisors: Profs R van Toorn, P Cooper (*external*)

JUMAAR, Chrisstoffel (Physiology (Medical))

Investigating the link between post-tuberculosis lung disease (PTLD) and circulatory biomarkers in a South African cohort

The pathophysiology of PTLD is poorly understood. Therefore, this clinical study, conducted at Tygerberg Hospital, delineates possible reasons why patients develop PTLD and possible right-sided heart failure. The research demonstrates the development of lung impairments in TB patients up to 15 years after cessation of treatment. Publications from this study have been the first in the world to show that these patients have a persistent pro-inflammatory and endothelial dysfunctional state, which predisposes them to PTLD and may cause fatal pulmonary hypertension and right-sided heart failure. These findings allow us to design better clinical management post-TB and may prevent many deaths if we consider approaches like anti-inflammatory or cardioprotective therapies during the post-TB stage of the disease.

Supervisor: Prof GJ Maarman
Co-supervisor: Prof H Strijdom

KATANGWE-CHIRWA, Thembi Janis (Paediatrics)

Children with cerebral palsy: current needs and challenges in the Western Cape

This study investigates the clinical spectrum, causes and management of cerebral palsy in children in the Western Cape. Important preventable causes are prenatal asphyxia and postnatal tuberculous meningitis, with no improvement compared to a study done 20 years ago. A significant proportion of children suffer from severe cerebral palsy. Common comorbidities are intellectual impairment, epilepsy, and visual impairment. Gaps in accessing rehabilitation services are identified, influenced by age and distance from treating facilities. The study identifies important variables for a South African-appropriate cerebral palsy registry, which should be implemented in the Western Cape to improve the healthcare planning and management of children suffering from cerebral palsy.

Supervisor: Prof M Kruger
Co-supervisors: Profs K Donald (*external*), R Solomons

LEATT, Christopher James (Neurosurgery)

Can an alternative energy load path (AELP) mitigate against the incidence and severity of closed traumatic brain injuries (TBI) in unrestrained torso sports?

This study proves, in a laboratory setting, the positive impact of an alternative energy load path (AELP) on brain injury. It also proves the safety of an AELP to the neck and brain. The research identifies and quantifies a second injury event critical in evaluating head injuries. The results pave the way for significant improvement in mitigating sports injuries in unrestrained torso sports. The clinical translation of the laboratory findings allows for potential amendments to sport safety protocols when head injuries are suspected.

Supervisor: Prof AJ Vlok
Co-supervisor: Dr P Viviers

LOUW, Johnelize (Public Health)

Exploring pathways to accessing care for appendectomy in the Western Cape government health system, South Africa

This study delivers the first comprehensive, mixed-methods investigation of barriers to timely emergency surgical care in South Africa, using appendectomy as a proxy procedure. It demonstrates- how patient, transport, and health system challenges compound delays across the care pathway. The work contributes a validated algorithm for identifying appendectomy cases in routine data and a province-wide audit of surgical capacity, strengthening monitoring of emergency care. Findings highlight opportunities to decentralise surgical services, expand district hospital capacity, and improve public awareness, advancing equitable access to timely, life-saving operations in low- and middle-income settings.

Supervisor: Prof K Chu
Co-supervisors: Profs R English, P Nyasulu

MARLOW, Marguerite Barbara (Public Health)

Risk and protective factors for child language and socio-emotional development in the context of adversity: evidence from a sample of young children and their caregivers in rural Lesotho

Early childhood shapes lifelong health and development, yet children in remote, resource-constrained settings face unequal survival and developmental opportunities. This study examines risk and protective factors for language and socio-emotional development among young children in rural Lesotho, using qualitative, cross-sectional and longitudinal data from caregiver interviews, observations, developmental assessments, and a cluster-randomised trial involving over 1 000 children. Caregiver stressors, including poverty, food insecurity, alcohol use during pregnancy, and poor mental health, undermine child outcomes, while preschool attendance, male caregiver involvement and social support are protective. A parenting intervention is shown to improve responsive caregiving and reduce harsh parenting but does not improve caregiver wellbeing.

Supervisor: Prof M Tomlinson
Co-supervisor: Prof S Skeen

MATHEBULA, Lindi (Public Health)

Assessing routine childhood vaccination acceptance, hesitancy and refusal in Cape Town, Western Cape, South Africa

This mixed-methods study investigates routine childhood vaccination uptake, acceptance, hesitancy and refusal in Cape Town. It combines a cross-sectional survey of caregivers of children aged 0–2 years with in-depth interviews conducted with caregivers and healthcare workers. It quantifies vaccination coverage and examines behavioural, social and structural factors shaping vaccination decisions. The latter include vaccine confidence and complacency; social norms and recommendations by healthcare workers; intentions and willingness; and practical barriers. The findings provide context-specific evidence to inform targeted interventions, strengthen communication strategies and support policies aimed at improving equitable childhood immunisation coverage in South Africa and beyond.

Supervisor: Prof CS Wiysonge
Co-supervisors: Profs M Dzikiti, S Cooper (*external*)

MDUZANA, Luphiwo Lakhanya (Health Sciences Rehabilitation)

Developing an evidence-based instrument to guide transfemoral prosthetic prescription in South Africa

This study uses a variety of appropriate methods, including a scoping review, qualitative descriptive interviews, focus group discussions, and a quantitative consensus survey involving a national sample of participants, to develop draft guidelines that can be used to inform transfemoral prostheses prescription in the South African public health sector. These guidelines can be refined and serve to ensure optimal prosthetic rehabilitation services to users, and the optimal utilisation of scarce resources. As such, the work is of theoretical significance as well as clinical and professional importance.

Supervisor: Dr S Visagie
Co-supervisor: Dr M Dzikiti

MKHONZA, Mbali Nondumiso (Molecular Biology)

MR1-restricted T cells: role in differential outcomes following *Mycobacterium tuberculosis* exposure

This study explores the role of circulating MR1T cells, highlighting that these cells remain relatively stable in the peripheral environment in those with TB disease both pre-treatment and post-treatment. However, MR1T cells are affected on a functional and transcriptional level following *M. tuberculosis* infection, leading to their activation and targeting of the pathogen. This study provides novel targets for assessment of MR1T cell functionality in a larger population, in paired PBMC and BAL cells.

Supervisor: Prof N du Plessis
Co-supervisors: Dr L Kotze (*external*), Prof G Walzl

MOGASHOA, Tuelo (Molecular Biology)

Rifampicin-resistant *Mycobacterium tuberculosis*: an emerging threat to human health in Botswana

Rifampicin-resistant tuberculosis remains a major global threat, with increasing notifications in Botswana. This study utilises whole-genome sequencing (WGS) in conjunction with routinely collected clinical data to characterize the population structure of circulating *Mycobacterium tuberculosis* strains, investigate transmission dynamics, and assess treatment outcomes. It finds high genetic diversity, but also identifies clusters, suggesting possible transmission. WGS analyses detected non-canonical rifampicin resistance-associated mutations that are often undetected by routine diagnostics, creating a risk of resistance misclassification. Encouragingly, treatment success is shown to be high, with no resistance to new generation of drugs detected.

Supervisor: Prof E Streicher
Co-supervisors: Dr A Dippenaar *(external)*, Prof S Moyo *(external)*, Dr S Gaseitsiwe (*external*)

NYANGWA, Soyama (Molecular Biology)

Defining the functional response of Mycobacterium sp.-infected macrophages to structural variants of interferon gamma (IFN-γ)

Interferon gamma (IFN-γ) is a key cytokine that orchestrates immune defence through its antiviral, antimicrobial and anti-tumour activities. This research examines how structural variations influence IFN-γ's conformation and potential function. To achieve this, recombinant constructs representing truncated variants are designed, cloned and expressed in both Escherichia coli and HEK 293 cells. The resulting proteins are purified and analysed using circular dichroism (CD) and fluorescence spectroscopy to assess secondary and tertiary structural integrity. This approach allows direct comparison of folding behaviour between wild-type and mutant proteins, and across different expression systems.

Supervisor: Prof C Kenyon
Co-supervisor: Prof G Walz

NZAUMVILA, Doudou (Family Medicine)

Identifying the risk factors associated with the development of dependency to nyaope in Tshwane District, South Africa

Nyaope is a common heroin-based mixture that often leads to addiction among teenagers and young adults. This study explores the experience of nyaope use with community members, users and their families in the Tshwane District. The findings inform a case-control study to identify risk factors associated with nyaope use. The research finds that users are mostly men with prior substance use, particularly cannabis and cocaine. Many started using nyaope in school. Low social interaction, particular approaches to problem-solving as well as authoritarian and mixed parenting styles are associated with use. These insights can guide future preventative interventions.

Supervisor: Prof R Mash
Co-supervisor: Dr T Helliwell (*external*)

OTUM, Christian Chukwuezugo (Molecular Biology)

The impact of the C-15T inhA promoter mutation of *Mycobacterium tuberculosis* on host innate immunity

This study employs an in vitro model, using THP-1-derived macrophages infected with wild-type H37Rv and derived mutant C-15T inhA, or rpoB S531L Mtb strains in glucose-supplemented or glucose-deprived media, with or without low-dose INH. Findings show that the C-15T inhA mutation fundamentally rewires the host-pathogen interface, driving bacterial persistence by exploiting host metabolic and immune pathways rather than solely through drug resistance. This supports the hypothesis that the mutation reprogrammes macrophages towards permissive states under glucose and INH conditions, impairing immunity and fostering resistance.

Supervisor: Prof N du Plessis
Co-supervisors: Dr M Klopper, Prof E Streicher, Prof G Walzl

PALMER, Megan (Paediatrics)

Refining the role of the chest radiograph in paediatric tuberculosis clinical care and research

TB in children is under-diagnosed and under-treated, resulting in preventable morbidity and mortality. This study evaluates how chest X-ray can be better used to support the diagnosis of paediatric TB in clinical care and research. It also explores using chest X-ray for disease severity stratification and treatment regimen selection and investigates the role of novel computer-aided detection (CAD) approaches to chest X-ray in the landscape of paediatric TB diagnosis and management.

Supervisor: Prof JA Seddon
Co-supervisors: Profs A Hesseling, P Goussard

PANDYA, Himani (Public Health)

Understanding the caregiving experiences, challenges and needs of mothers for their young children who are HIV-exposed and uninfected in Worcester, South Africa – a mixed-methods analysis

Children who are HIV-exposed and uninfected (HEU) face health and developmental risks despite avoiding HIV acquisition. Given the role of caregiving in optimising childhood outcomes, this study explores caregiving experiences, challenges and support needs of mothers with HIV who are raising young children who are HEU. The research finds that early motherhood involves persistent stress and concerns about consequences of HIV exposure for the child, which extend beyond excluding HIV and are compounded by structural challenges. The study presents the first ever quantification of the caregiver burden experienced by mothers, which is found to be significantly higher for children HEU compared to their HIV-unexposed peers.

Supervisor: Prof A Slogrove
Co-supervisors: Profs X Hunt, P Nyasulu

RODGERS, Aneesha (Sport Science)

Developing netball-specific speed zones for quantifying on-court locomotor demands: implementation of a mathematical model using global positioning systems (GPS)

Netball is an intermittent team sport where players have to continuously accelerate and decelerate during matches. Knowledge of on-court running demands supports position-specific training and coaching of players. Conventional global positioning systems (GPS) and the default settings do not provide a representative model of the speed zones of netball players and specific positions. This study designs a GPS-based mathematical model that successfully quantifies acceleration-based metrics for positional groups within a team. Netball-specific velocity zones for each of the playing positions are also established. Because of its replication potential, the model promises to have a broader impact on research across team sports and positional categories.

Supervisor: Prof R Venter
Co-supervisor: The late WJ Kraak *(external)*

SMIT, Anna Margaretha (Psychiatry)

Relapse in schizophrenia spectrum disorders: the role of factors other than non-adherence to treatment

This study advances our understanding of relapse in schizophrenia beyond treatment non-adherence by identifying neurobiological (neurological soft signs), psychosocial (quality of life, childhood trauma) and structural determinants of relapse. Integrating longitudinal and qualitative evidence, it highlights multi-level risk pathways and the need for contextually responsive, systems-based relapse prevention strategies.

Supervisor: Prof L Asmal
Co-supervisor: Prof R Emsley

WENTLEY, Garth (Physiology (Medical))

An investigation into the novel effects of melatonin treatment on differentiated C2C12 myotubes in the absence and presence of pathology

The human body produces a hormone called melatonin, which plays a role in maintaining our sleep cycle. When taken as a tablet, melatonin can also protect against muscle damage during sports events or extreme exercise. However, nobody knows how melatonin does this. This study is the first to discover the mechanism through which melatonin protects muscle, which includes the enhancement of mitochondrial pathways and its ability to induce an oxygen-sparing effect. The research also shows that melatonin may be beneficial to patients who have muscle damage due to excess uric acid (as often seen in people with gout) and excess fructose (as often seen in people who experience the adverse effects of an unhealthy diet). Melatonin may be used as an ergogenic agent before, during and after exercise, to enhance muscle repair and function.

Supervisor: Prof GJ Maarman
Co-supervisor: Dr S Hanser (*external*)

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Faculty of Medicine and Health Sciences
Fakulteit Geneeskunde en Gesondheidswetenskappe

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Science
Magister in die Natuurwetenskappe

Andrews, Jasmine Cameron (Medical Physiology)
Apalata, Teke (Biostatistics)
Bender, Welcerinie Juliana (Anatomy) *(cum laude)*
Burger, Marilize Cornelle (Clinical Epidemiology) *(cum laude)*
Burger, Megan-Lee (Molecular Biology) *(cum laude)*
Burns, Anathi (Medical Physiology) *(cum laude)*
Buys, Llewellyn (Molecular Biology)
Byrne, Nicky-Louise (Medical Virology)
Darikwa, Shingirai Artwell (Biostatistics) *(cum laude)*
Dlamini, Welile (Epidemiology)
Egan, Joanne (Cytopathology)
Haffejee, Mishka (Molecular Biology) *(cum laude)*
Harris, Labeeqah (Molecular Biology)
Hattingh, Khensani Litha (Medical Microbiology) *(cum laude)*
Hendricks, Clinton Derick (Clinical Epidemiology) *(cum laude)*
Henning, Alicen Joy (Bioinformatics and Computational Biology) *(cum laude)*
Kapisa, Kondwani Alyce (Molecular Biology) *(cum laude)*
Manda, Chipo (Molecular Biology) *(cum laude)*
Maringa, Kimberley (Biostatistics)
Maruma, Thabang (Human Genetics)
Meiring, Jana (Molecular Biology) *(cum laude)*
Messerschmidt, Hanneli Elisabeth (Biostatistics) *(cum laude)*
Midzuk, Hannah Lisa (Medical Physiology)
Mkatazo, Nomvuyiseko (Morphological Science) *(cum laude)*
Mlaba, Nokulunga (Medical Physiology) *(cum laude)*
Msiza, Nothando Victoria Pearl (Molecular Biology) *(cum laude)*
Mutisse, Marcia Alina Julio (Clinical Epidemiology)
Mutiwasekwa, Fadzai Betty (Biostatistics)
Mwangi, Ruth Wanjiru (Biostatistics) *(cum laude)*
Nabyoma, Johnson Mwebaze (Clinical Epidemiology)
Palekar, Sidrah (Pharmacology)
Samunderu, Mitchell Wadzanayi (Clinical Epidemiology)
Shana, Melody Elizabeth (Clinical Epidemiology) *(cum laude)*
Sikhakhane, Thobile Nomfundo (Human Genetics) *(cum laude)*
Singh, Nishanta (Clinical Epidemiology) *(cum laude)*
Sonyoka, Zethu (Molecular Biology)
Uys, Sharnah (Medical Physiology) *(cum laude)*
Van Twisk, Alexander (Biostatistics) *(cum laude)*
Vilyte, Gabriele Beata (Clinical Epidemiology) *(cum laude)*
Von Mollendorff, Tara-Lee (Medical Virology) *(cum laude)*
Zehrt, Megan (Anatomy)

Master of Medicine
Magister in die Geneeskunde

Akoonjee, Fahema (Anaesthesiology)
Alghamdi, Mohammed Khalaf (Clinical Pharmacology)
Amwele, Namene Ndapanda (Paediatrics) *(cum laude)*
Badenhorst, Leané (Internal Medicine) *(cum laude)*
Chili, Yoliswa Zola (Virological Pathology)
Desai, Renisha (Paediatrics) *(cum laude)*
Du Plessis, Wesley Paul (Internal Medicine) *(cum laude)*
Durr, Pippa (Paediatrics) *(cum laude)*
Goolam, Nadirah (Internal Medicine)
Kavari, Uariomundu Kavezembua (Anaesthesiology)
Kazadi, Nancy Tshala (Obstetrics and Gynaecology)
Le Roux, Adelade (Family Medicine)
Mahomed, Wasim (Otorthinolaryngology)
Mather, Roxane (Radiation Therapy)
Manoto, Mpolokeng Suzette (Paediatrics)
Mushi, Evelyine Jubilate (Paediatrics)
Naidoo, Desharan (Paediatrics)
Nkosi, Menzi Buhle (Virological Pathology)
Smit, Magdel (Forensic Pathology)
Teuteberg, Nolene (Radiological Diagnosis)
Theron, Sarel Petrus (Neurology)
Van der Walt, Celdri (Family Medicine)
Van Eck, Elizabeth Catharina (Ophthalmology)
Zsilavecz, Astrid (Surgery)

Master of Public Health Nutrition
Magister in Voeding in Openbare Gesondheid

Dikgale, Constance Ramasela
Lee, Rebecca Pin Chieh
Mudau, Zwidofhela Rinette
Prinsloo, Sanchia *(cum laude)*
Tembo, Alice

Master of Philosophy
Magister in die Wysbegeerte

Adair, Leanne Michelle (Health Professions Education)
Baloyi, Boitumelo Joyce (Health Professions Education)
Chauke, Hlengani Lawrence (Health Professions Education)
Hermanus, Liesl Lynette (Infant Mental Health)
Irusen, Semira (Haematology) *(cum laude)*
Jacobs, Steve Lerenzo (Health Professions Education) *(cum laude)*
John, Kiran (Rheumatology) *(cum laude)*
Lebese, Cecilia Answer (Infant Mental Health)
Linda, Singatha Lizile Siphesihle (Cancer Science)
Makoni, Rachel Tuso (Infant Mental Health)
McCaul, Michael Gilbert (Health Professions Education)
Mhlongo, Ngcebo Simphiwe (Health Systems)

Mogotlane, Petrus Thabo (Addiction Psychiatry)
Mohamed, Salma (Health Professions Education)
Paton, Glen James (Health Professions Education)
Pillay, Anben (Addiction Psychiatry)
Scholtz, Lindsay (Addiction Psychiatry)
Sehodi, Mathumo (Cancer Science)
Smith, Everhardus Johannes (Child and Adolescent Psychiatry) *cum laude*
Sodzi-Tettey, Naa Adorkor (Health Professions Education)
Van Heerden, Hester Margaretha (Health Professions Education)
Zatu, Mandlenkosi Caswell (Health Professions Education)

Master of Philosophy in Developmental Paediatrics
Magister in die Wysbegeerte in Ontwikkelingspediatrie

Wood-Pottle, Leigh-Ann

Master of Philosophy in Paediatric Gastroenterology, Hepatology and Nutrition
Magister in die Wysbegeerte in Pediatriese Gastroënterologie, Hepatologie en Voeding

Elkhatiali, Emhemed Elhamroni

Master of Occupational Therapy
Magister in Arbeidsterapie

Beremauro, Nyasha Patricia
Leonard, Rene Tertia
Southgate, Demi

Master of Nursing
Magister in Verpleegkunde

Babafemi, Olayemi Lydia
Chili, Olwethu Noluthando
Francis, Jennifer Rose Laureen *(cum laude)*
Hauptfleisch, Marthie Smit
Ingram, Priscilla Valencia *(cum laude)*
Nagiah, Sharday Melissa *(cum laude)*
Smith, Karin Lydia
Thibinyane, Nteboheleng
Williams, Catherine Angela Margaret

Master of Therapeutic Nutrition
Magister in Terapeutiese Voeding

Bosch, Melissa *(cum laude)*
Du Preez, Natasha
Huber, Tanya
Karriem, Aasiyah
Murray, Taneesha-Lee Cathrine
Ross, Gezina Maria Beatrix
Smith, Shaylyn Helena

Master of Physiotherapy
Magister in Fisioterapie

Chandlay, Hawa Bibi *(cum laude)*
Dagala, Martin
Goussard, Somari *(cum laude)*
McLean, Lisa Eugenia
Nair, Priyanka Krishnan
Smith, Regan Rene *(cum laude)*
Van Wyk, Sandra

Master of Human Rehabilitation Studies
Magister in Menslikerehabilitasiestudies

Berrington, Sydney Leigh *(cum laude)*
Dumela, Osisipho Sikelelav
Kambalame, Hamilton
Krüll, Chantal Joy
Mbanga, Unam
Phetla, Tshegofatso Blessing

Master of Science in Sport and Exercise Medicine
Magister in die Natuurwetenskappe in Sport- en Oefeninggeneeskunde

Barrett, Kian
Morecroft-Davies, Nicole *(cum laude)*
Scribante, Megan *(cum laude)*
Winik, Kyle Adam *(cum laude)*

Master of Science in Sport Science
Magister in die Natuurwetenskappe in Sportwetenskap

Allerton, Tayo
De Koker, Dewald
Engelbrecht, Megan *(cum laude)*
Poole, Katherine Anne *(cum laude)*

Master in Addiction Care
Magister in Verslawingsorg

Ratshifheti, Zwoitwa

Master in Speech-Language Therapy
Magister in Spraak-Taalterapie

Mpiti, Athenkosi Amanda *(cum laude)*
Van Wyk, Terence Junior

Master in Pathology
Magister in Patologie

Nkwanyane, Tinashe Nthabiseng (Haematological Pathology) *(cum laude)*
Walters, Tasha-Leigh (Anatomical Pathology) *(cum laude)*

Bachelor of Science Honours in Sport Science
Honneurs-Baccalaureus in die Natuurwetenskappe in Sportwetenskap

Joubert, Francois Jean (Performance Sport) *(cum laude)*
Merzbacher, Kai (Performance Sport)
Bachelor of Science Honours in Biokinetics

Honneurs-Baccalaureus in die Natuurwetenskappe in Biokinetika

Jansen van Vuuren, Ame
Louis, Jordan Rae
Meyer, Kieraan
Nel, Julian Skye
Phumelo, Lutho
Vienings, Kristi
Wicomb, Danica Rita

Bachelor of Science Honours in Underwater Medicine
Honneurs-Baccalaureus in die Natuurwetenskappe in Onderwatergeneeskunde

Nasef, Abdelhakim Hossam
Nasef, Abdelrahman
Hoole, Lynne

Postgraduate Diploma in Infectious Diseases
Nagraadse Diploma in Infeksiesiektes

Al-Asri, Hend Saleh Hussein *(cum laude)*
Al-Hitary, Ola Waheed Abdulbari Omar *(cum laude)*
Ali, Amdetsion Abate *(cum laude)*
Aslam, Muhammad Khawar
Benjamin, Ayii
Dulacha, Diba *(cum laude)*
Ghushaim, Bakeel Mohammed Ahmed Ali *(cum laude)*
Guilaine, Batano Lumoo *(cum laude)*
Ishaq, Sakina Abdulrahman *(cum laude)*
Ismail, Umar
Japhet, Nayituriki
Kareto, Umar Mohammed *(cum laude)*
Letete, Nena *(cum laude)*
Mamba, Phinda Khisimusi
Matthews, Gillian *(cum laude)*
Mohan, Nisha *(cum laude)*
Murali, Shreyas *(cum laude)*
Ortiz Vega, Brisa Mariana
Saeed Noman, Rashad Mohammed *(cum laude)*
Schoeman, Elzette *(cum laude)*
Steenkamp, Gerhard *(cum laude)*
Tsafack, Marcellin
Van der Merwe, Janey *(cum laude)*

Postgraduate Diploma in Family Medicine
Nagraadse Diploma in Huisartskunde

Engels, Chrizelda
Kadima, Christelle Kadima
Le Roux, Moegamad Shafeeq *(cum laude)*
Shaboodien, Nabeelah *(cum laude)*

Postgraduate Diploma in Midwifery
Nagraadse Diploma in Verloskunde

Arendse, Naomi
Madyibi, Khayakazi
Mancoba, Zikhona
Moikanngwe, Kokamo Confidence
Mphakathi, Veronica Vathiswa
Mtandana, Phumeza Patricia
Nhleko, Xolile Cicilia
Plaatjies, Abigail Fiona

Postgraduate Diploma in Nursing Education
Nagraadse Diploma in Verpleegonderwys

Davids, Sannie
Magadla, Khokela Nezisa
Magwa, Ayanda
Mzaca-Mokabo, Mleboeng
Simmers, Nompumelelo
Tiro, Tebogo

Postgraduate Diploma in Primary Care Nursing
Nagraadse Diploma in Primêresorgverpleegkunde

Bala, Koleka Nangamso
Gamede, Amos Wonderboy
Kekwakae, Mompoloki Moffat
Kobese, Yaleka
Magaqa, Siziphiwe
Makhubo, Mpumelelo
Mduyelwa, Siyasanga
Moseki, Goepetsweng Sylvia
Msitshana, Andiswa
Nala, Freedom Lethubuhle
Qhaji, Siphamandla
Snell, Chaundre

Postgraduate Diploma in Mental Health Nursing
Nagraadse Diploma in Geestesgesondheidsverpleegkunde

Conradie-Jali, Riana Renay
Mbadini, Ncedisa Anicia
Mentoor, Moeniba
Mphothulo, Buntu
Nomandla, Nangamso Lucas
Sivani, Yanga
Zaal, Jacquin Angelique

Postgraduate Diploma in Health Service Management
Nagraadse Diploma in Gesondheidsdiensbestuur

Hess, Lezinda
Nonjabe, Xolisile

Postgraduate Diploma in Critical Care Nursing: Adult
Nagraadse Diploma in Kritiekesorgverpleegkunde: Volwassene

Cloete, Joshwin Maurice
Makae, Nontyatyambo
Picota-Boltman, Dorothy

Postgraduate Diploma in Emergency Nursing
Nagraadse Diploma in Noodverpleegkunde

Coleman, Brumilda
Davey, Charis

Magwaza, Nqobani
Mbuwako, Chuma
Thusini, Khayalethu Excellent

Postgraduate Diploma in Perioperative Nursing
Nagraadse in Diploma in Peri-operatiewe Verpleegkunde

Ngwenya, Mbali

Bachelor of Medicine and Bachelor of Surgery
Baccalaureus in Geneeskunde en Baccalaureus in Snykunde

Booth, Erin Anthony
Changfoot, Christopher Anthony
Da Costa, Abdul-Wahid
Jeaven, Heena
Lee, Karin
Mokwena, Nonhlakanipho Darelin
Mmotong, Motheo Ngoanankgudi
Nemaangani, Ronewa Maanda Romeo
Willemse, Adia

Bachelor of Occupational Therapy
Baccalaureus in Arbeidsterapie

Daniel, Mischa Leigh

forward together
sonke siya phambili
saam vorentoe

Faculty of Engineering

26 March 2026 | 13:00

Fakulteit Ingenieurswese

26 Maart 2026 | 13:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Vice-Chancellor.
	4. Welcome by the Vice-Chancellor.
	5. Presentation of candidate for the honorary doctorate and conferment of the degree by the Vice-Chancellor.
	6. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Vice-Chancellor.
	7. Closing by the Vice-Chancellor.
Please stand	8. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Visekanselier.
	4. Verwelkoming deur die Visekanselier.
	5. Voorstelling van die eredoktorandus en toekenning van die eredoktorsgraad deur die Visekanselier.
	6. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Visekanselier.
	7. Sluiting deur die Visekanselier.
Staan asseblief	8. Akademiese prosessie verlaat die verhoog.

FACULTY OF ENGINEERING
FAKULTEIT INGENIEURSWESE

The degree Doctor of Engineering (DEng), *honoris causa*, to
Die graad Doktor in die Ingenieurswese (DEng), *honoris causa*, aan

Tjaart Johannes Van der Walt

for his pioneering contributions to engineering, digital technology, and data science; his role in developing globally relevant and socially responsive financial innovations; and his continued commitment to mentoring future generations of innovators.

Dr Tjaart Johannes van der Walt is regarded as a pioneer of digital banking on the African continent and a thought leader in the ethical application of technology for societal benefit.

Van der Walt co-founded TymeGroup in 2012. He led the sale of it to the Commonwealth Bank of Australia in 2015 with his co-founder, and later its return to South Africa in 2018 with African Rainbow Capital. South Africa's first fully digital retail bank, TymeBank, launched in South Africa in 2019 under his co-leadership, using an innovative distribution model that brought banking services to millions of previously unbanked South Africans. TymeBank was followed by GoTyme Bank in the Philippines, launched in 2022.

A Stellenbosch University (SU) alumnus, Van der Walt continues to support the University's development. As a student, he served as chairman of the Student Representative Council (1990) and received the Chancellor's Medal (1992), SU's highest honour awarded to a final-year or postgraduate student for academic excellence and contributions to campus life. Van der Walt holds a doctorate in chemical engineering from Stellenbosch University (1992), and obtained a BCom Accounting degree from UNISA (2001). His research focused on the development of new artificial intelligence algorithms. As a post-graduate student, he published widely on the subject of AI in leading subject journals in the early 90s. More recently, he helped launch the TymeCube programme – a partnership between TymeGroup and SU that offers mentorship and research opportunities to top postgraduate students in engineering, actuarial and data science.

He contributes to national capacity development by supporting and investing in high-impact entrepreneurs and mentoring emerging leaders in the technology sector. He also serves as a board member of Endeavor South Africa.

vir sy baanbrekersbydraes tot ingenieurswese, digitale tegnologie en datawetenskap; sy rol in die ontwikkeling van wêreldwye relevante en sosiaal responsiewe finansiële innovasies; en sy volgehoue toewyding aan die mentorskap van toekomstige geslagte innoveerders.

Dr Tjaart Johannes van der Walt word as 'n pionier van digitale bankwese op die vasteland van Afrika en 'n denkleier in die etiese toepassing van tegnologie tot maatskaplike voordeel beskou.

Van der Walt was in 2012 'n medestigter van die TymeGroup. Hy het die verkoop daarvan aan die Commonwealth Bank of Australia in 2015 saam met sy medestigter gelei en later ook die terugkeer na Suid-Afrika in 2018 saam met African Rainbow Capital. Suid-Afrika se heel eerste ten volle digitale handelsbank, TymeBank, is in 2019 onder sy medeleierskap in Suid-Afrika met behulp van 'n innoverende verspreidingsmodel bekendgestel wat bankdienste aan miljoene Suid-Afrikaners gebring het wat voorheen nie bankdienste gebruik het nie. TymeBank is gevolg deur GoTyme Bank in die Fillipyne wat in 2022 bekendgestel is.

Van der Walt, 'n alumnus van die Universiteit Stellenbosch (US), ondersteun steeds die Universiteit se ontwikkeling. As student het hy as voorsitter van die Studenteraad gedien (1990) en in 1992 die Kanseliersmedalje ontvang. Dit is die US se hoogste eerbewys wat aan 'n finalejaar- of nagraadse student toegeken word vir akademiese uitnemendheid en bydraes tot die kampuslewe. Van der Walt het in 1992 'n doktorsgraad in chemiese ingenieurswese aan die Universiteit Stellenbosch [en het in 2001 'n BCom Rekeningkunde-graad van UNISA ontvang]. Sy navorsing het op die ontwikkeling van nuwe kunsmatige intelligensie-algoritmes gefokus. Hy het as 'n nagraadse student in die vroeë 90's wyd oor die onderwerp van KI in toonaangewende vaktydskrifte gepubliseer. Meer onlangs het hy gehelp om die TymeCube-program te begin – 'n vennootskap tussen TymeGroup en die US wat mentorskap- en navorsingsgeleenthede aan top- nagraadse studente in ingenieurswese en aktuariële en datawetenskap bied.

Hy dra ook tot die ontwikkeling van nasionale kapasiteit by deur entrepreneurs met 'n hoë impak te ondersteun en in hulle te belê en deur opkomende leiers in die tegnologiesektor te mentor. Hy dien ook in die raad van Endeavour South Africa.

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DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

ADUKE, Rhoda Ngira (Mechanical Engineering)

Numerical modelling of corrugated paperboard boxes

Corrugated paperboard boxes used for fresh-produce transport lose their structural integrity under static palletising loads. This study develops homogenised finite-element models to replace the complex 3D geometry of the board, while capturing the mechanical response of creased regions. The box is partitioned into panels, vertical creases and horizontal creases, and each region is assigned section-specific properties identified through inverse analysis, using targeted experiments by matching load–displacement responses. These properties are then used in full-scale box compression simulations, reproducing experiments and predicting peak load and in-plane and out-of-plane displacements within 1,4%, 7,7% and 2,2 % respectively.

Supervisor: Prof CJ Coetzee
Co-supervisor: Prof MP Venter

AURET, Christina (Electrical Engineering)

Contributions to long-term electricity system expansion planning through the systematic treatment of data uncertainty and operational assumptions

This study investigates weaknesses and uncertainties in long-term electricity system planning, focusing on South Africa. It examines three key challenges: the reliability of input data and assumptions, the limits of using historical performance in a rapidly changing system, and uncertainty in unit commitment model parameters. The research develops a method to quantify uncertainty in wind and photovoltaic (PV) production projections based on data duration; demonstrates that excluding embedded storage distorts planning outcomes; and shows that ignoring partial outages skews reliability and investment decisions. The findings support more robust and informed electricity system planning in South Africa and similar systems abroad.

Supervisor: Prof B Bekker

BARNARD, Andri (Chemical Engineering)

Fundamental behaviour and micronisation of Fischer-Tropsch waxes via supercritical CO_2 particles from gas saturated solution processing

The size and shape distributions of synthetic wax particles incorporated into inks, coatings and other applications are critical to final product efficacy. The particles-from-gas-saturated-solution (PGSS) process, with supercritical carbon dioxide (sc-CO_2) as plasticiser, offers an attractive alternative to more conventional particle formation methods. This study investigates the fundamental relationships between the size and morphology of Fischer-Tropsch wax particles and PGSS processing conditions. In the process, high-pressure phase behaviour and thermophysical property data of wax-CO_2 mixtures are measured and utilised to elucidate the mechanism(s) of particle formation. The impact on wax crystal structure is also investigated.

Supervisor: Prof CE Schwarz
Co-supervisor: Dr P Labuschagne (*external*)

BRAS, Edward Hendrik (Chemical Engineering)

Nonlinear adaptation of established linear and predictive control laws through safe reinforcement learning

Reinforcement learning (RL) enables data-driven adaptive control that does not necessitate assumptions regarding system dynamics. However, concerns regarding RL's transparency, maintenance of its stability in closed loop, and the establishment of safe exploration, greatly hinder the adoption of RL controllers in the chemical and mineral processing industries. This study contributes to the required interdisciplinary discourse by developing a safe, model-free RL controller based on proportional-integral control, delivering generalisable empirical results for stable controller tuning. It also leverages RL's intersection with the theory of model predictive control and root-locus analysis to uncover novel insights into RL control.

Supervisor: Prof TM Louw
Co-supervisor: Prof SM Bradshaw

BREYTENBACH, Gerhardt (Industrial Engineering)

Towards automated camera calibration from sports broadcast footage

This research addresses the challenge of automatic camera calibration in sports broadcast footage – a prerequisite for spatially aware analytics such as player tracking and augmented reality. It demonstrates that variations in field dimensions impose a fundamental constraint on calibration accuracy, challenging assumptions of fixed or generic field templates. A unified prediction-based calibration framework is developed for single-view broadcast footage, requiring minimal supervision. The proposed framework is validated across multiple sports, introduces more interpretable accuracy metrics, and establishes a standardised efficiency benchmark. Collectively, the work advances scalable, efficient and practical camera calibration for modern sports analytics.

Supervisor: Prof J Grobler

BURGER, Leon Eldon (Industrial Engineering)

The removal of false signals from convolutional neural networks

Convolutional neural networks have achieved performance comparable to human experts, yet their decision processes differ from human inference. These models often rely on false patterns derived from confounding features, which can lead to incorrect predictions. This study evaluates, compares and improves methods that identify and remove false associations from convolutional neural networks. Two taxonomies of confounders are introduced, together with a general evaluation framework that quantifies removal method effectiveness. The empirical evaluation reveals variation in effectiveness, and highlights practical limitations, while targeted refinements yield improved effectiveness for three confounder removal methods.

Supervisor: Prof AP Engelbrecht

CHAKAWA, Dennis (Chemical Engineering)

Downstream processing of black soldier fly larvae protein for human consumption

Black soldier fly larvae (BSFL) are a promising human protein source, but significant knowledge gaps prevent it from becoming a mainstream and consumer-acceptable product. This study helps bring BSFL protein closer to market by developing a novel downstream processing strategy that results in a final product that is in powder form, has acceptable organoleptic properties, and has good functional characteristics, suitable for inclusion in food formulations. The research confirms the technical viability of the newly developed downstream process to produce high-quality BSFL protein for food applications, thereby creating important new knowledge in support of the nascent insect protein industry.

Supervisor: Prof NJ Goosen

CHIKUNICHAWA, Tinashe Ashley (Engineering Management)

Developing a framework for conducting health technology assessment in a resource-constrained setting

Health Technology Assessment – the systematic evaluation of the clinical, economic, social and organisational value of health technologies – remains underdeveloped for medical devices in low and middle-income countries, creating barriers for local manufacturers. This study addresses these challenges by developing a validated conceptual Health Technology Assessment framework, using Design Science Research Methodology. Through iterative cycles of literature review, case study application and expert validation, the research produces a four-canvas framework and an operational management tool. This artefact provides lifecycle-based guidance to navigate value chain bottlenecks, enhance local manufacturing capacity and support evidence-informed decision-making in resource-constrained healthcare systems.

Supervisor: Prof SS Grobbelaar
Co-supervisor: Prof M Persson

CHIRINDA, Gibson Pasbel (Industrial Engineering)

Application of stiffness geometries in the lightweight design of automotive monolithic deep-drawn hard-shell rooftops

This research explores lightweight structural design, sheet-metal forming, and automotive product development. It addresses a defined industrial problem associated with polylithic hard-shell rooftops by designing and validating a monolithic, deep-drawn aluminium alternative with integrated stiffness geometries. The study combines product design, material characterisation, numerical simulation, manufacturing feasibility and experimental validation. The solution reduces weight by 30%, part count from 23 to 1, process routes by 63%, production time by 120 minutes, while eliminating leakage risk and manufacturing inefficiencies. The research demonstrates, for the first time, a fully monolithic deep-drawn hard-shell rooftop.

Supervisor: Prof S Matope
Co-supervisor: Dr A Sterzing (*external*)

CILLIERS, Tian (Electronic Engineering)

Development of hardware and efficient, robust control algorithms for a nanosatellite reaction control system

As nanosatellites undertake increasingly complex missions, they may require reaction control systems – a need that this study addresses through the design, manufacture and testing of a thruster module tailored for small spacecraft. Building upon this hardware, the project also introduces novel efficient algorithms for fine pointing and robust constrained slewing, using arbitrarily placed on-off thrusters. These methods utilise multi-axis phase-plane, pulse modulation and successive convexification-based model-predictive control strategies. To further improve performance and robustness, parameter estimation techniques are implemented to refine system models in real time. Together, these contributions establish a practical framework for advanced nanosatellite attitude control.

Supervisor: Prof HW Jordaan
Co-supervisor: Prof WH Steyn

COLYN, Markus Leon (Civil Engineering)

Sustainable 3D concrete printing for eco-conscious construction: recycled aggregates and low-carbon binders

The environmental potential of 3D concrete printing remains limited by dependence on high cement content, low aggregate-to-binder ratios, and non-recycled aggregates. This research develops and evaluates low-carbon printable mixtures, incorporating locally available alternative binders and recycled aggregates. Thirteen formulations are designed, achieving reduced cement usage with rheological behaviour suitable for 3D printing, and sufficient mechanical performance for structural applications. A selected mixture is then validated through printing and testing of a full-scale sinusoidal wall, demonstrating equivalent structural stability to conventional masonry, while reducing material usage by 55%. The study establishes practical strategies for advancing sustainable, low-carbon 3D concrete printing.

Supervisor: Prof AJ Babafemi
Co-supervisor: Prof GPAG van Zijl

CUPIDO, Llewellyn Heinriche (Mechanical Engineering)

Empirical multiphase model for strength evolution of high-chromium steel alloys

High-chromium steels used in nuclear reactors, oil refineries, and offshore platforms endure prolonged extreme temperatures. These harsh conditions drive complex microstructural changes that directly compromise component strength, potentially leading to premature failure. This study introduces a computational model that bridges the gap between a material's internal energy state and its mechanical strength — capturing the intricate strengthening and softening cycles. Where traditional methods assume steady decline, this model reveals the complex microstructural evolution over thousands of hours of extreme temperature exposure, closely matching real-world measurements. The result is a fundamentally new approach for forecasting failure limits of critical infrastructure.

Supervisor: Prof N Mahomed

DE WIT, John Spencer (Industrial Engineering)

A generic optimisation framework for reinforcement learning in the foreign exchange market

Deep reinforcement learning (DRL) in algorithmic trading is often hindered by market non-stationarity and model opacity. A generic framework is proposed in this study to address these challenges, filling a gap in the existing fragmented literature. The methodology mitigates non-stationarity by identifying market regimes through clustering and partitioning, while integrating explainable artificial intelligence (AI) for state-space optimisation and transparency. A robust evaluation protocol, utilising rolling-window back-testing and non-parametric statistics, ensures reliable agent selection. Validated via a proof-of-concept implementation and historical case studies, this framework provides a comprehensive, systematic approach for developing and optimising DRL trading agents in dynamic financial environments.

Supervisor: Prof JH van Vuuren

DIPPENAAR, Joshua Archibald (Electrical Engineering)

A regulatory framework for the grid integration of distributed energy resources: addressing noncompliance by aligning public and private value

This study investigates the integration of rooftop solar panels and battery storage into modern electricity systems, focusing on the technical, financial and regulatory challenges associated with this integration. It provides an in-depth analysis of non-compliant solar installations in South Africa and quantifies the impact of increased solar adoption on municipal electricity revenues. The research considers the implications for both solar and non-solar customers. Drawing on these findings, the study proposes practical frameworks for regulation and tariff design to ensure that the transition to renewable energy is both sustainable and equitable for all stakeholders in the power sector.

Supervisor: Prof B Bekker

DOMMISSE, William Robertson (Electronic Engineering)

Macro basis functions for wire and cable coupling analysis

Cables and wires often operate in tightly controlled electromagnetic environments. To predict and mitigate interference, full-wave numerical models such as the method of moments (MoM) and the finite element method (FEM) are required. However, multi-scale geometry presents a computational challenge. This study proposes macro basis functions (MBFs) for representing currents on wires and fields inside coaxial cables, to reduce computational cost while preserving full-wave accuracy. Occurrence of spurious solutions is avoided by ensuring that the MBFs can represent solenoidal current flows and gradient fields. Employing the MBFs achieves more than a ten-fold reduction in required computer memory compared to standard solutions.

Supervisor: Prof MM Botha
Co-supervisor: Prof T Rylander (*external*)

DUBE, Lucky (Electrical Engineering)

Critical evaluation of DC-grid and strong grid-forming wind generator systems

This study addresses two critical challenges in wind energy: declining grid strength, and dependency on rare-earth magnets. It proposes novel strong grid-forming systems that provide grid stability and inertia, alongside a multi-phase wound rotor synchronous generator designed for DC grids without permanent magnets. Through simulation, optimisation and experimental validation with a 4,2 kW prototype, the research demonstrates viable solutions for enhancing grid resilience and material sustainability. The integrated approach, from theoretical design to practical implementation, lays a foundation for next-generation, eco-friendly wind technologies, particularly for large-scale offshore wind farms.

Supervisor: Dr KS Garner
Co-supervisor: Prof MJ Kamper

DURAND, Thomas Gerhardus (Electronic Engineering)

Performance modelling of multi-hop LoRa-based networks for IoT applications

This research investigates multi-hop LoRa-based networks to enhance the performance of low-power wide area networks for Internet of Things applications. It evaluates two approaches: the Wake-on-Radio LoRaWAN protocol proposed by the LoRa Alliance, and a novel protocol, LoRaMesh, developed in this study. Using detailed simulation models, both schemes are compared against conventional single-hop LoRaWAN. Simulated results show that mesh networking significantly reduces end-device power consumption and improves quality of service under poor signal conditions, at the cost of increased relay energy use, highlighting the importance of careful network planning and routing design.

Supervisor: Prof MJ Booysen

DU TOIT, Zainodean (Electronic Engineering)

A tri-ridged flared horn for radio astronomy applications

This study explores the behaviour of threefold symmetric structures, focusing on the Tri-Ridged Waveguide and its potential use in radio astronomy receivers. These structures are attractive because they can support a wide bandwidth and allow the inclusion of a simple built-in calibration port – valuable features for sensitive astronomical observations. Based on electromagnetic simulation studies, a complete antenna system consisting of a Tri-Ridged Orthomode Transducer and a Tri-Ridged Flared Horn is designed and its feasibility demonstrated. The research represents the first full physical prototype of a concept that was previously only theoretically proposed, opening the door for further development of such antennas for future radio telescope systems.

Supervisor: Prof DIL de Villiers
Co-supervisor: Prof R Lehmensiek

ETUKET, Maureen (Industrial Engineering)

A decision-support framework for guiding local medical device innovation: an innovation systems perspective

This study investigates the high failure rate of local medical device innovation in South Africa – a problem rooted in complex systemic barriers. The research employs a mixed-methods design, triangulating a multi-stakeholder survey of 90 actors across academia, enterprise and government with Event History Analysis of three longitudinal case studies. This investigation reveals critical functional weaknesses, most notably in resource mobilisation and market formation. By identifying seven recurrent failure archetypes, the research offers evidence-based insights into systemic bottlenecks, advancing the understanding of innovation systems in low and middle-income countries beyond purely theoretical constructs.

Supervisor: Prof SS Grobbelaar
Co-supervisor: Dr F Salie

GERBER, Jacques Dewald (Civil Engineering)

Numerical modelling of seismic activity at tabular orebody mines in South Africa, using the boundary element method

This study develops a methodology for numerical modelling of seismic activity, and presents several applications at underground mines in South Africa, including a case study at Bambanani mine that spans more than ten years. Unlike other methodologies that only accommodate fault-slip seismic events on geological features, the proposed methodology also accommodates crush and shear seismic events ahead of the mining face, including Ortlepp shears, which are particularly common at ultra-deep gold mines. The novel contributions of this study provide opportunities for further efforts to reduce the risks of damage, injury and loss of life at underground mines in South Africa.

Supervisor: Prof NPJ de Koker

GROBLER, Lindi (Mechanical Engineering)

In silico and in vitro analysis of calcific and rheumatic aortic stenosis

Aortic stenosis severity is clinically assessed by transvalvular pressure gradients, estimated through the morphology-insensitive simplified Bernoulli equation. This study investigates the effect of valve morphology on haemodynamics to reveal limitations of the clinical approach. In silico analyses reveal that rheumatic valves offer higher resistance to blood flow, with higher jet velocities and pressure gradients than calcific valves. The simplified Bernoulli equation shows smaller errors in rheumatic stenosis, while morphology-specific correlations better align with in vivo measurements. The findings provide insight into the isolated effect of specific pathologies on haemodynamics and the workload demand on the heart.

Supervisor: Prof R Laubscher
Co-supervisors: Drs J van der Merwe, PG Herbst

HALLER, Cara Philipa (Chemical Engineering)

Evaluating processing options for lithium recovery from smectite clays

Rising lithium demand has driven interest in low-grade clay deposits previously not considered economically feasible to exploit. In this study, comparative evaluation of direct leaching using sulphuric acid and organic acids, as well as roasting followed by leaching, provides new insights into lithium extraction behaviour from a Southern African smectite-rich clay deposit. Purification strategies, including precipitation, solvent extraction and evaporation, are investigated for impurity removal, followed by lithium recovery as lithium carbonate. An integrated conceptual flowsheet is proposed based on experimental results, and used to develop a novel techno-economic process modelling tool to identify key cost drivers in lithium production from smectite clays.

Supervisor: Prof C Dorfling

HIRKO, Deme (Civil Engineering)

Using machine learning and the water evaluation and planning model to evaluate climate change impacts on surface water allocation in the upper Awash sub-basin, Ethiopia

This research integrates machine learning with the water evaluation and planning model to assess and optimise surface water allocation in Ethiopia's Upper Awash sub-basin under future climate scenarios. Using historical (1948–2010) and climate change-modelled data (2025–2075), the study reveals temperature increases of between 0,9 and 1,6 ˚C and precipitation shifts of -6,3% to +15,5%. The integrated framework identifies population and temperature as the main drivers of water demand. Optimisation analysis reveals two strategies: one promoting fair water distribution, and another enhancing efficiency, both supporting accurate, equitable and climate-resilient water management.

Supervisor: Prof JA du Plessis
Co-supervisor: Prof A Bosman

KANYENZE, Simba Simon (Civil Engineering)

Utilising a water based spraying method to improve 3D printed concrete

Three-dimensional concrete printing is fundamentally limited by anisotropic properties due to weak interlayer adhesion – a defect made worse by moisture loss during extended pass times or print delays. This study introduces a water-based spraying method to mitigate this issue. A comprehensive experimental programme finds that spraying water, chemical admixtures (retarders, bonding agents) and pozzolanic suspensions (metakaolin) at the interlayer at specific times during the printing process enhances flexural strength and durability. Furthermore, fresh-state deformation is tracked using digital image correlation, providing crucial data to develop a novel displacement model. This informs an analytical model that can predict deformation and buildability.

Supervisor: Prof R Combrinck

MADUFOR, Ndubuisi Johnkennedy (Electronic Engineering)

Development of a multi-component biosensor for recombinase polymerase amplification-CRISPR/Cas12a-based detection of *Fusarium oxysporum formae specialis cubense* tropical race 4

Fusarium wilt tropical race 4 is devastating banana production globally. The phytopathogen produces survival structures that enable it to persist in the soil for decades. Additionally, no fully resistant varieties are available to replace susceptible varieties for commercial production. Reliable and simple detection protocols are, therefore, crucial for effective prevention and containment strategies. In this study, a low-cost biosensing platform is designed that incorporates a custom heating module for isothermal DNA amplification and CRISPR/Cas12a cleavage, sensed by square-wave voltammetry on a microfluidic platform. A proof-of-concept prototype is successfully established, providing a foundation for future point-of-care diagnostics.

Supervisor: Prof WJ Perold
Co-supervisors: Dr G Mostert, Prof UL Opara

MASUKU, Freeman Nkululeko (Civil Engineering)

A sociotechnical systems approach to road safety in a low and medium-income country: Gauteng province, South Africa

This study investigates road fatalities in Gauteng, South Africa, from 2015 to 2020, using a sociotechnical systems framework to examine relationships between social, technical and spatial factors influencing road safety. Traditional statistical models (Poisson, multiple linear, negative binomial regression) are integrated with advanced machine learning models, including random forest and a novel, spatially aware Poisson random forest ensemble. Results show that vehicle population growth, older vehicle fleets and high-mobility roads significantly increase fatality risk, which is compounded by spatial features such as urban density, and temporal features such as available light. The framework provides predictive, context-sensitive insights to guide targeted infrastructure, behavioural and policy interventions.

Supervisor: Prof MD Sinclair

MATCHETT, Richard Neil (Civil Engineering)

A framework for digital twins as decision-support tools in South African toll road operations

This study develops a requirement-informed framework for digital twins as decision-support tools in South African toll road operations. It is grounded in empirical analysis of operational, tactical and strategic decision-making in toll road concessions, supported by a review of digital twin and asset management literature. The research identifies the information requirements, decision contexts and organisational conditions that characterise toll road operations, and synthesises these into a structured framework for planning digital twin implementation. In doing so, it establishes how digital twin implementation should be planned on the basis of operational realities and decision needs, rather than focusing on technological capabilities.

Supervisor: Prof JA Wium
Co-supervisor: Dr CJ Jurgens

MONZAMBE, Magbiti Giovani (Industrial Engineering)

The development of an IoT-enabled solid waste management system for a smart city, using capacitated vehicle routing problem and agent-based simulation

This study develops an Internet-of-Things-enabled smart solid waste management system for a smart city, using agent-based modelling and the Capacitated Vehicle Routing Problem. A simulation model integrated with mathematical programming is used to compare conventional and smart systems, optimise vehicle routing, and reduce travel distance, CO_2 emissions and operating costs. Results from a subsequent real-world case study show that the proposed system significantly improves routing efficiency, lowers environmental impact and increases waste collection truck utilisation compared with conventional waste management practices.

Supervisor: Prof JF Bekker

NDINISA, Sindi Sithembiso (Industrial Engineering)

Development of functionally graded tungsten carbide-316L stainless steel coatings by laser metal deposition: Process optimisation, microstructure evolution, and slurry abrasion wear behaviour

In this study, laser metal deposition is used to develop a novel tungsten carbide-316L stainless steel functionally graded coating for potential application in marine environments. A four-layer coating is designed using a customised rule of mixtures to mitigate residual stresses from thermal expansion mismatch. Optimal process parameters are obtained following a design of experiments approach with statistical regression analyses. Critical insights are gained from in-depth microstructural evolution studies, resultant hardness gradients, and abrasion wear performance. Wear mechanisms transition from plastic deformation to brittle fracture. The results demonstrate the feasibility of tailoring coating architecture through compositional and process parameter control.

Supervisor: Prof N Sacks

NDUNG'U, Steven (Electronic Engineering)

Computer-aided analysis of radio astronomy data

Radio astronomy increasingly relies on machine intelligence to manage the massive data volumes produced by next-generation telescopes. Traditional human-based approaches struggle with scalability, while deep learning methods incur high computational costs and produce non-interpretable models. This work proposes trainable Combination of Shifted Filter Responses (COSFIRE) filters as a lightweight, rotation-invariant and interpretable alternative image-based feature extraction approach that can be used for radio source analysis. Extensive experiments show that COSFIRE-based methods achieve comparable or superior performance to deep learning models when used to retrieve, classify and identify scientifically interesting radio galaxies in existing astronomy datasets, while requiring far fewer computational resources.

Supervisor: Prof SJ Wijnholds
Co-supervisors: Profs DIL de Villiers, G Azzopardi, Dr T Grobler

NFANYANA, Ketshabile (Electronic Engineering)

Parametric yield and tolerance optimisation of electromagnetic devices using feature-based non-linear partial least squares polynomial chaos expansion surrogates

Manufacturing processes inherently introduce geometric deviations that can degrade microwave component performance. Despite often being neglected, these inaccuracies may cause fabricated designs to fail performance requirements. Therefore, reliable microwave design must incorporate statistical effects of manufacturing tolerances from the outset. Statistical design approaches typically focus on maximising yield and the input parameter variations that sustain yield. This work presents a novel technique based on feature-based nonlinear partial least squares–polynomial chaos expansion (NLPLS-PCE) for yield analysis, yield optimisation and tolerance optimisation. Applied to several high-dimensional microwave problems, the proposed method demonstrates superior performance compared to established robustness enhancement techniques.

Supervisor: Dr L Bodenstein
Co-supervisor: Prof P Meyer

NGOBENI, Etian (Industrial Engineering)

Development of a maturity assessment model to support infrastructure development in wholesale food markets

Wholesale Food Markets (WFMs) are vital agrifood distribution hubs that rely heavily on infrastructure to manage product, information and cash flows. Yet WFMs face persistent challenges relating to degrading infrastructure and limited maturity-focused research. This study applies the Design Science Research Methodology to develop an infrastructure maturity assessment model and practical tool. Ten infrastructure domains are identified through extensive literature review, and are validated by global experts. The tool is then applied to a South African case study, revealing areas of optimisation, alongside infrastructure dimensions requiring continuous improvement. The study provides a structured approach for guiding infrastructure development and enhancing operational performance in WFMs.

Supervisor: Prof SS Grobbelaar
Co-supervisor: Dr C Meija-Arguetta (*external*)

NTLOKO, Welekazi S'thandwa (Industrial Engineering)

The development of a conceptual framework for hybridity and sustainability in social (micro-)franchises

Social (micro-)franchising has emerged as a powerful mechanism for scaling social impact through structured replication and local entrepreneurship. However, in resource-constrained contexts, social franchises face persistent tensions between financial sustainability and social mission. This study investigates how social (micro-)franchises can achieve hybridity and long-term sustainability, while scaling impact. Using a Design Science Research Methodology within a pragmatic paradigm, the research integrates literature synthesis, conceptual framework development, expert interviews and event history analysis of South African social franchises. The study proposes a three-layered conceptual framework, comprising the franchise system, social franchise and hybridity layers. Together, they guide governance, replication, inclusivity and mission–market alignment to support sustainable social franchise systems.

Supervisor: Prof SS Grobbelaar
Co-supervisor: Dr A Hermann-Frankhnel (*external*)

NUNES, Darné Derrica (Chemical Engineering)

The development and evaluation of engineering strategies to enhance microbial oil production for industrial applications

Microbial oils have been widely investigated as sustainable alternatives to conventional oil sources, yet commercial viability remains limited. This study develops a systematic framework for microbial oil production, encompassing strain selection, process optimisation and techno-economic evaluation. A qualitative objective function is established to support preliminary strain selection, and is refined through experimental screening. Rapid lipid quantification methods are assessed against gravimetric analysis, revealing strong strain-specific limitations. Temperature is demonstrated as an effective non-genetic engineering strategy to direct growth, lipid yield and fatty acid composition. Finally, a two-stage production process is designed and economically assessed, highlighting the potential for targeted high-value applications.

Supervisor: Prof RWM Pott
Co-supervisors: Profs E van Rensburg, VL Pillay

OKIRYA, Martin (Civil Engineering)

The development of intensity duration frequency curves under climate change considerations using remote sensed rainfall data in Uganda

This research develops Intensity-Duration-Frequency (IDF) curves for Uganda's current (1991–2020) and mid-century (2036–2065) climates, using observed data, bias-corrected satellite and climate change-modelled rainfall data. Daily rainfall is disaggregated in subdaily data, using an aligned time distribution empirical method. Satellite-based data are bias-corrected with methods such as quantile mapping. Comparison between observed and satellite-based IDF curves shows close agreement, with errors less than 1% at Gulu (NOAA_CPC) and 2% at Jinja (GPCC). Under RCP4.5, rainfall intensities rise by 9–21% at Gulu and up to 170% at Fort Portal. Regression equations for predicting IDF coefficients show high local accuracy.

Supervisor: Prof JA du Plessis

PRINSLOO, Trudie (Industrial Engineering)

Using metaheuristics with the ranking and selection indifference-zone procedure MMY in problems with many objectives

This study investigates a hybrid approach for solving large-scale, stochastic, multi-objective optimisation problems by integrating population-based metaheuristics with the multi-objective ranking and selection Procedure MMY. While metaheuristics sufficiently explore complex design spaces, they lack statistical guarantees. Ranking and selection methods, in turn, provide probability-of-correct-selection (PCS) guarantees, but are computationally expensive and unsuitable for large spaces. The study bridges this gap by using metaheuristics to generate candidate Pareto sets, and Procedure MMY to statistically validate them. During evaluation with three simulated engineering optimisation problems and three metaheuristics, the approach demonstrates improved statistical reliability.

Supervisor: Prof JF Bekker

RADEMAN, Marco Wiehann (Electronic Engineering)

Wavelet scattering transforms applied to whale vocalisation

This study investigates wavelet scattering transforms applied to whale vocalisation detection and classification through three research papers. First, the continuous wavelet transform is investigated as an alternative time-frequency decomposition for spectral entropy detectors. Next, wavelet scattering – a feature extraction method similar to the filters of convolutional neural networks – is utilised to further improve the spectral entropy detector, while also providing classification features to reduce false positives. Finally, a new generalised scattering transform, referred to as joint n-dimensional scattering, is established. Separable filters are applied to multidimensional signals, offering flexibility and computational advantages over other transform types.

Supervisor: Prof DJJ Versfeld
Co-supervisor: Prof JA du Preez

RATSHIDI, Lilies (Industrial Engineering)

The development of a framework to guide and support the implementation of ICT solutions for community health workers in resource-constrained settings within the South African context

Globally, community health workers (CHWs) are pivotal to primary healthcare delivery. Concurrently, ICT is recognised as a viable pathway to strengthen CHWs' effectiveness and health system integration. This research develops a framework to support and guide the implementation of ICT for CHWs in resource-limited South African contexts, grounded in design science. The framework serves as a practical toolkit, offering context-sensitive support structures, strategic pathways and an application guide to facilitate ICT operationalisation and decision-making. By addressing socio-technical realities, the toolkit promotes sustainable ICT implementation, thereby facilitating the integration of ICT-enabled CHWs into the health system and supporting equitable service delivery.

Supervisor: Prof SS Grobbelaar
Co-supervisor: Prof A Botha

SMIT, Hermé Charles (Electrical Engineering)

A modelling framework for lightning-induced common-mode currents in photovoltaic modules and small arrays

Lightning-induced electromagnetic interference poses a significant risk to photovoltaic (PV) installations, yet existing models inadequately capture cell-to-frame coupling effects. This research presents a validated computational electromagnetic modelling framework to predict lightning-induced common-mode currents in PV modules and small arrays. Measurements and simulations show strong agreement across lightning-relevant frequencies, with notable accuracy improvements over conventional parasitic-capacitance approaches, highlighting the importance of precise geometrical modelling. The study also derives, validates and proposes an improved wideband surge protection device model. In conclusion, the research shows that substantial transient currents can occur, even in standard compliant systems, providing valuable insight for improved PV lightning protection design.

Supervisor: Prof AJ Rix
Co-supervisor: Dr KM Coetzer

STEENKAMP, Pieter Jacobus (Industrial Engineering)

Decision support for the operational planning phase of the transit network planning problem

A significant shortcoming in the body of knowledge about the operational planning phase of the well-known transit network planning problem is a general failure to incorporate staff transportation requirements into integrated mathematical models. This study addresses that gap by formally establishing a vehicle crew rostering problem with staff transportation (VCRPST). A novel mathematical model and accompanying two-phase solution approach are proposed for the VCRPST, employing time–space networks. The practical applicability of these contributions is then demonstrated in three real-world case studies, with results indicating that the model is capable of achieving significant operational improvements and cost savings over manual processes.

Supervisor: Prof JH van Vuuren

VAN DER WALT, Rita Elise (Electronic Engineering)

Diagnostics of indoor environmental quality exposures and climate-infrastructure vulnerability in South African schools

This research addresses the evidence gap in classroom indoor air environmental exposures. It captures a longitudinal dataset to quantify environmental inequities across brick, prefabricated and container structures. Observational analyses reveal that temporary structures fail to buffer thermal extremes or maintain adequate ventilation, confirming that infrastructure type dictates environmental equity, even with active HVAC. Beyond measurement, a novel model-agnostic framework is developed to derive building physics proxies directly from measured temperature data. This enables targeted, cost-effective retrofits without building modelling. Finally, the work translates technical evidence into enforceable policy, ensuring that climate-resilient infrastructure protects learners' health and learning.

Supervisor: Prof MJ Booysen
Co-supervisors: Profs SS Grobbelaar, PG Rousseau

VILJOEN, Simone (Industrial Engineering)

Development of a framework for carbon budgets in South Africa

South African industries face several challenges in meeting mandatory carbon budget requirements under the Climate Change Act. This study identifies key legislative, quantification, reporting and compliance uncertainties. These uncertainties are then integrated into a universal framework, incorporating emissions modelling, tracking, risk assessment and uncertainty management. The framework is applied to a real-world case study responsible for approximately 18% of South Africa's national emissions. Results show that it effectively manages the financial, legal and environmental risks associated with exceeding the allocated carbon budgets. The practical, transparent and auditable framework supports the country's climate change commitments, while enabling proactive emissions management.

Supervisor: Dr AGS Gous
Co-supervisors: Prof CSL Schutte, Dr JH van Laar

Faculty of Engineering | Fakulteit Ingenieurswese

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master in Engineering Sciences in Biomedical Engineering
Magister in Ingenieurswetenskappe in Biomediese Ingenieurswese

Machtelinckx, Timon *(cum laude)*
Swart, Shané Petra *(cum laude)*
Wait, Louise Madeleine

Master of Engineering
Magister in die Ingenieurswetenskappe

Adam, Mohamed Riza (Engineering Management) *(cum laude)*
Adua, Bright (Chemical Engineering)
Agjee, Muhammad Hoosen (Civil Engineering) *(cum laude)*
Ahlschlager, Kyle Wayne (Electronic Engineering) *(cum laude)*
Allen, Alasdair Edward Lewer (Engineering Management) *(cum laude)*
Amese, Itumeleng Seemelane Nel (Industrial Engineering)
Audie, Christo (Engineering Management) *(cum laude)*
Augustyn, Bianca Monique (Civil Engineering) *(cum laude)*
Badenhorst, Marné (Engineering Management)
Baker, Neville John (Electrical Engineering) *(cum laude)*
Bamisaye, Rapheal Temitayo (Civil Engineering)
Bara, Nkcubeko (Industrial Engineering)
Barnard, Johannes Jacobus (Electronic Engineering)
Barnard, Theunis (Engineering Management) *(cum laude)*
Barrett, Daniel Anthony (Chemical Engineering)
Bavuma, Bonginkosi (Civil Engineering)
Bekker, Neil Francois (Electrical Engineering)
Berry, Caroline (Civil Engineering)
Bisschoff, Zander (Mechatronic Engineering)
Bockle, Daniel (Industrial Engineering) *(cum laude)*
Botes, Jacques Delano Travis (Engineering Management) *(cum laude)*
Bouwer, Jano Matthys (Industrial Engineering) *(cum laude)*
Bridger, Matthew Alan (Engineering Management) *(cum laude)*
Brinkley, Drew Peter (Industrial Engineering) *(cum laude)*
Brune, Pieter Erenst (Engineering Management)
Buchanan, Scott Daniel (Civil Engineering)
Buitendag, Karel Johan Wilhelm (Engineering Management)
Buys, Johannes Christoffel (Industrial Engineering) *(cum laude)*
Campbell, Kelly Susan (Chemical Engineering) *(cum laude)*
Carzola, Gabriela (Chemical Engineering) *(cum laude)*
Chabalala, Vongani Gift (Civil Engineering)
Chakawa, Mpilwenhle (Industrial Engineering)
Chetty, Brandon (Electronic Engineering) *(cum laude)*
Claassen, Rudolf Johannes Jakobus (Electrical Engineering)
Coetzee, Michiel (Chemical Engineering)
Conradie, Shana (Industrial Engineering)
Cronjé, Jason Christopher (Engineering Management) *(cum laude)*
Cumming, Aedan (Industrial Engineering) *(cum laude)*
Damaseb, Lovely Frampton (Engineering Management)
Daneels, Alexander Luke (Electronic Engineering)
De Raay, Yasmin (Industrial Engineering) *(cum laude)*
De Villiers, Caroline Michelle (Mechanical Engineering) *(cum laude)*
De Vos, Willem Wouter (Engineering Management)
De Voux, Jean-Pierre (Industrial Engineering)
Deepchund, Sasha Leigh (Engineering Management)
Delport, Petrus Johannes (Electronic Engineering)
Dippenaar, Amey (Engineering Management) *(cum laude)*
Du Plessis, Maria Richardt (Electronic Engineering) *(cum laude)*
Du Plessis, Stephan Visser (Industrial Engineering) *(cum laude)*
Du Randt, Johannes Claudius (Industrial Engineering)
Du Toit, Jacobus Christiaan Faure (Chemical Engineering) *(cum laude)*
Du Toit, Lena Louise (Industrial Engineering) *(cum laude)*
Duckitt, Matthew (Mechanical Engineering)
Dunn, Jernay (Engineering Management)
Epler, Nico (Electronic Engineering) *(cum laude)*
Fita, Gospel (Electrical Engineering)
Flood, Christopher Michael (Electronic Engineering) *(cum laude)*
Fogwill, Thomas Anthony (Industrial Engineering) *(cum laude)*
Fourie, Eduard Theodor (Mechanical Engineering)
Fourie, Marius (Engineering Management) *(cum laude)*
Gasa, Kwenzokuhle (Civil Engineering)
Giliomee, Francois (Mechanical Engineering)
Gloy, Johannes Jacobus (Civil Engineering) *(cum laude)*
Gordon, Roxsanne Alexsandria (Engineering Management)
Govender, Luendran (Engineering Management) *(cum laude)*
Govindsamy, Shalini (Engineering Management)
Grant, Jaco (Engineering Management) *(cum laude)*
Greding, Philip (Industrial Engineering) *(cum laude)*
Greyling, Abraham Carel (Industrial Engineering)
Greyling, Barend Christiaan Bester (Mechanical Engineering) *(cum laude)*
Groenewald, Stephanus Johannes (Engineering Management)
Hanekom, Nicol Jesse (Chemical Engineering)
Hauman, Gerhard (Engineering Management)
Heita, Justina Janneth (Engineering Management)

Hendricks, Umraan (Industrial Engineering)
Heyneke, Manoli (Industrial Engineering)
Holtshausen, Damian Luke (Electrical Engineering) *(cum laude)*
Huysamen, Pieter Andries (Engineering Management) *(cum laude)*
Jacobs, Liam Casey (Electrical Engineering)
Janse van Vuuren, Hendrik (Mechanical Engineering) *(cum laude)*
Jansen, Tyron Rubin (Engineering Management) *(cum laude)*
Jeggels, Dean Edward (Electronic Engineering)
Johnson-Ackeer, Tanryn Nicole (Engineering Management)
Jordaan, Gerhard Johan (Engineering Management)
Kalianjee, Nicosha (Civil Engineering)
Kasselman, Charl Wilhelm (Civil Engineering)
Kirstein, Carl Frederich (Industrial Engineering)
Kloppers, Conrad Jozua (Electrical Engineering) *(cum laude)*
Knipe, Richard Alexander (Electrical Engineering) *(cum laude)*
Korkie, Jane-Pierre (Industrial Engineering)
La Grange, Sean (Electronic Engineering)
Laaks, Kirsten Rose (Mechanical Engineering) *(cum laude)*
Labuschagne, Brandon (Industrial Engineering)
Lamprecht, Christiaan Gerrit (Electronic Engineering)
Langeveldt, Chris Hough (Industrial Engineering) *(cum laude)*
Le Roux, Eckaard (Electronic Engineering)
Le Roux, Megan (Electronic Engineering)
Le Roux, Morne (Electronic Engineering)
Le Roux, Phillip Hugo (Electronic Engineering) *(cum laude)*
Le Roux, Pierre (Industrial Engineering) *(cum laude)*
Lethole, Phathutshedzo Patience (Electrical Engineering)
Lombard, Anri (Industrial Engineering)
Louw, Retief Gideon Arno (Electronic Engineering) *(cum laude)*
Lweno, Hawa Shani (Engineering Management)
Maake, Nthabiseng Matshweu Irginia (Engineering Management) *(cum laude)*
Mabannda, Mulalo (Engineering Management)
Mabaso, Nelisa Zamantungwa Sphumelele (Industrial Engineering) *(cum laude)*
Mabitsela, Lebogang (Industrial Engineering)
Machuwaire, Kudzai (Chemical Engineering) *(cum laude)*
Madondo, Thulani Patrick (Engineering Management)
Madzivhandila, Phumudzo Elliot (Industrial Engineering)
Malan, Charles (Civil Engineering)
Malatse, Reabetswe Letlotlo (Civil Engineering)
Malzahn, Yul (Engineering Management)
Mapfumo, Johnson Tatenda (Civil Engineering) *(cum laude)*
Masefield, Jessica (Engineering Management) *(cum laude)*
Mathews, Charlotte (Industrial Engineering)
Mawire, Takudzwa (Electrical Engineering) *(cum laude)*
Mawire, Wadzanai (Civil Engineering)
Mbisa, Innocencia Agness (Civil Engineering)
Melim, Micaela (Mechanical Engineering)
Mhandire, Mirandah Anesu (Civil Engineering)
Minnie, Nicholas Derrick (Industrial Engineering) *(cum laude)*
Mitchell, Andrea Louise (Industrial Engineering) *(cum laude)*
Mkhize, Humphry Sfiso (Civil Engineering)
Mocke, Johannes Jacobus (Engineering Management) *(cum laude)*
Moen, Regan (Electronic Engineering)
Moloi, Peter Mpho (Engineering Management)
Mostert, Jacobus Christiaan (Mechanical Engineering)
Mouton, Willem Johannes (Industrial Engineering) *(cum laude)*
Mpata, Stallard Romeo (Engineering Management)
Mrubata, Sinetemba (Engineering Management) *(cum laude)*
Msonkho, Mark (Electronic Engineering)
Mtimkulu, Thando (Electronic Engineering)
Muller, Rhyn (Electronic Engineering) *(cum laude)*
Muzondidya, Tinomutendayi (Industrial Engineering) *(cum laude)*
Mzimane, Fefe (Civil Engineering)
Naidoo, Debashree (Industrial Engineering)
Naidoo, Kemintha (Engineering Management) *(cum laude)*
Naidoo, Sachrin (Civil Engineering)
Nash, Sheldon Peter (Engineering Management) *(cum laude)*
Ncolosi, Nonzwakazi Bulelwa (Civil Engineering) *(cum laude)*
Ncube, Sizalobuhle (Industrial Engineering)
Nel, Chané (Industrial Engineering) *(cum laude)*
Nel, Christoffel André (Industrial Engineering) *(cum laude)*
Ngatchou, Dominique Arnaud (Engineering Management)
Ngcobo, Sabelo (Engineering Management)
Ngcobo, Sakhile Pine (Industrial Engineering)
Ngwenya, Sibahle (Industrial Engineering)
Ngxabani, Thembakazi Thembela (Civil Engineering)
Nyambeni, Ngeletshedzo (Engineering Management)
Nyflis, Emmanuel (Civil Engineering)
Nyikadzawanda, Hudson (Chemical Engineering)
Obermeyer, Heino Stewart (Engineering Management) *(cum laude)*
Ockert, Marlon Charl (Engineering Management)
Olivier, Edwin (Chemical Engineering)
Olivier, Gert Daniel (Mechanical Engineering)
Orsmond, Jedd Liam (Chemical Engineering) *(cum laude)*
Padayachee, Cascarino Claude (Civil Engineering)
Padayachee, Noeleen (Engineering Management) *(cum laude)*
Patel, Ridwaan (Engineering Management) *(cum laude)*
Paterson, Tyron Brent (Engineering Management) *(cum laude)*
Paul, Jurgen Hugo (Engineering Management) *(cum laude)*
Perumal, Michael Savio (Mechanical Engineering)
Phukubye, Noko Sekolo (Mechanical Engineering) *(cum laude)*
Pieterse, Samuel (Engineering Management)
Poole, Victor (Industrial Engineering) *(cum laude)*
Pretorius, Lourens Badenhorst (Civil Engineering)
Pretorius, Talitha (Industrial Engineering) *(cum laude)*
Punabantu, Nawa (Chemical Engineering)

Redelinghuys, Franco (Mechanical Engineering)
Renner, Daniel Stefan (Engineering Management)
Rouhani, Tariq Ihsan (Electronic Engineering) *(cum laude)*
Ruzive, Grace (Electrical Engineering)
Sadien, Dawood (Civil Engineering)
Saloojee, Muhammad Hamza (Engineering Management) *(cum laude)*
Sekwadi, Kabelo (Industrial Engineering)
Sendzul, Adam Daniel (Electronic Engineering)
Seyoum, Dawit Tilahun (Civil Engineering)
Shaanika, Letitia Naapopye (Industrial Engineering)
Shaboodien, Sameer (Electronic Engineering) *(cum laude)*
Shalonda, Alfeus (Engineering Management)
Shankland, Kyle Michael (Civil Engineering)
Sharratt, Emma Lori (Electronic Engineering) *(cum laude)*
Shriram, Nadir (Engineering Management)
Sikhosana, Yandisa Melissa (Engineering Management) *(cum laude)*
Simon, Sarath (Mechanical Engineering)
Sims-Handcock, Chad Calvin (Electrical Engineering)
Singh, Bhivek (Industrial Engineering)
Singh, Nikhiel Rahul (Industrial Engineering) *(cum laude)*
Sinyage, Rendani Michelle (Chemical Engineering)
Spies, Luka (Industrial Engineering) *(cum laude)*
Stadler, Thurston James (Engineering Management) *(cum laude)*
Steenkamp, Johannes Andries (Mechanical Engineering) *(cum laude)*
Steyl, Frances (Industrial Engineering)
Swanepoel, Heinrich Marc (Mechatronic Engineering)
Swart, Belinda (Engineering Management) *(cum laude)*
Tekolo, Goitsemodimo Gideon (Engineering Management)
Theoha, Kabelo (Civil Engineering)
Theron, Daniel Philip (Electronic Engineering)
Thilajit-Ebrahim, Raksha (Engineering Management)
Tjitjerua, Uasora (Engineering Management)
Trinder-Smith, Lauren Kelsey (Industrial Engineering) *(cum laude)*
Truscott, Lome (Engineering Management)
Tshetlanyane, Palesa Anastasia (Civil Engineering) *(cum laude)*
Tshitshi, Ayabonga (Chemical Engineering)
Twala, Asanda (Engineering Management)
Van Antwerpen, Tiaan (Industrial Engineering) *(cum laude)*
Van den Berg, Ruan (Chemical Engineering) *(cum laude)*
Van der Merwe, Breyten (Chemical Engineering) *(cum laude)*
Van der Merwe, Elsara (Engineering Management) *(cum laude)*
Van der Merwe, Jacobus Marthinus (Engineering Management) *(cum laude)*
Van Eeden, Magdalena Catharina (Engineering Management)
Van Niekerk, Christoffel Hendrik (Mechanical Engineering) *(cum laude)*
Van Schalkwyk, Jayson (Engineering Management) *(cum laude)*
Van Schalkwyk, Lizette (Engineering Management) *(cum laude)*
Van Wyk, Carla (Civil Engineering) *(cum laude)*
Vermeulen, Ryan (Chemical Engineering) *(cum laude)*
Volschenk, Pierre John (Industrial Engineering) *(cum laude)*
Waterkeyn, Thomas Noah (Electronic Engineering) *(cum laude)*
Weitkaemper, Jens (Engineering Management)
Weyers, Carel David (Engineering Management)
Wheeler, Gail Kate (Mechanical Engineering)
Winter, Connal Daniel (Mechatronic Engineering)

Postgraduate Diploma in Engineering
Nagraadse Diploma in die Ingenieurswese

Arendse, Tatenda
Chizura, Zomunoda
Davhana, Tendani Terrence
Gasa, Zamile Nomfundo Fikile
Laubscher, Gerhardus Johannes Coreejes
Makamu, Shalati Sharon
Mokonyane, Derick Tshehla
Moselakgomo, Given Tshwanetsi
Motebu, Lehumo
Mzimela, Phumelele
Poongavanum, Renell
Shuudeni, Moses
Tanzwani, Dakalo
Tlou, Bheki
Tshabane, Carroll

Bachelor of Engineering
Baccalaureus in die Ingenieurswese

Allee, Ameera (Electrical and Electronic)
Anderson, William James (Mechatronics)
Azzakani, Yusra (Civil)
Baartzes, Noä (Mechatronics)
Baisch, Gianpaolo Generoso (Mechatronics)
Basson, John Andre (Mechatronics)
Benson, Matthew (Mechatronics)
Besselaar, Luca (Mechatronics)v
Bierman, Dirk Daniel (Mechanical)
Blankenberg, Diego (Mechatronics)
Blankenberg, Divano Rael (Mechanical)
Borkowski, Alan Maximilian (Industrial)
Bosman, Megan (Civil)
Bourn, Rachel Amy (Civil)
Cader, Musa (Mechatronics)
Carr, Daniel Benjamin (Industrial)
Cawood, James Winston (Industrial)
Christensen, Imiell (Mechanical)
Cilliers, Stephanus Abraham (Civil)
Coetzee, Mari-Liza (Industrial)
Counihan, Hannah Louise (Civil)
Crous, Wilmari (Industrial)
Da Costa, Daniella (Industrial) *(cum laude)*
Daniel, Simon Craig (Mechatronics)
Dau, Neo Gift (Mechanical)
De Beer, Ruan Rheeders (Industrial)
De Kock, Daniel (Industrial) *(cum laude)*
Devan, Riley Conor Randall (Industrial)
Du Plessis, Franco (Mechatronics)
Edwards, James Douglas (Mechanical)
Ferreira, Carla (Chemical)

Fourie, Ruan (Industrial)
Frantz, Ethan (Electrical and Electronic)
Gaum, Leander Ulrich (Electrical and Electronic)
Geddada, Jasmitha (Chemical)
Gelderblom, Juan Andries (Mechatronics)
Good, Michaela Jane (Mechatronics)
Handley, Erin-Rose (Mechanical)
Harvey, Darren (Mechanical)
Heppell, Megan (Industrial)
Jackson, Blake Wayne (Industrial)
Jacobs, Josh Adam (Industrial)
Jones, Riley Connor Laurence (Civil)
Kgoale, Tiishetjo Gilbert (Chemical)
Kohler, Jenna (Mechatronics)
Kooma, Chilala Visimo (Civil)
Krone, Pieter Naude (Industrial)
Lancefield, Janet Margaret (Industrial)
Lefikanyane, Lesego (Mechatronics)
Le Roux, Suzanne (Industrial) *(cum laude)*
Lochner, Jeanelle (Chemical)
Lordan, Andries Stefanus (Mechanical)
Loubser, Victor (Civil)
Lourens, Benjamin (Mechanical)
Mabaso, Sindile (Civil)
Mac Kenzie, Georgina Emma (Industrial)
Martin, Chavan Christian (Mechatronics)
McGeer, Shyquita Jenneth (Civil)
Meintjies, Marnus Jacobus (Industrial)
Misdorp, Nathan Luke (Mechanical)
Mullins, James Thomas (Mechanical)
Mullins, Ross (Mechanical)
Naude, Jamie Michael (Electrical and Electronic)
Nephali, Tshedza (Mechanical)
Ngcoya, Anele (Electrical and Electronic)
Olivier, Alecea (Industrial)
Opperman, Philip (Electrical and Electronic)
Paterson, Rourke James (Industrial)
Pietersen, Liam Reese (Mechanical)
Pollet, Michael Xavier (Mechanical)
Pritz, Jake (Mechanical)
Pullen, Tristan Thomas (Mechatronics)
Riley, Luke Malachy (Mechatronics)
Robertson, Benjamin Zeal (Industrial) *(cum laude)*
Roseveare, Ella Frances (Mechatronics)
Schippers, Jordan David (Mechanical)
Sharp, Myles Vincent (Chemical)
Shaw, Keegan Peter (Mechanical)
Shaw, Ryan James (Mechanical)
Silberbauer, Ryan Michael (Mechanical)
Simon, Sherin Elizabeth (Industrial)
Sithole, Anton Mpakwa (Industrial Engineering)
Stapelberg, Reickerdt (Mechanical)
Stoop, Ethan (Mechanical)
Swart, Clarissa (Industrial)
Swartz, Jordi (Mechanical)
Taylor, Benjamin Francis (Mechatronics)
Thompson, Robert Jaret (Electrical and Electronic)
Tosi, Ross John (Industrial)
Truscott, Matt (Industrial)
Truter, Johannes Hendrik (Mechatronics)
Van Aswegen, Wouter Anton (Chemical)
Van der Merwe, Brent (Mechanical)
Van der Vyver, Luke Hardy Hynch (Mechatronics)
Van der Walt, Nickilese (Mechatronics)
Van Dyk, Wernich (Industrial)
Venter, Christelle Ruth (Chemical)
Vincent, Caleb Matthew McKinlay (Civil)
Visser, Joshua (Mechatronics)
Wahlinzwa, Yandisa John (Civil)
Wiid, Caleb Peter (Mechatronics)
Williams, Sergio (Electrical and Electronic)
Williams, Timothy (Mechatronics)
Yusuf, Suhayb (Mechanical)

FACULTIES

Education • Theology

26 March 2026 | 17:00

FAKULTEITE

Opvoedkunde • Teologie

26 Maart 2026 | 17:00



Programme

Please stand	1. Entrance of academic procession into the hall.
Please stand	2. Playing of the National Anthem.
Please sit	3. Congregation formally constituted by the Deputy Vice-Chancellor.
	4. Welcome by the Deputy Vice-Chancellor.
	5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Deputy Vice-Chancellor.
	6. Closing by the Deputy Vice-Chancellor.
Please stand	7. The academic procession leaves the stage.

Program

Staan asseblief	1. Akademiese prosessie kom die saal binne.
Staan asseblief	2. Speel van die Nasionale Lied.
Sit asseblief	3. Formele konstituering deur die Viserektor.
	4. Verwelkoming deur die Viserektor.
	5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Viserektor.
	6. Sluiting deur die Viserektor.
Staan asseblief	7. Akademiese prosessie verlaat die verhoog.

Faculty of Education | Fakulteit Opvoedkunde

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

BAART, Noluntu Via (Curriculum Studies)

Investigating task design aspects that stimulate curiosity, creativity and reflection among Grade 6 learners in an after-school mathematics club

This design-based study investigates the interplay between task design and the development of the *productive dispositions* of curiosity, creativity and reflection among Grade 6 learners participating in an after-school mathematics club. More specifically, the focus is on task design to embed deductive reasoning in tasks to promote deeper cognitive engagement, enhance conceptual understanding, and stimulate productive learner dispositions. Findings reveal that explicit *deductive reasoning* tasks can effectively stimulate curiosity, encourage creative thinking and support reflective engagement among learners. The study also highlights learner unfamiliarity with open-ended reasoning and limited instructional time as implementation challenges.

Supervisor: Dr CE Lampen
Co-supervisor: Prof Z Janelidze

DIENER, Jacobus Petrus Willem (Curriculum Studies)

Randomness and confidence in introductory Physics multiple-choice incorrect answers, using assessment analysis to inform pedagogy

This study presents information-theoretic analysis (ITA), a new method for analysing multiple-choice questions that shifts the focus from individual student performance to collective class behaviour. Using principles from statistical physics and information theory, ITA measures the randomness of incorrect answers, and combines it with correct-answer rates to identify questions that expose shared misconceptions. Applied to a force-and-motion conceptual evaluation with first-year Physics students at a Botswana university over two years, the study also examines students' self-reported confidence. Results show that collective response patterns offer pedagogical insights beyond traditional psychometric techniques, though confidence data have limited discriminative value.

Supervisor: Prof BL Frick
Co-supervisors: Profs M Fourie-Malherbe, J Kriek (*external*)

KABUTU-NJEKWA, Catherine (Curriculum Studies)

Grade 9 teachers' and learners' experiences of e-learning in Mathematics education

This study investigates how teachers and learners experience e-learning in Grade 9 Mathematics within the CAPS framework across three socioeconomically contrasting secondary schools in Durban, South Africa. Using a qualitative design informed by phenomenography and Engeström's third-generation Cultural-Historical Activity Theory, the research examines how systemic mediations and contradictions shape these experiences. Findings show that e-learning functions as supplementary support rather than a transformative pedagogy, with outcomes shaped by resource availability, curriculum alignment, and support. Persistent contradictions across activity systems reproduce inequalities, underscoring the need for systemic coherence between curriculum design and teacher professional development to enable equitable Mathematics learning.

Supervisor: Prof MF Gierdien

MTSATSE, Nangamso (Education Policy Studies)

Teacher questioning and early grade literacy in Nguni languages: practice, knowledge and in-service development

This thesis addresses one of the most intractable problems in foundational learning—the persistent weaknesses in early-grade reading comprehension in African-language classrooms. A mixed-method study, the candidate finds that children cannot read for meaning because of unresolved challenges related to teacher capacity: surface-level questioning, limited inferential engagement in classroom pedagogy, and conceptual gaps in teacher's knowledge of reading theory and text complexity. In low-resource contexts, what is required, therefore, is the strengthening of teacher expertise, improved material design, and instructional coaching—all of which lie at the heart of the 'instructional core' in curriculum theory.

Supervisor: Prof JD Jansen
Co-supervisor: Prof EJ Pretorius *(external)*

MULLER, Gregorius Daniel (Education Policy Studies)

Exploring the lived experiences and contextual factors that shape the inter-relationships between leadership, management and governance in enhancing performance in quintile 1 primary schools

This study examines how leadership, management and governance function in well-performing quintile 1 primary schools in the Cape Winelands, despite persistent structural inequality in post-apartheid South Africa. Using an interpretivist approach, and drawing on the lived experiences of principals, school management teams and school governing body members, the research shows how poverty-related challenges shape schooling conditions, while collaborative, morally driven leadership and adaptive management sustain functionality. Findings highlight relational governance, teacher commitment and innovative, non-hierarchical practices as key performance enablers. The study contributes context-responsive policy insights, advocating for differentiated resourcing, leadership development, strengthened governance capacity and integrated social support to advance equity and sustainable school improvement.

Supervisor: Prof N Davids

NAMUTENYA, Tunomukumo Ileni (Curriculum Studies)

Cross-linguistic influence between Oshindonga and English: a corpus-driven study of Grade 7 learners' written work

This study investigates cross-linguistic influence between Oshindonga (L1) and English (L2) in Grade 7 writing in Oshana. Using a corpus-driven mixed-methods design, it builds the first Oshindonga learner corpus and two English corpora (urban, rural), analysed with #LancsBox. Guided by error analysis, contrastive analysis and Cummins's bilingual theories, the study identifies orthographic, morphosyntactic and lexico-semantic errors, and traces bi-directional transfer. Rural learners show stronger L1→L2 interference, while urban learners display intralingual errors. Oshindonga data reveal reverse transfer and borrowing. The study proposes an additive bilingual pedagogy and a data-driven model to support curriculum and classroom reform.

Supervisor: Prof M van der Merwe

SHIKONGO, Alina Nambashu (Curriculum Studies)

An investigation into empowering Biology teachers through practical work in the Khomas region, Namibia

This study explores participatory action research (PAR) to empower NSSCAS Biology teachers in Namibia's Khomas region through collaborative practical work design. Persistent challenges, including limited resources, inadequate training and time constraints, restrict inquiry-based teaching as well as teacher confidence. Guided by the critical paradigm and the interconnected model of professional growth (IMPG), the research engages five teachers in two PAR cycles, using interviews, workshops, journals and observations. Together, they adapt a transpiration experiment with celery and food colouring, enhancing learner engagement while meeting syllabus goals. PAR is shown to strengthen teacher autonomy, reflection, collaboration and innovation, demonstrating its value for sustainable curriculum transformation in resource-constrained contexts.

Supervisor: Prof LLL le Grange

Faculty of Education | Fakulteit Opvoedkunde

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Philosophy
Magister in die Wysbegeerte

Alexander, Megan Francine (Higher Education Studies)
Barends, Heidi (Higher Education Studies) *(cum laude)*
Maredi, Sagoama Philicia (Higher Education Studies)
Schoeman, Nolene (Lifelong Learning)
Siyoka, Siyoka Aldrin (Lifelong Learning)

Master of Education
Magister in die Opvoedkunde

Blom, Helani (Educational Psychology)
Dlamini, Nokukhanya Nonqubeko (Educational Support)
Duvenhage, Verdine (Educational Psychology)
Feldman, Toni Lynn (Educational Psychology) *(cum laude)*
Gush, Chloe Beth (Educational Psychology) *(cum laude)*
Ingham, Amy Joy (Educational Psychology)
Koni, Khanyisa (Curriculum Studies)
Lintvelt, Elizabeth Maria (Curriculum Studies)
Loots, Liezel (Educational Psychology) *(cum laude)*
Malinga, Thuleleni Samanthah (Education Policy Studies)
Matsoso, Lineo Manthatisi (Educational Psychology)
Mhlola, Masixole Steven (Curriculum Studies)
Mooi, Ronel (Education Policy Studies)
Nel, Amore (Curriculum Studies)
Njilo, Banele (Education Policy Studies)
Oelofse, Brandan (Education Policy Studies)
Steenkamp, Agnes (Educational Support)
Stevens, Melissa (Educational Psychology) *(cum laude)*
Tamri, Hannah Boshra (Education Policy Studies)
Truter, Elsje (Curriculum Studies)
Van der Westhuizen, Bianca (Educational Support)
Van Zyl, Rosemarie Clara (Educational Support)
Viljoen, Dorothea (Educational Psychology) *(cum laude)*
Wienekus, Cara (Educational Psychology)
Williams, Moegamad Noeg (Educational Support)

Bachelor of Education Honours (Education Development and Democracy)
Honneurs-Baccalaureus in die Opvoedkunde (Onderwysontwikkeling en Demokrasie)

Katikati, Ayabonga
Plaatjies, Timelane
Setjie, Kgaugelo Handrew
Tyani, Ongeziwe

Bachelor of Education Honours (Foundation Phase Teaching)
Honneurs-Baccalaureus in die Opvoedkunde (Grondslagfase-onderrig)

Besnard, Erin Lee
Willemse, Jesseray

Bachelor of Education Honours (Curriculum Inquiry)
Honneurs-Baccalaureus in die Opvoedkunde (Kurrikulumondersoek)

Fouché, Elsebé Catherina
Mkutu, Yonga
Muchate, Mduduzi
Ningiza, Kuhle

Bachelor of Education Honours (Language Education)
Honneurs-Baccalaureus in die Opvoedkunde (Taalonderwys)

Africa, Robyn Nicole *(cum laude)*
Cross, Margeaux Lee
Kula, Odwa
Magwaxaza, Sihle
Manuel, Bernalee
Mbatha, Sibusisiwe
Mkhontwana, Lelethu
Reynders, Talitha-Louise
Villet, Kiare

Postgraduate Certificate in Education in Further Education and Teaching Training
Nagraadse Onderwyssertifikaat in Verdereonderwys- en Onderrig-opleiding

Douw, Buntu
Gallant, Amy Stacey *(cum laude)*
Gongota, Mange
Gwenxane, Sityhilelo
Kunyane, Malehloa
Makhafola, Ngwako Cathy *(cum laude)*
Malamule, Vukosi Tracy
Manyike, Vutomi
Mase, Awonke
Matlala, Oratile Legopo Lebogang *(cum laude)*
Mazibuko, Senzakahle
Mbambo, Sindisiwe Noluthando
Mngweba, Dumisa Lihle
Molokoane, Phenyo Vincent
Mtalana, Sisonke
Nqeketo, Zubenathi
Nyangintsimbi, Siyasanga
Singama, Mfundo

Bachelor of Education (Foundation Phase Teaching)
Baccalaureus in die Opvoedkunde (Grondslagfase-onderwys)

Baderoen, Kouthar

O'Donovan, Hannah

Advanced Diploma in Education in Senior Phase Mathematics Teaching
Gevorderde Diploma in Opvoedkunde in Senior Fase Wiskunde-onderwys

Buthelezi, Nokubonga Samukelisiwe
Mokgoje, Onkarabetse
Mokonyane, Mmatefo Bafedile Paulinah
Mongale, Lebogang Olga
Shilote, Tshegofatso Angela *(cum laude)*

Advanced Diploma in Education in Senior Phase Natural Sciences Teaching
Gevorderde Diploma in Opvoedkunde in Senior Fase Natuurwetenskappe-ondewys

Cloete, Misha Corné *(cum laude)*
Gaonathebe, Oatlhotse Justice
Kganathe, Kerapetse Caxton
Takalani, Ndivhudzannyi *(cum laude)*

Faculty of Theology | Fakulteit Teologie

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE

FRANTZ, Mariëte Jolene (Practical Theology)

The significance of restorative justice on the rehabilitation, restoration and healing of an offender sentenced to life imprisonment: a case study of West Coast Medium 'A' Correctional Centre in the Western Cape

This study investigates the significance of restorative justice in facilitating the rehabilitation, restoration and holistic healing of incarcerated persons serving life sentences in South Africa. Against the backdrop of a predominantly retributive correctional system and the socio-theological challenges of post-apartheid society, the research addresses a critical gap: the need for empirically grounded, theologically informed models of justice that respond to the profound human and spiritual needs of those condemned to long-term imprisonment. The study concludes that restorative justice represents an indispensable complementary praxis in correctional environments, moving beyond punitive containment towards an evidence-based, ubuntu-informed integrated model of restorative pastoral praxis.

Supervisor: Prof CH Thesnaar

MHLANGA, Thandazani (Old Testament)

Land, people, space and place: constructing a decolonised reparative understanding of the Biblical creation myth through dialogue between the Hebrew Bible and Haudenosaunee creation stories

Cosmogonies illuminate societal worldviews and values, aiding analysis of colonial encounters between Euro-Christian settlers and the indigenous Haudenosaunee in North America. Settlers asserted superiority through the Biblical cosmogony in Genesis, claiming it validated their dominance. This study critically examines Genesis's creation narratives alongside the Haudenosaunee creation story, using a rhetorical rubric of land, people, space and place. Through a decolonised, reparative dialogue, it shows that perceived conflicts arise from social location and misinterpretation, not inherent hostility. Biblical creation myths, often weaponised against indigenous traditions, do not intrinsically oppose Haudenosaunee cosmology; instead, settler violence drew on sources beyond the Biblical cosmogony.

Supervisor: Prof LC Jonker

PONDANI, Simbarashe (Practical Theology)

"Church-preneurship": emerging perspectives on tensions between development and prosperity within Neo-Prophetic churches in Southern Africa

This study critiques the commercialisation of the gospel in Neo-Prophetic churches, arguing that it contributes to the continued underdevelopment of the poor. Neo-Prophetic churches have proliferated rapidly, drawing large followings through miracles, prophecies, teachings on submission and loyalty, and a strong social media presence. Their prominence centres on the figure of the "prophet", whose wealth accumulation persists even under constrained economic conditions. The study investigates how prophetic teachings and practices are shaped by entrepreneurial and neoliberal principles, and how these contribute to the marginalisation of the poor. It urges such churches to reclaim their role in fostering community development, promoting justice and safeguarding dignity.

Supervisor: Prof NF Bowers-Du Toit
Co-supervisor: Prof P White

ROBERTHS, Tamlynn Jane (Practical Theology)

Three-generational households: investigating relational resources and the church as agent of socialization amidst community-based trauma on the Cape Flats

This study investigates the impact of community-based trauma on the relational resources of trust, loyalty, guilt and legacy in three-generational households, as well as the influence of the church as an agent of socialisation on the Cape Flats. It finds that trust, loyalty, guilt and legacy are affected by community-based trauma, but are also strengthened by the relational support received in the home, and the spiritual interconnectedness with an ever-present God. The research advocates for a different approach to living with the reality of community-based trauma that is deeply relational, theological and faith-enquiring.

Supervisor: Prof CH Thesnaar

SIMBAYA, Israel Gilbert (Missiology)

A contextual missiological-theological response to widow cleansing in the Church of God in Zambia

This study investigates how the Church of God in Zambia has responded missiologically and theologically to the challenge of widow cleansing rituals and practices in Zambia. Drawing on the empirical evidence gathered, and using a missiological-theological framework, the research critically examines how and to what extent the church has responded to this challenge, concluding that very little has been done. In light of this finding, the study recommends that the church could support widows by implementing basic transformative, contextual and holistic ministerial practices in communities.

Supervisor: Prof H Mbaya

Master of Philosophy
Magister in die Wysbegeerte

Bamidele, Titilayo Lydia (Religion and Culture)

Master of Theology
Magister in die Teologie

Bergens, Leandro Randall Jacques (Systematic Theology)
Botha, Cornelis Johannes (Practical Theology: Ministry) *(cum laude)*
Brecht, Gail Leonie (Practical Theology: Ministry)
Ellis, Marius (Practical Theology) *(cum laude)*
Esau, Warren Perceville (Practical Theology: Ministry)
Katom, Nokuphiwa (Practical Theology) *(cum laude)*
Khalo, Nthabiseng (Practical Theology: Ministry)
Lee, Donghun (Practical Theology) *(cum laude)*
Loots, Neels (Practical Theology: Clinical Pastoral Care)
Lottering, Petrus Jacobus (Practical Theology: Ministry)
Ngobeni, Hlamulo Jeffrey (Systematic Theology)
Niemandt, Hendrik Ostenwald (Practical Theology: Ministry) *(cum laude)*
Nojoko, Nkululeko (Church History and Church Polity)
Panda, Baptista Alberto (Systematic Theology)
Pelser, Jean Nicholas (Practical Theology: Ministry) *(cum laude)*
Petro, Marlon Clement (Systematic Theology) *(cum laude)*
Pretorius, Willem Hendrik (Practical Theology: Ministry) *(cum laude)*
Setoto, Godisamang Isar (Practical Theology)
Small, Kirsten (Practical Theology: Clinical Pastoral Care) *(cum laude)*
Solomon, Elisha (Systematic Theology) *(cum laude)*
Stander, Petronella Elizabeth (Practical Theology: Ministry) *(cum laude)*
Witthoft, Ewald (Practical Theology: Clinical Pastoral Care)

Postgraduate Diploma in Theology
Nagraadse Diploma in Teologie

Barnard, Wouter Ulrich
Bourne, Bradley Ivan *(cum laude)*
Duiker, Natalia
Gawulayo, Walter Lwandile
Jacobs, Abbygail *(cum laude)*
Kamfer, Gerald
Kruger, Hendrik Abraham
Kupe, Uyapo
Makwenkwe, Anesipho
Masango, Tawanda George
Mkhize, Sikhumbuzo Cazwell
Mohatle, Itumeleng
Mokgosi, Maselaotswe Charlotte
Nel, Jacobus
Olivier, Nico
Pupuma, Lelethu Daniel
Samuels, Ricardo Edcar
Singiswa, Mziwamadoda

Bachelor of Theology
Baccalaureus in die Teologie

Booysen, Deovarn
Davids, Joshlynn
Diphatse, Tshedimosetso
Duma, Asanda
Maans, Leigh
Mampana, Layola
Njinge, Milowo Basivile
Nolusu, Anitha
Okkers, Kiara
Shoniwa, M'clean
Skisazana, Tankiso
Volmoer, Mckyle

Bachelor of Divinity
Baccalaureus Divinitatis

Schiele, Bernhard Georg Gunning

HOME PAGE TUISBLAD

National anthem | Nasionale volkslied

Nkosi Sikelel' iAfrika
Maluphakanyisw' uphondo lwayo,
Yizwa imithandazo yethu,
Nkosi sikelela, thina lusapho lwayo

Morena boloka setjhaba sa heso,
O fedise dintwa le matshwenyeho,
O se boloke, O se boloke setjhaba sa heso,
Setjhaba sa South Afrika - South Afrika.

Uit die blou van onse hemel,
Uit die diepte van ons see,
Oor ons ewige gebergtes,
Waar die kranse antwoord gee,

Sounds the call to come together,
And united we shall stand,
Let us live and strive for freedom,
In South Africa our land.



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forward together
sonke siya phambili
saam vorentoe

Engage with us • Raak betrokke

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Contact us
Tel: +27 21 808 9266
Fax: +27 21 808 8405
E-mail: alumni@sun.ac.za

Postal address:
Stellenbosch University
Private Bag X1
Matieland, 7602
South Africa

Physical address:
Victoria Street, Admin B, 3rd Floor
Stellenbosch

Kontak ons
Tel: +27 21 808 9266
Faks: +27 21 808 8405
E-pos: alumni@sun.ac.za

Posadres:
Universiteit Stellenbosch
Privaatsak X1
Matieland, 7602
Suid-Afrika

Fisiese adres:
Victoriastraat, Admin B, 3de Vloer
Stellenbosch

Stellenbosch Alumni **@MatiesAlumni** **@SU_Alumni**


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