



STELLENBOSCH

UNIVERSITY
IYUNIVESITHI
UNIVERSITEIT

Graduation Ceremonies

8 December

13:00 • 17:00

9 December

09:00 • 13:00 • 17:00

Gradeplegtighede

8 Desember

13:00 • 17:00

9 Desember

09:00 • 13:00 • 17:00

2025

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:





Mr Lesetja Kganyago

Chancellor | Kanselier

Dear Stellenbosch University graduates,

Today is a celebration of your dedication and perseverance. Graduating is not just about reaching the finish line. It is about embracing new opportunities and stepping forward with confidence into the future you have worked so hard for.

Stellenbosch University is known for producing graduates who make a real difference in the world. Now, as you step into this next phase of your journey, you join a global family of Maties who are shaping industries, strengthening communities, and contributing to building a better future.

Your qualification is more than a personal achievement; it is a responsibility. You have the knowledge, skills, and character to create meaningful change, which SU places a high premium on. Whether you lead, innovate, or serve, always stay true to your values and let your integrity guide you.

I have no doubt that you will go on to do great things. Keep learning and growing, and never stop believing in your own potential.

Congratulations on this incredible achievement. Stellenbosch will always be a part of you - and you will always be a Matie.

Warm regards,

Lesetja Kganyago

Chancellor

Beste gegradueerdes van die Universiteit Stellenbosch,

Vandag vier ons jou harde werk en deursettingsvermoë. Gradeplegtigheid gaan oor meer as om slegs die eindstreep te bereik. Dit gaan daaroor om nuwe geleenthede te omarm en hoe jy met selfvertroue jou toekoms, waarvoor jy so hard gewerk het, tegemoetgaan.

Die Universiteit Stellenbosch is bekend vir gegradueerdes wat 'n werklike verskil in die wêreld maak. Nou, soos jy jou nuwe reis begin, sluit jy aan by 'n wêreldwye gemeenskap van Maties wat industrieë hervorm, gemeenskappe versterk en 'n beter toekoms vir almal skep.

Jou kwalifikasie is meer as 'n persoonlike prestasie, dit is 'n verantwoordelikheid. Jy het die kennis, vaardighede en karakter om sinvol tot die samelewing by te dra, iets waarop ons by die US 'n hoë waarde plaas. Of jy nou lei, innoveer of dien, bly getrou aan jou waardes en laat integriteit jou rig.

Ek twyfel nie vir 'n oomblik dat jy buitengewone dinge sal bereik nie. Hou aan leer, hou aan groei, en glo altyd in die krag van jou eie potensiaal.

Baie geluk met hierdie prestasie. Stellenbosch sal altyd deel van jou wees, en jy is altyd 'n Matie.

Hartlike groete,

Lesetja Kganyago

Kanselier



Prof Deresh Ramjugernath

Rector and Vice-Chancellor | Rektor en Visekanselier

Dear Matie,

Congratulations on reaching this significant 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.

A Stellenbosch University qualification is more than a degree or a certificate – it represents the knowledge, skills, and values you have developed during your time with us. It is also a symbol of the many opportunities that now lie ahead as you step confidently into the next phase of your journey.

As you look toward the future, I encourage you to carry forward SU's core values – excellence, compassion, accountability, respect, and equity. These principles are the foundation of our university community, and they will continue to guide you as you make meaningful contributions in South Africa and the world.

Please stay in touch with your alma mater through our global alumni network. Wherever your path leads, know that Stellenbosch remains your intellectual home, and we look forward to seeing the impact you will make in the years to come.

Wishing you every success as you begin this exciting new chapter!

Prof Deresh Ramjugernath

Rector and Vice-Chancellor

Beste Matie,

Baie geluk met hierdie belangrike mylpaal! Om jou kwalifikasie te voltooi is 'n merkwaardige prestasie, en vandag vier ons nie net jou harde werk nie, maar ook die veerkragtigheid, nuuskierigheid en toewyding wat jou tot op hierdie oomblik gebring het.

'n Kwalifikasie van die Universiteit Stellenbosch is meer net as 'n graad of 'n sertifikaat, dit verteenwoordig die kennis, vaardighede en waardes wat jy in jou tyd by ons ontwikkel het. Dit is ook 'n simbool van die vele geleenthede wat nou voorlê soos jy die volgende fase van jou reis betree.

Ek wil jou aanmoedig om die US se kernwaardes – uitnemendheid, deernis, aanspreeklikheid, respek en billikheid – voort te dra. Hierdie beginsels is die fondament van ons universiteitsgemeenskap en sal jou help om betekenisvolle bydraes in Suid-Afrika en die wêreld te lewer.

Bly asseblief in kontak met jou alma mater deur ons wêreldwye alumni-netwerk. Waar jou pad ook al lei, weet dat Maties altyd jou intellektuele tuiste sal wees, en dat ons uitsien na die impak wat jy in die toekoms kan maak.

Ons wens jou alle sukses toe met hierdie opwindende nuwe hoofstuk!

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

Prof N Smit, BLC, LLB, LLD

Deputy Vice-Chancellor (Social Impact, Transformation and Personnel)**Viserektor (Sosiale Impak, Transformasie en Personeel)**

Prof NN Koopman, BA, MTh, DTh

Acting Deputy Vice-Chancellor (Learning and Teaching)**Waarnemende Viserektor (Leer en Onderrig)**

Prof RA Stevens, BA, LLB, LLM, LLD

Deputy Vice-Chancellor (Research, Innovation and Postgraduate Studies)**Viserektor (Navorsing, Innovasie en Nagraadse Studies)**

Prof S Moyo, BSc, BScHons, MSc, MTEM, PhD

Acting Deputy Vice-Chancellor (Strategy, Global and Corporate Affairs)**Waarnemende Viserektor (Strategie, Globale en Korporatiewe Sake)**

Prof MS Tshela, MSc, PhD

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 D Brink, BScHons, MScAgric, PhD

Education | Opvoedkunde

Prof MR Madiba, DLitt et Phil

Law | Regsgeleerdheid

Prof JM, B.luris, LLM, LLD (acting)

Economic and Management Sciences | Ekonomiese en Bestuurswetenskappe

Prof RC Daniels, BSc, MA, PhD

Engineering | Ingenieurswese

Prof JL van Niekerk, 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 alumnihubs@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 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 www.matiesgivingday.com.

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 obuhubekayo kunye nale yunivesithi owawusakufunda kuyo. IOfisi yabo Babesakuba Ngabafundi Apha yiyo ekunxulumanisa neYunivesithi ubomi bakho bonke. Emva komsitho wothwesozidanga wefakhalathi 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 uqhagamshelane. 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 alumnihubs@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 www.matiesgivingday.com.

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forward together
sonke siya phambili
saam vorentoe

Graduation Ceremonies | Gradeplegtighede

1. 8 December | Desember 2025 (13:00)

9

Faculty of Engineering | Fakulteit Ingenieurswese

Honorary Doctorate | Eredoktorsgraad

Colin Deiner

11

Doctoral Qualifications | Doktorale Kwalifikasies

12

Other Qualifications | Ander Kwalifikasies

17

2. 8 December | Desember 2025 (17:00)

23

Faculty of Education | Fakulteit Opvoedkunde

Doctoral Qualifications | Doktorale Kwalifikasies

25

Other Qualifications | Ander Kwalifikasies

26

3. 9 December | Desember 2025 (09:00)

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Faculty of AgriSciences | Fakulteit AgriWetenskappe

Doctoral Qualifications | Doktorale Kwalifikasies

35

Other Qualifications | Ander Kwalifikasies

38

Chancellor's Award | Kanselierstoekenning

Johan Theodorus Burger

42

Faculty of Law | Fakulteit Regsgeleerdheid

Honorary Doctorate | Eredoktorsgraad

Chris Otto

43

Doctoral Qualification | Doktorale Kwalifikasie

44

Other Qualifications | Ander Kwalifikasies

45

Faculty of Science (Group 1) | Fakulteit Natuurwetenskappe (Groep 1)

BSc (Chemistry); BSc (Focal Area: Applied Medicinal Chemistry); BSc (Focal Area: Bioinformatics and Computational Biology); BSc (Human Life Sciences); BSc (Molecular Biology and Biotechnology); BSc (Sport Science); BScHons (Biochemistry); BScHons (Bioinformatics and Computational Biology); BScHons (Chemistry); BScHons (Genetics); BScHons (Microbiology); BScHons (Physiological Sciences); BScHons (Polymer Science); MSc (Biochemistry); MSc (Bioinformatics and Computational Biology); MSc (Chemistry); MSc (Genetics); MSc (Microbiology); MSc (Physiological Sciences); MSc (Polymer Science); PhD (Biochemistry); PhD (Bioinformatics and Computational Biology); PhD (Chemistry); PhD (Genetics); PhD (Microbiology); PhD (Physiological Sciences); PhD (Polymer Science)

Doctoral Qualifications | Doktorale Kwalifikasies 51

Other Qualifications | Ander Kwalifikasies 56

Chancellor's Award | Kanselierstoekenning 60

Jacob Leendert Snoep

Faculty of Science (Group 2) | Fakulteit Natuurwetenskappe (Groep 2)

BSc; BSc (Biodiversity and Ecology); BSc (Computer Science); BSc (Earth Science); BSc (Focal Area: Biomedical Mathematical Sciences); BSc (Focal Area: Biomathematics); BSc (GeoInformatics); BSc (Mathematical Sciences); BSc (Physics); BSc (Plant Biotechnology); BDatSci; BScHons (Applied Mathematics); BScHons (Biodiversity and Ecology); BScHons (Computer Science); BScHons (Earth Sciences); BScHons (GeoInformatics); BScHons (Geography and Environmental Studies); BScHons (Mathematics); BScHons (Theoretical Physics); BScHons (Nuclear Physics); BScHons (Laser Physics); BScHons (Radiation Physics); BScHons (Plant Biotechnology); MSc (Applied Mathematics); MSc (Botany); MSc (Computer Science); MSc (Earth Sciences); MSc (Geography and Environmental Studies); MSc (GeoInformatics); MSc (Machine Learning and Artificial Intelligence); MSc (Mathematical Sciences); MSc (Mathematics); MSc (Operations Research); MSc (Physics); MSc (Plant Biotechnology); MSc (Physical and Mathematical Analysis); MSc (Zoology); PhD (Applied Mathematics); PhD (Botany); PhD (Computer Science); PhD (Earth Sciences); PhD (Geography and Environmental Studies); PhD (GeoInformatics); PhD (Mathematics); PhD (Operations Research); PhD (Physics); PhD (Plant Biotechnology); PhD (Physical and Mathematical Analysis); PhD (Zoology)

Doctoral Qualifications | Doktorale Kwalifikasies 63

Other Qualifications | Ander Kwalifikasies 65

Chancellor's Award | Kanselierstoekenning 70

Susana Clusella-Trullas

forward together
sonke siya phambili
saam vorentoe

Faculty of Engineering
8 December 2025 | 13:00

Fakulteit Ingenieurswese
8 Desember 2025 | 13:00



Programme

<i>Please stand</i>	1. Entrance of academic procession into the hall.
<i>Please stand</i>	2. Playing of the National Anthem.
<i>Please sit</i>	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. Introduction of the candidate for the Chancellor's Award and presentation of the award by the Vice-Chancellor.
	8. Closing by the Vice-Chancellor.
<i>Please stand</i>	9. The academic procession leaves the stage.

Program

<i>Staan asseblief</i>	1. Akademiese prosesie kom die saal binne.
<i>Staan asseblief</i>	2. Speel van die Nasionale Lied.
<i>Sit asseblief</i>	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. Voorstelling van die kandidaat vir die Kanselierstoekenning en oorhandiging van die toekenning deur die Visekanselier.
	8. Sluiting deur die Visekanselier.
<i>Staan asseblief</i>	9. Akademiese prosesie 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

Colin Deiner

for his unwavering commitment to saving lives; his contributions to advancing disaster management and response services; and his generosity in sharing his expertise and knowledge across diverse platforms.

Colin Deiner, the Western Cape provincial government's Chief Director: Disaster Management and Fire and Rescue Services, is internationally recognised for his extensive expertise in disaster management and response.

Deiner has led South African search and rescue teams to disaster-affected areas across the country and abroad. This includes earthquakes in Turkey (1999), India (2001), Algeria (2003), Iran (2003-2004), Pakistan (2005), Haiti (2010) and Japan (2011), floods in Malawi (2015) and KwaZulu-Natal (2022), the 2017 Knysna fire disaster, and the George building collapse in 2024. He also coordinated the drought disaster campaign (Day Zero) in the Western Cape and the non-medical component of the Covid-19 provincial response.

In 2017, he was recognised by the Disaster Management Institute of Southern Africa for extraordinary service to the disaster management profession and in promoting disaster risk reduction in South Africa.

Deiner has shared his extensive expertise widely, contributing regularly to industry publications on disaster management, search and rescue, wildfires, and related topics. He has also collaborated with several Stellenbosch University departments – including Fire Engineering in the Faculty of Engineering, the Research Alliance for Disaster and Risk Reduction (RADAR) in the Faculty of Arts and Social Sciences, and the Division of Emergency Medicine in the Faculty of Medicine and Health Sciences – to share his knowledge and support research and training initiatives.

vir sy onwrikbare toewyding aan die redding van lewens; sy bydraes tot die bevordering van rampbestuur en -reaksiedienste; en sy vrygewigheid om sy kundigheid en kennis oor diverse platforms te deel.

Colin Deiner, die Wes-Kaapse provinsiale regering se Hoofdirekteur: Rampbestuur en Brand- en Reddingsdienste, word internasionaal erken vir sy uitgebreide kundigheid in rampbestuur en -reaksie.

Deiner het Suid-Afrikaanse soek- en reddingspanne na rampgeteisterde gebiede oor die land heen en in die buiteland gelei. Dit sluit aardbewings in Turkye (1999), Indië (2001), Algerië (2003), Iran (2003-2004), Pakistan (2005), Haïti (2010) en Japan (2011), vloede in Malawi (2015) en KwaZulu-Natal (2022), asook die 2017 Knysna-brandramp en die George-bouramp in 2024 in. Hy het ook die droogterampveldtog (Dag Zero) in die Wes-Kaap en die nie-mediese komponent van die provinsiale reaksie op Covid-19 gekoördineer.

Hy is in 2017 is deur die Rampbestuursinstituut van Suider-Afrika vir buitengewone diens aan die rampbestuursberoep en vir die bevordering van rampriskovermindering in Suid-Afrika erken.

Deiner het sy uitgebreide kundigheid wyd gedeel en gereeld tot bedryfspublikasies oor rampbestuur, soek en redding, veldbrande en verwante onderwerpe bygedra. Hy het ook met verskeie departemente van die Universiteit Stellenbosch saamgewerk – insluitende Brandingenieurswese in die Fakulteit Ingenieurswese, die Navorsingsalliansie vir Ramp- en Risikovermindering (RADAR) in die Fakulteit Lettere en Sosiale Wetenskappe en die Afdeling Noodgeneeskunde in die Fakulteit Geneeskunde en Gesondheidswetenskappe – om sy kennis te deel en navorsings- en opleidingsinisiatiewe te ondersteun.

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

ADAMS, Russell John (Civil Engineering)

The monetisation of infrastructure value as a financial instrument to fund private finance for infrastructure development

This study proposes a theory to convert the economic value generated by infrastructure into a monetisable revenue stream to finance its construction. The theory involves the issuing of tax credit tokens against the additional tax revenue resulting from infrastructure-induced economic growth. Token redemption against holders' future tax liabilities creates a temporal revenue stream to attract private finance investment. The proposed framework is supported by a contractual framework, mathematical models and an adapted risk typology. Desktop experiments and expert feedback confirm plausibility and efficiency. Results suggest that the framework could cost-effectively support private infrastructure financing and help reduce infrastructure delivery deficits.

Supervisor: Prof JA Wium

Co-supervisors: Profs CJ MacRobert, N Khatleli (*external*)

BARRISH, Daniel (Industrial Engineering)

On the theory and practice of anomaly detection in time series

This study addresses the misalignment of time series anomaly detection research with desirable practical outcomes. A new, principled dataset archive is introduced to mitigate flawed benchmarking, as are novel anomaly detection evaluation metrics, such as an F-score that is better aligned with practical needs. Simple yet effective postprocessing techniques are also designed to refine raw anomaly flags into meaningful alerts. These contributions are unified in a generic, modular and automated anomaly detection framework for time series data emanating from real-world applications. The framework contains an efficient optimisation layer for automating hyperparameter tuning in static or streaming data scenarios.

Supervisor: Prof JH van Vuuren

BREDELL, Francois (Electronic Engineering)

Augmenting the action space with conventions to improve multi-agent cooperation in Hanabi

The card game Hanabi is considered a strong platform for the development of multi-agent reinforcement learning algorithms because of its complex cooperative nature, partial observability and limited communication. When humans tackle these types of problems, they use conventions to reduce uncertainty and cooperate effectively. This study presents artificial conventions that augment an agent's action space to include advanced cooperative actions that span and include multiple time steps and multiple agents. Extensive testing in Hanabi demonstrates that artificial conventions applied to existing algorithms lead to improved agent cooperation and a significant reduction in training time, especially at higher player counts.

Supervisor: Dr JC Schoeman

Co-supervisor: Prof HA Engelbrecht

KEET, Grant Malcolm (Chemical Engineering)

Advanced immobilisation strategies for the biological production of hydrogen, using the phototrophic bacterium *Rhodospseudomonas palustris*

This study explores photofermentative hydrogen production, using *Rhodospseudomonas palustris* as a biocatalyst to address key challenges associated with the application of photosynthetic microorganisms for sustainable energy. A novel polyvinyl alcohol-based hydrogel is developed for cell immobilisation, exhibiting suitable properties and promoting cell viability. Immobilised cells are applied in different photobioreactor configurations to study process behaviour, hydrogen production, illumination strategies and metabolic responses. A technoeconomic analysis highlights current limitations and opportunities for improvement. This work advances our understanding of immobilisation materials, hydrogen production in photobioreactors, and economic feasibility, providing valuable insights to progress photofermentative hydrogen production towards commercial application.

Supervisor: Prof RWM Pott

LACOCK, Stephan (Electronic Engineering)

Planning for electrical paratransit: the feasibility of electrifying internal combustion engine vehicles

This study investigates the technical feasibility of converting minibus taxis in sub-Saharan Africa from internal combustion engines to electric powertrains. Addressing the region's lack of locally relevant electric models, a simulation framework is developed, using GPS data from existing taxis to design and validate an electric retrofit. In a South African first, a minibus is then converted, registered and tested. Following further refinement, a machine learning model is trained to predict energy usage more accurately than conventional approaches. This work demonstrates the viability of electric retrofits in Africa's paratransit sector, proven by further development of a retrofitted 65-seater bus, and provides a robust foundation for future policy, planning and implementation.

Supervisor: Prof MJ Booysen

Co-supervisor: Dr AA du Plessis

MAHOVE, Trust Taziva (Industrial Engineering)

A critical success factors framework for sustainable contract manufacturing companies in the consumer products supply chain in South Africa

Contract manufacturing companies (CMCs) in South Africa frequently experience operational and financial underperformance, leading to business failures and a perception among brand owners that they are unreliable, temporary suppliers rather than strategic partners. This study addresses this challenge by developing a maturity model-based framework that is grounded in critical success factors (CSFs) aimed at enhancing CMC performance, resilience and sustainability. Using a design science research approach, the framework provides a systematic pathway for CMCs to strengthen operational capabilities, financial stability and strategic relationships, thereby improving their long-term viability and positioning as trusted partners in the manufacturing value chain.

Supervisor: Prof S Matope

MAREE, Jean-Marc James (Mechatronic Engineering)

A digital twin architecture for the provisioning, management, and monitoring of heterogeneous Internet of Things devices

The lifecycle management of heterogeneous Internet of Things (IoT) devices is challenging due to the lack of standardisation, resulting in fragmented, siloed systems. Digital twins are widely used to represent the life of complex systems through diverse data sources. Using a combination of the system engineering approach and the case study method, this study explores the use of digital twins to represent heterogeneous IoT devices across the different lifecycle phases. Furthermore, the research proposes a flexible and maintainable architecture to provide the benefits of digital twins to the lifecycle management of diverse IoT devices that address the needs of diverse stakeholders.

Supervisor: Prof AH Basson

Co-supervisor: Prof K Kruger

MOSTERT, Jean-Pierre (Civil Engineering)

Mechanical interlocking of 3D-printed concrete layers

Three-dimensional printed concrete (3DPC) offers a promising pathway towards sustainable, resource-efficient construction, but its use has been impeded by weak interlayer bonding and mechanical anisotropy. This study explores mechanical interlocking filaments as a practical solution to enhance interlayer adhesion, using custom-designed nozzles and finite element optimisation to develop optimised filament geometries. The results demonstrate significant improvements in mechanical strength, durability, and ductility, effectively reducing anisotropy and improving overall performance. These findings establish mechanical interlocking as a scalable and efficient strategy for advancing 3DPC, providing practical design guidance and supporting the development of more sustainable, durable, and high-performance digital construction technologies.

Supervisor: Prof PJ Kruger

Co-supervisor: Prof GPAG van Zijl

MWAMBE, Polline (Industrial Engineering)

Development, microstructure and mechanical characterisation of nickel-based ceramic reinforced metal matrix composites manufactured by laser powder bed fusion

In this study, nickel is reinforced with titanium carbide and titanium carbonitride to create two novel metal matrix composites, using a laser powder bed fusion manufacturing process. The manufacturing process parameters are determined according to a design of experiments and statistical approach. Compared to the original nickel, hardness improves by 106–133%, tensile strength by 112–132%, thermal stability by 3–8%, and wear resistance by 45%. The new materials have the potential to reduce early failure of nickel components without compromising desirable commercial properties. A conceptual manufacturing framework is also developed to guide future development of the materials.

Supervisor: Prof N Sacks

NOACH, Matthew Nigel (Chemical Engineering)

Development of a microbial bioprocess for enzymatic breakdown of *Ecklonia maxima* using isolated microorganisms

This study presents microbial fermentation strategies for producing alginate oligosaccharides from *Ecklonia maxima*, using wild-type alginate lyase-producing microorganisms. Environmental bioprospecting yields wild-type microbial isolates, including, for the first time, a *Rhodotorula sp.* yeast. Alginate lyase secretion is confirmed, and production of alginate oligosaccharides directly from brown seaweed is demonstrated. Fermentation parameters are evaluated for their effect on biomass growth and enzyme activity, and oxygen transfer in saline, viscous alginate-containing growth media is described. The findings contribute to the development of efficient bioprocesses for marine biomass valorisation with direct industrial applications, and opens new avenues for further exploration.

Supervisor: Prof NJ Goosen

Co-supervisors: Profs RWM Pott, E van Rensburg

NSHIMIRIMANA, Robert Bellarmin (Industrial Engineering)

Optimization of digital radiography using multi-objective particle swarm optimization

This study presents an automated radiography system optimiser that uses a multi-objective particle swarm optimisation (MOPSO) algorithm to provide optimal scanning or design parameters for a radiography system. Radiography images are used in non-destructive investigation, but manual optimisation of image quality is time-consuming and prone to errors. To address this, a virtual radiography simulator, using ray tracing and the Beer-Lambert law, is developed with image quality evaluation. A modified MOPSO algorithm is integrated into the simulator. The system optimises parameters such as spectrum tailoring and sample positioning. Experimental results demonstrate its effectiveness in real-world applications, including neutron collimator design and X-ray scanning parameters optimisation.

Supervisor: Prof AP Engelbrecht

Co-supervisor: Prof AP Abraham (*external*)

OYEDEJI, Ayodeji Nathaniel (Industrial Engineering)

Laser powder bed fusion of invar-based metal matrix composites reinforced with ceramic particles: relationships between residual stresses, microstructure, and mechanical properties

This study advances the properties of invar, an iron-nickel alloy, by creating three novel invar metal matrix composites, using titanium carbide, titanium nitride and titanium-carbonitride particles. Laser powder bed fusion manufacturing process parameters are determined according to a design of experiments and statistical approach. The new materials achieve a 62–86% improvement in hardness, 38–73% greater tensile strength and 23–60% improved wear resistance compared to invar. Relationships between microstructure, processing parameters and residual stresses are established and a manufacturing feasibility framework is developed. This new manufacturing approach has the potential to increase the service life of invar components without compromising established thermal properties.

Supervisor: Prof N Sacks

PHASHA, Motshamonyane Jacob (Chemical Engineering)

Conversion of sugarcane A-molasses and lignocellulosic biomass into value-added products: techno-economics and greenhouse gas emissions

This study supports the global shift towards sustainable chemical production by assessing technology and product options for converting sugarcane residues into high-value biochemicals. The technical feasibility, economic viability and environmental benefits of ethyl lactate, muconic acid, ethyl acetate and butyric acid as alternative products are assessed. Butyric acid was the most promising option because of low production costs, increased energy efficiency and substantial reductions in greenhouse gas emissions compared to fossil fuel products. Therefore, the potential of biorefineries to diversify sugarcane bioeconomies, reduce fossil fuel dependence and support global climate goals was demonstrated for the selected products.

Supervisor: Prof JF Görgens

PRETORIUS, Brendan George (Electronic Engineering)

Interdependence of electrical energy supply and mobility in the electrification of the sub-Saharan paratransit system

This study explores the electrification of sub-Saharan Africa's paratransit sector, focusing on minibus taxis as an essential informal transport mode in the region. By introducing the concepts of vehicle-day and fleet-day, a simulation framework is developed to assess the mobility and energy impacts of electrification. Applied to a Stellenbosch case study, the framework reveals that home charging is essential, while depot-only charging proves insufficient. Even under ideal conditions, electrification remains complex. However, a mixed fleet with scheduled routes proves more viable and efficient. This research provides valuable insights to guide policymakers in planning a sustainable and equitable transition to electric minibus taxis.

Supervisor: Prof MJ Booysen
Co-supervisor: Dr JM Strauss

SIKAZWE, Manasseh Kafula (Chemical Engineering)

Financial and environmental benefits from biotechnological developments towards feasible production of biochemicals in a sugarcane biorefinery via direct microbial conversions

The direct microbial conversion of the sugars derived from sugarcane processing residues into valuable bioproducts demands significant capital and time investments in technology development. This study estimates and assesses feasible technical performances for producing 2,3-butanediol, 1,2-propanediol, 3-hydroxypropanoic acid, adipic acid and acrylic acid in an integrated sugarcane biorefinery. Four of these bioproducts demonstrate strong potential for cost-competitive and environmentally sustainable production compared to the fossil fuel-based chemicals they replace, driven by achievable outputs from technology development. Such biotechnology research and development would create attractive investment opportunities to revitalise the stagnating and declining sugarcane industry, offering substantial socioeconomic benefits.

Supervisor: Prof JF Görgens

TIMM, Kim Anne (Civil Engineering)

Integration of 3D concrete printing into conventional construction processes and the circular economy

The widescale adoption of three-dimensional (3D) concrete printing is constrained by its limited integration into conventional construction processes. This study develops a framework to enable this integration, incorporating industry requirements into existing processes. It then builds on this by evaluating the contribution of 3D concrete printing to the circular economy under the principles of reduce, reuse and recycle. A novel, reusable concrete element with a reduced cross-section is subsequently designed, printed and tested according to concrete and masonry standards, demonstrating the potential of 3D concrete printing to advance circular economy objectives in conventional construction projects.

Supervisor: Prof WI de Villiers
Co-supervisor: Prof GPAG van Zijl

Operational scheduling and investigative planning for electric public transport in sub-Saharan Africa

The electrification of sub-Saharan Africa's paratransit sector necessitates a scheduling solution tailored to the region's unique operational constraints. This study develops a novel heuristic algorithm that features a unique backtracking mechanism and a time-edge approach to optimise electric fleet scheduling in various scenarios. The algorithm is capable of handling constraints such as loadshedding, temporal flexibility, mixed fleets and multiple depots, while performing multi-objective optimisation. Comparative analysis against exact and metaheuristic methods confirms the algorithm's superior computational efficiency, especially for large-scale networks. The research demonstrates that with optimised operations, a transition to electric paratransit is viable and beneficial in resource-constrained environments.

Supervisor: Prof MJ Booysen

Co-supervisor: Prof JF Bekker

Faculty of Engineering | Fakulteit Ingenieurswese

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master in Engineering Science in Biomedical Engineering **Magister in Ingenieurswetenskappe in Biomediese Ingenieurswese**

Alberts, Rasmus Stephanus Elardus
James, Tatum Olivia (*cum laude*)
Makaya, Innocent Tavonga

Master of Engineering **Magister in die Ingenieurswetenskappe**

Becker, Yoshua (Civil Engineering) (*cum laude*)
Bergesen, Alexander James (Electronic Engineering) (*cum laude*)
Bester, Karien (Civil Engineering)
Bizimungu, Silas (Engineering Management)
Bolt, Niels (Civil Engineering)
Buys, Stephano (Electronic Engineering)
Campbell, Nicholas Evan (Mechatronic Engineering) (*cum laude*)
Crews, Madison (Electronic Engineering)
De Klerk, Barend Jacobus (Civil Engineering)
De Wet, Lize (Mechatronic Engineering)
De Wet, Matthys Johannes (Industrial Engineering)
Du Toit, Brendan Rudolph (Industrial Engineering) (*cum laude*)
Du Toit, Daniel (Mechatronic Engineering) (*cum laude*)
Du Toit, Fryhoff Albertyn (Industrial Engineering) (*cum laude*)
Farrell, Minette (Electronic Engineering) (*cum laude*)
Greyling, Alexander Christiaan (Mechanical Engineering) (*cum laude*)
Groenewald, Janneke (Civil Engineering) (*cum laude*)
Heynes, Laurencia Claudia (Industrial Engineering) (*cum laude*)
Iileka, Silas (Engineering Management) (*cum laude*)
Indongo, Hendrina Ndahambelela (Electrical Engineering)
Ingle, Andrew Richard (Mechatronic Engineering) (*cum laude*)
Jansen van Vuuren, Ané (Industrial Engineering) (*cum laude*)
Jordaan, Waldo (Electronic Engineering) (*cum laude*)
Kawana, Isaya (Industrial Engineering) (*cum laude*)
Kimmle, Johannes (Engineering Management)
Kirkman, Abbey Lea (Mechatronic Engineering) (*cum laude*)
Knoetzen, Rohan (Civil Engineering)
Landsberg, Wehann (Industrial Engineering) (*cum laude*)
Legg, Tristan Josef (Electronic Engineering)
Lekholoane, Rorisang Raymond (Mechatronic Engineering)

Lubbe, Enrico (Mechatronic Engineering) (*cum laude*)
Mokoena, Thabang Eric (Engineering Management) (*cum laude*)
Moolman, Willem Adriaan (Engineering Management) (*cum laude*)
Mouton, Corine (Chemical Engineering) (*cum laude*)
Moyo, Clive Tinashe (Chemical Engineering)
Nel, Guillaume Pieter (Civil Engineering)
Ntjathi, Christoph (Electrical Engineering)
Phillips, Anique Kim (Mechatronic Engineering) (*cum laude*)
Saman, Kaylen (Civil Engineering)
Schillack, Erwin Andreas (Electronic Engineering) (*cum laude*)
Sepako, Motheo (Industrial Engineering) (*cum laude*)
Schnaar-Campbell, Jean Marco (Mechanical Engineering)
Snyman, Tiaan (Electrical Engineering) (*cum laude*)
Sonday, Muzakkir (Engineering Management)
Steyn, Kari (Civil Engineering) (*cum laude*)
Van der Bank, Divan Kes (Electrical Engineering) (*cum laude*)
Van Heerden, Kara Annelize (Civil Engineering) (*cum laude*)
Visser, Jemma Ann (Industrial Engineering)
Vivier, Tiaan (Electrical Engineering) (*cum laude*)
Wafula, Jacob Nyongesa (Industrial Engineering)
Waugh, Keagan (Civil Engineering)
Wu, Zhengqiu (Electronic Engineering) (*cum laude*)

Postgraduate Diploma in Engineering **Nagraadse Diploma in die Ingenieurswese**

Baloyi, Nkhensani
Bennett, Emily Megan
De Gouveia, Daniel Patrick (*cum laude*)
Hendricks, Aashiq
Kwinda, Shonisani
Lebetla, Mohato
Mabhoko, Mbulelo
Macholo, Audrey Limakatso
Madiba, Tshiamo
Maime, Penane
Major, Mbako
Manwatha, Shumani
Mashile, Keditautsakhutjo
Mercuur, Bradley (*cum laude*)
Monaheng, Liepollo
Monareng, Matsipe Matome
Mostert, Lize (*cum laude*)
Mthombeni, Xihlamariso Tryphina (*cum laude*)
Mukadi, Emmanuel
Naude, Chimone (*cum laude*)
Nell, John Hay

Pikoli, Fezile
 Rousseau, Booye Gerrit (*cum laude*)
 Sigenu, Fundiswa
 Sinthumule, Mukonazwothe Tshilidzi
 Sukazi, Swelihle
 Tsolele, Tsepang Victor
 Van der Merwe, Hanno (*cum laude*)
 Vermaak, Sarel Jaco
 Wa Baya, Musuamba Teresa (*cum laude*)
 Wiid, Anerosa (*cum laude*)
 Xala, Bongeka Mpilwenhle Glory

Bachelor of Engineering
Baccalaureus in die Ingenieurswese

Abrahamson, Camryn Ylonde (Mechatronics) (*cum laude*)
 Abrahams, Thomas Michael (Electrical and Electronic)
 Adams, Heath (Mechatronics)
 Ahrens, Werner Karl Friedrich (Industrial)
 Allen, Maria Hannah (Chemical)
 Allen, Ryan Peter (Mechatronics)
 Arjun, Kesharv (Electrical and Electronic)
 Attwood, Michael Anthony (Mechatronics)
 Augustyn, Albertus Bernardus (Mechanical)
 Baburoglu, Ela (Industrial)
 Bailey, Reuben (Civil)
 Baitz, Zak Dale (Mechatronics)
 Baloyi, Tinyiko (Electrical and Electronic)
 Barnard, Adrian Joseph (Mechatronics)
 Barnard, Magdel (Civil)
 Barnes-Webb, Matthew John (Mechatronics)
 Barry, Griffin Hilton (Mechatronics)
 Bastiaanse, Ruan (Civil)
 Bauman, Christiaan Philippus (Mechatronics)
 Beckert, Finn (Mechanical)
 Bergh, Torben (Mechatronics) (*cum laude*)
 Beveridge, Andrew Jamie (Mechatronics)
 Bird, Reece Ashley (Electrical and Electronic)
 Bisika, Sheila Christina (Civil)
 Bissessur, Satheesh (Mechatronics)
 Blaauw, Wikus (Industrial)
 Blatch, Elke (Industrial)
 Blevin, Julie Anne (Chemical)
 Blouws, Muhammad Zaakir (Civil)
 Boonzaier, Jemma Francis (Chemical)
 Booyens, Justin Laveshan Jason (Mechanical)
 Boshoff, Stephanus Hendrik Petrus (Civil)
 Botes, Christiaan (Electrical and Electronic) (*cum laude*)
 Botes, Stefan Petrus (Mechatronics) (*cum laude*)
 Botha, Estiaan Marius (Electrical and Electronic)
 Boyes, David Ronald (Mechanical)
 Breedts, Elsje (Chemical)
 Briedenhann, Corne (Civil)
 Brits, Gysbert (Civil)
 Bruwer, Gerrit-Willem (Electrical and Electronic)
 Bude, Nollen (Civil)
 Buthelezi, Imani Nokulunga (Mechanical)
 Butler, Nicole Julia (Electrical and Electronic)
 Calver, James Anthony (Industrial)
 Capazorio, Danica (Chemical)
 Carelse, Taegan Danielle (Mechanical)

Carstens, Phillip Barend (Mechanical)
 Cassiem, Mahmood (Civil)
 Celliers, Anne-Marie (Mechatronics)
 Cheyne, Oliver (Mechanical)
 Chinyowa, Christine (Civil) (*cum laude*)
 Chuma, Manda Amor (Electrical and Electronic)
 Chu, Wen Jun (Chemical)
 Claassen, Isias Ignatius (Electrical and Electronic)
 Clarke, Alexander (Mechanical)
 Clarke, James (Mechanical) (*cum laude*)
 Cloete, Alfeus Johannes (Mechanical)
 Cloete, David (Mechanical)
 Cloete, Michael Jurgens (Civil)
 Coetser, Lauren (Industrial)
 Cokayne, John Rothwell Hugh (Electrical and Electronic) (*cum laude*)
 Conradie, Daniël Joubert (Civil)
 Conradie, George (Civil)
 Conway, Steven James (Mechanical)
 Cordner, Chelsea Lynne (Mechanical)
 Cornelius, Amy Lee (Chemical)
 Crnkovic, Kevin Thomas (Mechanical)
 Crous, Ruben (Civil)
 Cunningham, Ryan Andrew (Industrial)
 Curlewis, Ashley Lauren (Chemical)
 Dacre, Joshua (Industrial) (*cum laude*)
 Davids, Yusra (Mechanical)
 De Klerk, Abigail Elailah (Electrical and Electronic)
 De Klerk, Joshua Edwin (Industrial)
 De Klerk, Tariq Keean (Mechatronics)
 De Kock, George (Industrial)
 De Kock, Jacobus Vosloo (Industrial)
 De Rose, Luke Jules (Civil)
 De Villiers, Guillaume (Chemical)
 De Villiers, Hannes Tredoux (Mechanical)
 De Villiers, Simon (Electrical and Electronic)
 De Waal, Lana (Mechanical) (*cum laude*)
 De Waal, Tiaan Arend (Industrial)
 Decinti, Mia (Industrial) (*cum laude*)
 Degger, Matthew Newton (Electrical and Electronic)
 Delport, Pierre Carl (Civil)
 Devine, James Calvin (Electrical and Electronic)
 Devine, Keegan (Industrial)
 Deyzel, Zirk (Mechatronics)
 Diekmann, Clemens Foster (Industrial)
 Diener, Antje Uta (Electrical and Electronic)
 Dingemans, Gabriella (Mechatronics)
 Dixon, Milan (Industrial)
 Dreckmeyr, Imar (Mechatronics)
 Dreyer, Alexander Charles (Mechatronics)
 Du Plessis, Anrich (Electrical and Electronic)
 Du Plessis, Carla (Industrial)
 Du Plessis, Shaden (Mechanical)
 Du Preez, Durandt Juan (Mechanical)
 Du Preez, Hanré (Mechatronics)
 Du Preez, Matthys Michiel (Chemical)
 Du Preez, Wian (Industrial)
 Du Toit, Adriaan Theuns (Mechatronics)
 Duffin, Kelly Amber (Civil) (*cum laude*)
 Dyomfana, Siyanda (Chemical)
 Echun, Gen Robert Adonia (Electrical and Electronic) (*cum laude*)

Economakis, Ghita Cristina (Industrial)
 Eloff, Mariet (Industrial)
 Els, Nina (Chemical)
 Engelbrecht, Almé (Chemical)
 Esterhuizen, Lee (Industrial)
 Esterhuyse, Cleoni (Industrial)
 Fick, Kelaine Hanneke (Electrical and Electronic)
 Fick, Niël Adriaan (Mechatronics) Fick, Niël
 Adriaan Fieggen, Milena Angelica Francesca (Chemical)
 Fletcher, James (Civil) (*cum laude*)
 Flynn, Andrew (Mechatronics) (*cum laude*)
 Ford, Joshua Jeremy (Mechatronics)
 Forsyth, Gary Daniel (Industrial)
 Fortuin, Matthew Lee (Civil)
 Fourie, Ernst (Mechanical)
 Fourie, Juryna (Industrial)
 Fourie, Sibella Sarah (Mechanical)
 Fowler, Thomas (Mechatronics)
 Franck, Zoe (Chemical) (*cum laude*)
 Freestone, Jason Trevor (Industrial)
 Garde, Cameron (Mechanical) (*cum laude*)
 Georgala, John Malvern (Civil)
 Gersbach, Aletta Helena (Industrial)
 Geyser, Minya (Industrial)
 Goncalves, Racquel Lynette (Industrial)
 Goqwana, Odwa (Electrical and Electronic)
 Gordge, William (Electrical and Electronic)
 Gouws, Cara (Mechatronics)
 Greeff, Daniel (Mechanical)
 Green, Joshua Colin (Mechanical)
 Greyling, Carla (Industrial)
 Grobbelaar, Christoffel Jacobus (Mechanical)
 Groenewald, Tiaan Ernst (Mechatronics)
 Groenewald, Tian (Mechatronics) (*cum laude*)
 Gutter, Antony Peter (Electrical and Electronic)
 Halford, Jordon Mario (Mechanical)
 Hall, Thomas Haffenden (Mechanical)
 Ham, Mia (Mechatronics) (*cum laude*)
 Hanstein, Lara (Mechatronics)
 Harvey, Thomas (Civil)
 Hattingh, Gerhard Arnold (Electrical and Electronic)
 Herandien, Emmanuel (Mechanical)
 Heuer, Anouk Therese (Industrial)
 Heunis, Kerry-n-Lee (Chemical)
 Hill, Thomas Bruce (Industrial)
 Hoogenhout, Johann Imker (Chemical)
 Hough, Ricardo Michael (Electrical and Electronic)
 Hugo, Jan Hendrik (Mechatronics)
 Human, Joshua (Mechatronics)
 Husselmann, Luan (Industrial)
 Jacobs, Elton John (Civil)
 Jacobs, Hendre Pierre (Mechatronics) (*cum laude*)
 Jacobs, Muhammad Ayub (Mechatronics)
 Jaffee, Aaron (Mechanical)
 Janse van Rensburg, Annika (Mechatronics)
 Janse van Rensburg, Marlé (Civil)
 Janse van Rensburg, Vian (Electrical and Electronic)
 Jansen van Vuuren, Nadia (Electrical and Electronic)
 Jantjies, Wesley (Civil)
 Jass, Gurshwin Matthew (Civil)
 Jattiem, Moegamad Naadir (Mechanical)
 Jonas, Oliver (Electrical and Electronic) (*cum laude*)
 Jordaan, Wikus (Civil)
 Jossie, Amber Erin (Civil)
 Joubert, Emile (Mechanical)
 Joubert, Jay-Deane (Industrial)
 Joynt, Daniel Francis (Civil) (*cum laude*)
 Katsumbe, Mwenya Tafadzwa Muzati (Mechatronics)
 Katzke, Joubert (Mechatronic Engineering)
 Kearney, Hendrik Albertus (Chemical)
 Kedian, Tayla Leigh (Mechatronics)
 Kingwill, Sara Angela (Mechatronics)
 Kirby, Thomas Michael (Mechatronics)
 Kirsten, Luca Simon (Electrical and Electronic)
 Klaas, Thandolwethu (Civil)
 Koegelenberg, Elrie (Mechatronics)
 Koekemoer, Mari (Industrial)
 Kriel, Anna Christina (Industrial)
 Kriel, David Denzil (Industrial)
 Kriel, Steven Charles (Civil)
 Kruger, Brian-Louw (Mechatronics)
 Kruger, Kayla (Industrial) (*cum laude*)
 Krynauw, Wian (Electrical and Electronic) (*cum laude*)
 Labuschagne, Martin Philip (Mechatronics)
 Lamarque, Sebastien Matthew Lai (Mechatronics)
 Langley, Michael William (Mechanical)
 Lategan, Done (Electrical and Electronic)
 Laubscher, David Ward (Mechatronics)
 Le Roux, Isabella (Chemical)
 Le Roux, Johannes Zacharias (Electrical and Electronic)
 Le Roux, Johannes (Civil)
 Le Roux, Sebiene (Industrial)
 Leong-Yu, Amber Joy (Mechanical)
 Littleton, Hannah Grae (Civil)
 Lochner, Nadia Christina (Mechatronics)
 Logan, Megan (Mechanical)
 Loggenberg, Jarred Justin (Mechatronics)
 Long, Sindy (Industrial)
 Lotter, Linda (Industrial)
 Louw, Elizabeth Maria (Mechanical)
 Louw, Martin (Chemical) (*cum laude*)
 Louw, Rudolf (Electrical and Electronic)
 Love, Jacob Gregory (Electrical and Electronic)
 Lovric, Mikhail Jacques (Mechanical)
 Ludik, Jacques Hendrik Olivier (Electrical and Electronic)
 Mabasha, Tshilidzi Bruno (Civil)
 Maberly, Andrew Richard (Mechatronics) (*cum laude*)
 Macdonald, Christopher (Electrical and Electronic)
 Mackenzie, James Gregor (Civil)
 MacRobert, James (Mechatronics)
 Magubane, Samkelo Innocent (Mechatronics)
 Mahlati, Tando (Electrical and Electronic)
 Maisa, Khosi Joseph (Mechatronics)
 Makhadi, Masindi Precious (Industrial)
 Makoala, Ntseliseng Veronica (Electrical and Electronic)
 Makusha, Panashe Victor (Electrical and Electronic)
 Malan, Greta Johanneke (Industrial)
 Malloch, Douglas (Mechanical)
 Manyeza, Nyashadashe Brighton (Chemical)
 Maphutha, Kabelo (Mechanical)
 Marais, Gerhard Frans (Mechatronics)
 Marais, Maria Elizabeth (Industrial)
 Marais, Philippus Arnoldus Christiaan (Civil)
 Maree, Susan (Industrial)

Marekwa, Claude Thato (Electrical and Electronic)
 Martin, Jeanine (Mechatronics)
 Martin, Riley (Electrical and Electronic)
 Martins, Miguel Silvano Alfred (Civil)
 Matendere, Takudzwa (Electrical and Electronic)
 Matthee, Chris-Marie (Industrial)
 May, Michael Damian (Industrial)
 Maynard, Michael John (Mechatronics)
 McLeod, Franco (Mechanical)
 McNab, Emma Maria (Industrial) (*cum laude*)
 Mcrae, Ryan Duncan (Electrical and Electronic)
 Meldrum, Liam (Mechatronics)
 Mentor, Tracy-Lee (Electrical and Electronic)
 Mentz, Andreas Hercules (Mechatronics)
 Meyer, Jacques (Mechatronics)
 Michell, James Lewis (Electrical and Electronic)
 Millar, Dylan Scott (Mechatronics)
 Miller, Ross Ashley (Electrical and Electronic)
 Mkize, Qhayiya (Electrical and Electronic)
 Momberg, Marguerite Anna (Industrial)
 Morley, William Kevin (Electrical and Electronic)
 Moses, Jehiel (Civil)
 Moshoeshoe, Thesele Johannes (Electrical and Electronic)
 Mostert, Jan-Albert (Mechatronics)
 Mostert, Odin (Electrical and Electronic) (*cum laude*)
 Mostert, Willem Johannes Petrus (Electrical and Electronic)
 Mouton, Ian (Electrical and Electronic)
 Mtombeni, George Makena (Electrical and Electronic)
 Mullah, Mateen (Electrical and Electronic)
 Muller, Michael Peter (Electrical and Electronic)
 Muller, Taylor-Jade (Chemical)
 Mupunga, Mazvita (Civil)
 Muravha, Ronewa (Civil)
 Murray-Smith, Michael Thomas (Electrical and Electronic)
 Muruba, Phindulo (Chemical)
 Mutabazi, Dgibrilly Manirakiza (Electrical and Electronic)
 Mwahave, Ryan Kudakwashe (Chemical)
 Mzolo, Nqobile (Electrical and Electronic)
 Naidoo, Kerissa (Chemical)
 Naude, Joel Louvain (Civil)
 Neethling, Johannes Roselt (Mechanical)
 Nel, Antuan (Mechatronics)
 Nel, Lanah Carla (Industrial)
 Nelson, Daniel (Mechanical)
 Nelson, Marc (Industrial)
 Nicholas, Cole (Mechanical)
 Nicholls, Shelby (Industrial Engineering)
 Nieuwoudt, André (Mechatronics)
 Nieuwoudt, Dieter (Electrical and Electronic)
 Nieuwoudt, Gerhard (Industrial)
 Niland, Ryan (Mechatronics) (*cum laude*)
 Nimb, Matthew Charles (Mechanical)
 Nkwanyana, Nduduzo Lungelo (Chemical)
 Noland, Samuel Joel (Mechatronics)
 Norton, Samuel (Mechatronics) (*cum laude*)
 Nothnagel, Johann Christian (Mechatronics)
 Nukeri, Oday (Chemical)
 Oberholster, Luke (Mechatronics)
 Okkers, Tamlyn (Electrical and Electronic)
 Olivier, Hannelize (Civil)
 Olivier, Maria Magdalena (Mechanical)
 Oosthuizen, Albert Johannes (Mechanical)
 Oosthuizen, Bianca (Industrial)
 Oosthuizen, Martin Stefan (Electrical and Electronic)
 Opperman, Aldrich (Electrical and Electronic)
 Orffer, Armand Ryno (Electrical and Electronic)
 Osborne, Glasson William (Electrical and Electronic) (*cum laude*)
 Palmer, Brett David (Industrial)
 Pascoe, Stacey Nicola (Industrial)
 Pask, Ayrton Matthew (Electrical and Electronic)
 Paulsen, Ethan Deon (Civil)
 Pearse, William Terence (Civil)
 Perfett, Tristan Ryan (Electrical and Electronic)
 Poliah, Matthew Anthony (Mechatronics)
 Pool, Erin Jade (Chemical)
 Potgieter, Gerhardus Coenraad (Electrical and Electronic) (*cum laude*)
 Potgieter, Hermanus Lambertus (Civil)
 Pretorius, Annika (Mechatronics)
 Pretorius, Nicholas Jakobus (Electrical and Electronic)
 Pretorius, Willian (Civil)
 Prins, Karl Maarten (Mechanical)
 Prins, Luca (Industrial)
 Putter, Christiaan Heystek (Mechatronics)
 Rabe, Shané (Mechatronics)
 Ramgutti, Daanshil (Electrical and Electronic)
 Rammutla, Reabetswe Neo (Chemical)
 Ras, Herman (Electrical and Electronic)
 Rattue, Viva (Electrical and Electronic)
 Raubenheimer, Duvar (Mechanical) (*cum laude*)
 Rauch, Dylan Ricardo (Mechanical)
 Rikhotso, Shitshembiso (Electrical and Electronic)
 Ringelmann, Jens (Mechatronics) (*cum laude*)
 Robdera, Fenitra Rovaaina (Mechatronics)
 Robertson, Benjamin Zeal (Industrial Engineering) (*cum laude*)
 Roelofse, Daniel Petrus (Chemical)
 Roets, Yuan Philip (Mechatronics) (*cum laude*)
 Romero, Anjelica Elizabeth Madison (Industrial)
 Roux, Francois (Mechanical)
 Rufai, Malven Kudzai (Electrical and Electronic)
 Rule, Jonathan Kenneth (Electrical and Electronic)
 Rusch, Sarah (Mechatronics)
 Sanchez, Sebastian (Electrical and Electronic)
 Salamu, Shaun (Mechanical)
 Salasa, Azraa (Industrial Engineering)
 Salie, Zulfik (Electrical and Electronic)
 Schnabel, Johann Emil (Mechatronics) (*cum laude*)
 Schraader, Ruan (Mechatronics)
 Schubert, Carl (Industrial)
 Seele, Michaela Jane (Industrial)
 Selepe, Glen Khunamang (Civil)
 Seshabela, Lesego (Civil)
 Setshedi, Precious Relebogile (Electrical and Electronic)
 Shaw, Ryan James (Mechanical)
 Shepherd, Kaitlyn Taylor (Mechanical)
 Shumane, Siyabonga (Chemical)
 Sirofu, Avela (Civil)
 Smart, Adam (Electrical and Electronic)
 Smit, Cj (Mechatronics)
 Smit, Josua (Electrical and Electronic)

Smith, Corben (Electrical and Electronic)
 Smith, Jamie (Electrical and Electronic)
 Smith, Kirstyn Colwynne Bernadette (Mechatronics)
 Smith, Robyn Erika (Chemical) (*cum laude*)
 Smith, Samuel Zach (Industrial)
 Snygans, Justin (Industrial)
 Sonnerer, Sabrina Renate (Mechanical)
 Soulsby, Connor Loudon (Mechanical)
 Spencer-Young, Megan (Mechatronics)
 Stadler, Gerrida (Mechatronics)
 Steele, Garrick Shane (Industrial)
 Steele, Shannah Lyn (Chemical) (*cum laude*)
 Storm, Hans Jurie (Civil)
 Strasheim, Butch (Industrial)
 Strathern, Kayla Jess (Chemical)
 Strydom, Joshua Johan (Mechatronics)
 Strydom, Olivia (Chemical)
 Stuart, Aidan Charles (Industrial)
 Swanepoel, Daneel Marthinus (Civil)
 Swan, Michaela Anja (Industrial) (*cum laude*)
 Swemmer, Ruzel (Industrial)
 Taft, Aidan (Electrical and Electronic)
 Taylor, Andrea Nirvana (Chemical)
 Taylor, Samuel Gary (Mechanical)
 Terblanche, Juan Christiaan (Mechatronic Engineering)
 Theron, Jordan Liam (Electrical and Electronic)
 Thompson, Mark Andrew (Chemical)
 Thorpe, Alex Hilton (Mechatronics)
 Tonkin, Adam Ross (Industrial)
 Tonkin, Matthew John (Mechanical)
 Tostee, Julia Cristina (Chemical)
 Turner, Anthony (Mechatronics)
 Uys, Jan Cornelius (Electrical and Electronic)
 van Alphen, Yanik (Electrical and Electronic)
 Van de Venter, ZoieOIE (Industrial)
 Van den Berg, Abraham Daniel (Mechatronics) (*cum laude*)
 Van der Merwe, Christine (Industrial)
 Van Der Poll, Jarrod Jon (Mechatronics)
 Van der Walt, Gustav (Electrical and Electronic) (*cum laude*)
 Van der Walt, Micaela (Industrial) (*cum laude*)
 Van der Westhuizen, Mia (Chemical)
 Van Dyk, Albertus Naude (Civil)
 Van Dyk, Meyer (Industrial)
 Van Lill, Nicolaas Jacobus (Electrical and Electronic)

Van Niekerk, Johannes Coetzee (Electrical and Electronic)
 Van Rooi, Nikita Yashka (Mechatronics)
 Van Rooyen, Jamie (Industrial)
 Van Schalkwyk, Liam Christopher (Chemical)
 Van Schoor, Marthinus Enslin (Electrical and Electronic)
 Van Wezemael, Simon (Mechanical)
 Van Wyk, Gean Nieuwoudt (Mechanical)
 Van Wyk, Nina (Chemical)
 Van Wyk, Reghard (Industrial)
 Van Wyk, Wian Kuhn (Electrical and Electronic)
 Van Zyl, Dean (Mechatronics)
 Van Zyl, Johann Christian (Mechatronics)
 Van Zyl, Nina (Mechanical)
 Venter, Sebastian (Electrical and Electronic) (*cum laude*)
 Vermeulen, Dian (Electrical and Electronic)
 Vermeulen, Michiel Josias (Electrical and Electronic)
 Versfeld, Matthew Jurgen (Mechanical)
 Viljoen, Christie Lara (Chemical) (*cum laude*)
 Viljoen, Pieter Johannes (Industrial)
 Vine-Morris, William Anthony (Mechatronics)
 Visagie, James (Industrial)
 Visagie, Richard (Mechatronics)
 Voigt, Karl (Electrical and Electronic) (*cum laude*)
 Wahl, Johann Maritz (Mechanical)
 Walaza, Phila Dzikama Dzikai (Mechatronics)
 Walker, Liam (Electrical and Electronic)
 Walker, Matthew Lawrence (Mechanical)
 Walters, Dawid Botha (Mechatronics)
 Walters, Tiaano (Electrical and Electronic)
 Wang, Xiaoyu (Civil)
 Wannenbourg, Ansa (Industrial)
 Watton, Mishka (Civil)
 Weber, Graeme Richard (Civil)
 Webster, Naomi Christine (Chemical)
 Wepener, Aloise (Civil) (*cum laude*)
 Wessels, Matthys Johannes (Mechatronics)
 Williams, Andrew Scott (Electrical and Electronic) (*cum laude*)
 Williams, Jordan Jacques (Industrial)
 Yao, Wen Hao (Civil)
 Young, Christiaan (Civil)
 Young, Lauren Nicole (Mechanical)
 Zikmann, Louis Vernon (Civil)
 Zulch, Arnoldus Christiaan (Mechatronics)
 Zwane, Thandolwethu (Mechatronics)

forward together
sonke siya phambili
saam vorentoe

Faculty of Education

8 December 2025 | 17:00

Fakulteit Opvoedkunde

8 Desember 2025 | 17:00



Programme

<i>Please stand</i>	1. Entrance of academic procession into the hall.
<i>Please stand</i>	2. Playing of the National Anthem.
<i>Please sit</i>	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.
<i>Please stand</i>	7. The academic procession leaves the stage.

Program

<i>Staan asseblief</i>	1. Akademiese prosesie kom die saal binne.
<i>Staan asseblief</i>	2. Speel van die Nasionale Lied.
<i>Sit asseblief</i>	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.
<i>Staan asseblief</i>	7. Akademiese prosesie verlaat die verhoog.

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

CHIWAYA, Stanley (Educational Psychology)

Experiences of teachers and parents in implementing inclusive education in Malawian primary schools

This participatory action research study explores inclusive education in Malawian primary schools, identifying key barriers to learning such as deficit-based perceptions of disability, resource limitations, and systemic challenges. Based on Ubuntu philosophy and Cultural-Historical Activity Theory, the study involves educators and parents as co-researchers in collaborative inquiry to examine exclusionary practices and co-create contextually relevant solutions. Through iterative cycles of action and reflection, participants create socio-culturally responsive strategies that challenge deficit thinking and reimagine inclusive pedagogies. The research promotes sustainable educational change by prioritising local knowledge, amplifying marginalised voices, and providing evidence-based recommendations for policy and practice across sub-Saharan Africa and similar resource-constrained settings.

Supervisor: Dr LN Damons

Co-supervisor: Prof LM Dreyer

DAVIDS, Lauren Olivia (Education Policy Studies)

From aspiration to attainment: exploring the university access pathways of first-generation graduates from a West Coast town

This study examines how five first-generation graduates from a West Coast town navigated structural inequalities and limited access to university. Using a multimodal ethnographic approach, it shows how their adaptive, mobile and resilient practices transformed constraining environments into spaces of aspiration, belonging and educational achievement.

Supervisor: Prof A Fataar

NKOYA, Shadreck (Curriculum Studies)

Translating revised secondary school Physical Science curriculum into classroom practice: a Zambian case

In 2013, Zambia's Ministry of Education introduced an outcomes-based curriculum. This study investigates how curriculum innovations are articulated in official documents and how Physical Science teachers interpret and implement them in practice. Guided by an interpretive single case study design, the research examines the alignment between policy and classroom realities, drawing on Fullan's (2007) education change theory and Rogan and Grayson's (2003) curriculum implementation framework. Findings highlight key challenges, particularly limited teacher orientation, which leads to discrepancies between intended and actual practices. To bridge this gap, the 'Kuitusatusa' model is proposed, emphasising teachers' central role and the necessity of capacity-building for successful curriculum implementation.

Supervisor: Dr ML Botha

NUGA DELIWE, Carol Oluyemi (Education Policy Studies)

An analysis of public accountability policies and practices in South Africa's schooling system from 1994 to 2018

The study makes three original contributions. Theoretically, it develops diagnostic assessment reliability as a proxy for internal school accountability. Methodologically, it introduces novel ways to measure accountability pressure exerted on education officials. Practically, it offers policy recommendations to support the diagnostic use of assessments in improving foundational numeracy, literacy and learning.

Supervisor: Prof N Davids

Co-supervisor: Prof S van der Berg

PETERSEN, Joy (Education Policy Studies)

Exploring students' 'epistemic becoming' in a residence-based education support programme during the Covid-19 pandemic at Stellenbosch University

This article-based study explores how Stellenbosch University's Residential Education and Support Programme (RESP) cultivated students' epistemic becoming during Covid-19. Using a qualitative case study, it shows how care, dialogue and humanising pedagogies cultivated humility, curiosity and critical engagement, which enabled inclusive, relational and transformative learning in residence-based educational communities.

Supervisor: Prof A Fataar

Faculty of Education | Fakulteit Opvoedkunde

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Philosophy

Magister in die Wysbegeerte

Adams, Lee-Ann Ina (Lifelong Learning)
Fredericks, Megan (Higher Education)
Kaapama, Uanee Rosaline (Education and Training for Lifelong Learning)
Rambharose, Rekha (Higher Education Studies) (*cum laude*)

Master of Education

Magister in die Opvoedkunde

Bosch, Leigh-Anne (Educational Psychology)
Buis, Dyan Neille (Education Policy Studies)
Cross, Samira Ruth (Education Policy Studies) (*cum laude*)
Croucamp, Catharina Susanna Eraine (Curriculum Studies)
Du Toit, Chantel (Educational Psychology) (*cum laude*)
Jacobs, Anthia Kaylee (Curriculum Studies)
Louw, Ilse (Educational Support)
Morgan, Luciel Venesa (Curriculum Studies)
Ndakola, Teofilus Nestor (Curriculum Studies)
Nkumane, Nompumelelo Fortunate (Educational Psychology)
Ockhuis, Gaylynne Dorothy (Educational Psychology)
Petersen, Keanan (Education Policy Studies)
Scheepers, Margaux (Educational Psychology)
Van Zyl, Rikus Frederik Jacobus (Educational Psychology)

Bachelor of Education Honours (Education Development and Democracy)

Honneurs-Baccalaureus in die Opvoedkunde (Onderwysontwikkeling en Demokrasie)

Banoo, Rafeeqa Haneefa
Bester, Tarien
Bruintjies, Dania Nadine
Copiso, Luxolo
Davidse, Kelly
Davids, George
Dorkin, Tatum
Frans, Marvin Steven Ashley
Godongwana, Nwabisa
Hendricks, Miskah
Hofmeester, Cameron Cornel
Izaaks, Jumilda Juandra
Jacobs, Kevin
Jefthas, Lindsay Christian
Johnson, Ronaldino
Kotze, Nikita Chan-Lee
Langeveldt, Shanon Gomotso
Le Roux, Jacobus Johannes Pieter (*cum laude*)

Loff, Gretchen
Mabutha, Taswell Therlo
Makhosana, Merly Phila
Makhundu, Bongisiwe
Manuel, Rene
Matinka, Hakeemah Malaykah
Ntsukumbini, Athenkosi
Papier, Kaylin
Parring, Tamahrah Meagan (*cum laude*)
Ranger, Kimberly Jane
Ranger, Nadine
Shokane, Neo Gift
Soman, Sadia Temia
Strauss, Kim Stacey
Tai Tai, Siyamthanda
Van Heerden, Theunis Johannes

Bachelor of Education Honours (Educational Support) Honneurs-Baccalaureus in die Opvoedkunde (Opvoedkundige Ondersteuning)

Arendse, Abigail
Cloete, Carmia (*cum laude*)
Coetzee, Alex (*cum laude*)
Davis, Casey (*cum laude*)
Du Plessis, Jessica (*cum laude*)
Francis, Kay-Leigh Veronique (*cum laude*)
Gerber, Michelle (*cum laude*)
Goncalves, Cornelia (*cum laude*)
Kucharski, Lauren (*cum laude*)
Malherbe, Wilrize-Mari (*cum laude*)
Mercer, Francesca Elizabeth Oonagh
Phathela, Luvo
Ramotshela, Katlego Johnny
Saayman, Lorne Indiera
Safodien, Mogamat Yasin
Schell, Chandre Marie
Silinda, Queen
Smith, Sarah Frances (*cum laude*)
Stofberg, Dayna
Van der Merwe, Ane
Visagie, Courtney Logan (*cum laude*)
Zhang, Chun Fan Su

Bachelor of Education Honours (Foundation Phase Teaching)

Honneurs-Baccalaureus in die Opvoedkunde (Grondslagfase-onderrig)

Frinke, Tyler Johnson (*cum laude*)
Hackett, Jessica-Lee (*cum laude*)
Lucas, Celine Michelle (*cum laude*)
Slabber, Maria Elizabeth (*cum laude*)
Zamundu, Aretha (*cum laude*)

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

Abrahams, Souad (*cum laude*)
 Bennett, Zoe-Grace (*cum laude*)
 Beukes, Reece
 Boshoff, Nerine (*cum laude*)
 Buys, Naomi (*cum laude*)
 Chetty, Michaela (*cum laude*)
 Crouse, Kimberley Margaret
 Damane, Siyakudumisa Theron
 Davhana, Dakalo (*cum laude*)
 Davids, Jamie
 Dhlamini, Precious
 Engle, Enrique Russell
 Erasmus, Emily
 February, Gabrielle
 Gerber, Amè
 Goolam, Sabeedah
 Gqiba, Simamkele Zivumile
 Hames, Nikita Aaliyah
 Jagwanth, Nerisha
 Jobela, Nokhanyo
 Jola, Sibongisipho (*cum laude*)
 Katuwa, Sinethemba
 Kekhaya, Nonkoliseko
 Keli, Mkhonzeni
 Koen, Kim Tarryn
 Leith, Hester Louise
 Louw, Brent Gerald (*cum laude*)
 Majola, Mpumelelo
 Makgahlala, Sekele Keitumetse (*cum laude*)
 Malwandla, Tlangelai
 Masiko, Asemahle
 Mfeketo, Nkosinathi (*cum laude*)
 Moodley, Prinola
 Msibi, Lungelo
 Ndoda, Nomzamo
 Nokwayi, Sikhona (*cum laude*)
 Olivier, Lize Corrian
 Petersen, Tamryn Caroline
 Prins, Chevon (*cum laude*)
 Qutsu, Aviwe
 Sheik, Raihaanah (*cum laude*)
 Smit, Janette Mari (*cum laude*)
 Smit, Mieke (*cum laude*)
 Stroh, Cameron
 Terhart, Nikita Emily
 Totshana, Nosiphiwe
 Visser, Jandry Jaco
 Voyi, Lubabalo
 Waka, Sikelelwa
 White, Nicole
 Wilton, Amber
 Woni, Nompiliso
 Yalo, Faith Sindisiwe

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

Bagley, Chadwin Anthony (*cum laude*)
 Booys, Lynn (*cum laude*)
 Mpungose, Ayanda Bongeka (*cum laude*)
 Visser, Monique

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

Abeln, Hannah (*cum laude*)
 Abrahams, Azraa (*cum laude*)
 Ackermann, Talitha
 Ackhurst, Kyla (*cum laude*)
 Adams, Chanté Angelique (*cum laude*)
 Adams, Tyron
 Adonis, Roschen Eulen
 Alexander, Taryn Caylin
 Arendse, Kirstin Zoe
 Ashbury, Jaydah
 Ashford, Katelynn
 Attwell, Geraldine
 Baba, Latoya Thembisa
 Basson, Desmare Augustine
 Beesley, Erica Sjaan
 Bennett, Kayla Jo-An (*cum laude*)
 Bingham, Shanae
 Bodirwa, Combi Prishalda
 Briedenhann, Johannes Eckhardt (*cum laude*)
 Brönn, Anabelle Iris Zona
 Brown, Mishka (*cum laude*)
 Carrington, Robyn Olivia (*cum laude*)
 Cholidiza, Acwengile
 Christoffels, Brent Zinzan
 Cloete, Beatri (*cum laude*)
 Cloete, Leonard Entienne
 Coetzer, Kayla (*cum laude*)
 Connelly, Jordan
 Cook, Lauren (*cum laude*)
 Crafford, Celeste (*cum laude*)
 Craig, Zeta
 Cupido, Jamie-Lee (*cum laude*)
 Daniels, Megan
 Davel, Inge (*cum laude*)
 De Foglio, Damon Leo (*cum laude*)
 De Mink, Erin Joy (*cum laude*)
 De Stadler, Caitlin Anne (*cum laude*)
 De Wet, Cindy (*cum laude*)
 Dina, Thato
 Douw, Buntu
 Dragner, Matthew Cobin
 Du Plooy, Zoë Ruth (*cum laude*)
 Duimpies, Lance Grant (*cum laude*)
 Eia, Hannah
 Engelbrecht, Thyla Theraan (*cum laude*)
 Erasmus, Hester

Erasmus, Kayla (*cum laude*)
 Esterhuizen, Craig-John
 Festus, Robin
 Fortuin, Ro-Ann (*cum laude*)
 Fouten, Alex
 Frayne, Samantha (*cum laude*)
 Fredericks, Faith Inge
 Gabela, Nqobile Prudence (*cum laude*)
 Gasa, Mcebo Mzomuhle
 Gaven, Morne
 George, Cassidy Anastasia (*cum laude*)
 Gwali, Makhaya
 Hartnick, Megan (*cum laude*)
 Hatch, Benjamin Ryan
 Hawksley, Alice Nicole (*cum laude*)
 Heaney, Jordan Anthony Telo
 Henry, Kristen
 Herbst, Johann-Henning (*cum laude*)
 Hollinshead, Jessica (*cum laude*)
 Jantjies, Tyrese Asanda
 January, Kay
 Japhta, Chelsea-Cole (*cum laude*)
 Jardim, Bianca Maria (*cum laude*)
 Jarrett, Robyn Lee Norma (*cum laude*)
 Jingisa, Mawande
 Johannes, Akisha (*cum laude*)
 Joseph, Jay-Dee Miche
 Julies, Edlyne Rozeanne
 Julies, Lesle Deneline
 Jury, Kelly Lee
 Kanayo, Zintle Anita
 Kees, Lee-Anne
 Kekana, Lethabo Rhisep
 Kese, Yedidiya Hlumelo Luphiwe (*cum laude*)
 Kgoloko, Tumelo
 Khanyeza, Nolwandle Thobeka
 Khosa, Rivoningo Petro (*cum laude*)
 Klaas, Asandiswa (*cum laude*)
 Klazen, Meldene Jennifer Leneve Sophia
 Koetaan, Chloe
 Kriel, Jeanne (*cum laude*)
 Kuhn, Kiarra (*cum laude*)
 Landman, Danelle (*cum laude*)
 Langford, Megan (*cum laude*)
 Ledwaba, Madiba Reginald
 Lefifi, Nyalo Anah
 Lindhorst, Shannon Leigh (*cum laude*)
 Liphadzi, Orinea windy
 Lomnitz, Alexander Neville
 Lottering, Elize
 Lotters, Abdul Malik
 Lourens, Kyle (*cum laude*)
 Louw, Connor (*cum laude*)
 Louw, Lu-Ellen (*cum laude*)
 Mabele, Vanessa Natasha (*cum laude*)
 Maholwana, Nomfundo Iviwe
 Maine, Tshegofatso Pulane Grace (*cum laude*)
 Malatji, Surprise Nnana
 Malherbe, Hugo Jacobus (*cum laude*)
 Mamafha, Masindi
 Mani, Ayavuya
 Manuel, Renicha (*cum laude*)

Maree, Caylin
 Mars, Vernon
 Masango, Philani Musawenkosi (*cum laude*)
 Mathapo, Kgothatso Jacob (*cum laude*)
 Mavika, Uyabulela
 Mayekiso, Sonwabile
 Mazibuko, Senzakahle
 Mbambo, Lati-Tah Mhlali (*cum laude*)
 Mbambo, Sindisiwe Noluthando
 Mbaqa, Thando
 Mbilini, Talita (*cum laude*)
 Mbotshelwa, Thato
 Mgiqika, Anela
 Mhlaba, Hluma-Nande
 Milford, Tamlyn Taylia (*cum laude*)
 Mkhize, Ndumiso Smiso (*cum laude*)
 Mkedini, Siwaphiwe
 Mnyateli, Asange
 Mochitele, Jeffrey Malesela
 Modise, Katlego (*cum laude*)
 Mofokeng, Moleboheng
 Mogofe, Kgopotso
 Mohale, Duncan
 Mohlala, Tebogo
 Mokoena, Thakgalo Nnete Judith
 Molepo, Tumelo
 Molopa, Reneilwe Mantsa
 Mondlomo, Lethabo Happiness
 Monyela, Lahlane Rodney
 Moody, Grace Jean (*cum laude*)
 Mose, Nosicelo
 Motebejane, Neo Neetsano Hedwick (*cum laude*)
 Mothiba, Eva Mmakgotso (*cum laude*)
 Mthakathi, Lonwabo
 Mthari, Nomsa
 Muller, Damian
 Muller, Gemma Leigh (*cum laude*)
 Murray, Kyle (*cum laude*)
 Mvelisi, Zandile (*cum laude*)
 Ndwini, Thandokazi
 Ngcese, Yathanda
 Ngobeni, Nkateko
 Ngobeni, Sibusiso
 Ngqinambi, Akhona (*cum laude*)
 Ngwayi, Yamkela
 Nhale, Sibekezelo Phillip (*cum laude*)
 Nkaota, Lebohang
 Nzimankulu, Mbali Precious
 Oerlemans, Annadee (*cum laude*)
 O'Neale, Reece (*cum laude*)
 Paola, Isabella Rose (*cum laude*)
 Parring, Blanche Mauritia
 Paulse, Muneeb (*cum laude*)
 Persent, Nicole
 Petersen, Leezahn Emily (*cum laude*)
 Petersen, Zayyaan (*cum laude*)
 Pick, Jade Robin
 Pratt, Elizabeth
 Pretorius, Mia (*cum laude*)
 Prinsloo, Emma Henlie (*cum laude*)
 Qampi, Asiphe
 Rademan, Daniel Johannes Rouxan (*cum laude*)

Radingoana, Kevin Matau
 Raedani, Lutendo
 Rakobela, Ritch Leka (*cum laude*)
 Ravhura, Mulalo
 Rayi, Thandisiwe
 Reitz, Tamia
 Retief, Talita-Vera
 Ricketts, Rebecca (*cum laude*)
 Roman, Zoë
 Roux, Susanna Francina (*cum laude*)
 Rubler, Lauren (*cum laude*)
 Ruckard, Giorgia Raffaella (*cum laude*)
 Sack, Elizabeth
 Samouilhan, Caden Dean (*cum laude*)
 Sauls, Alteano
 Scheepers, Amber Runeetha (*cum laude*)
 Scheepers, Michaela
 Setwaba, Noko Gladys (*cum laude*)
 Shipp, Nicole Elizabeth (*cum laude*)
 Siqwinti, Zanele
 Sirgel, Amy Anna (*cum laude*)
 Smit, Nina (*cum laude*)
 Soga, Luhle
 Soobramoney, Kiara (*cum laude*)
 Stephen, Mihlali
 Teffo, Malose Albertina
 Terblanche, Juliene Reinette
 Thete, Account Lulama
 Thwasha, Abongile
 Toefy, Nuhaa (*cum laude*)
 Tollig, Anouschka
 Tsamai, Deshni Getrude Refilwe
 Van den Berg, Jana (*cum laude*)
 Van den Heever, Saskia (*cum laude*)
 Van der Merwe, Christiaan Alexander (*cum laude*)
 Van der Walt, Chante (*cum laude*)
 Van Drimmelen, Katharina Tanya (*cum laude*)
 Van Heerden, Lekeashe Nicole
 Van Tonder, Zianca (*cum laude*)
 Van Wyk, Hester Johanna (*cum laude*)
 Van Wyk, Nicolas (*cum laude*)
 Van Wyk, Qulene (*cum laude*)
 Vevile, Siphumle
 Visser, Mienke (*cum laude*)
 Webster, Aimee-Lee (*cum laude*)
 Willemse, Ronaldo Bordeaux
 Williams, Cleopatra
 Wilschutt, Jasmin (*cum laude*)
 Yengana, Linamandla
 Zatu, Sisipho
 Zikhali, Velamseni

Bachelor of Education (Foundation Phase Teaching)
**Baccalaureus in die Opvoedkunde (Grondslagfase-
 onderwys)**

Afrika, Sanchia
 Alessandrini, Gabriella Lauren
 Angus, Georgina May
 Aucamp, Danelle (*cum laude*)
 Augoustatos, Georgia Zoe

Bartlett, Isobel
 Basso, Lunathi Khaya Corinthians
 Beyer, Ira Valeska (*cum laude*)
 Bezuidenhout, Carol-Joy Carisma
 Bezuidenhout, Lauren Anisha (*cum laude*)
 Blow, Emily Cate (*cum laude*)
 Booysen, Tatum Andrid (*cum laude*)
 Botha, Bridget (*cum laude*)
 Botha, Mienke
 Burger, Chérize (*cum laude*)
 Burger, Lene (*cum laude*)
 Claasen, Nazli
 Cockcroft, Carlayne Sheryl (*cum laude*)
 Coertzen, Ele
 Comley, Megan (*cum laude*)
 Compton, Sophia Elizabeth (*cum laude*)
 D'Amico, Chloe (*cum laude*)
 De Bruin, Larissa
 De Kock, Anel (*cum laude*)
 De Kock, Nadia (*cum laude*)
 Deist, Anelle (*cum laude*)
 Dry, Bridget (*cum laude*)
 Du Plessis, Danielle Carina (*cum laude*)
 Du Plessis, Lesli
 Easey, Erin Morgan
 Eksteen, Claudia Lousia
 Erasmus, Arlene (*cum laude*)
 Erasmus, Demi (*cum laude*)
 Gameeldien, Rasheedah
 Gerber, Anke (*cum laude*)
 Gerber, Johane' (*cum laude*)
 Gericke, Anica
 Grobler, Danielle Heather (*cum laude*)
 Grunewald, Lily (*cum laude*)
 Hancke, Sonja Karen (*cum laude*)
 Hartman, Leriese
 Hartnick, Jade Ciara (*cum laude*)
 Hartzer, Katrien (*cum laude*)
 Havenga, Luzanne (*cum laude*)
 Jacobs, Asheeqah
 Japhta, Petra
 Jenkins, Drew Jade
 Jewell, Erin
 Julies, Casey (*cum laude*)
 Julies, Hazel Loretta (*cum laude*)
 Karan, Gamza Abdullah Karan
 Koen, Almor (*cum laude*)
 Kuwane, Asiphe
 Lamprecht, Ane (*cum laude*)
 Le Grange, Anke (*cum laude*)
 Le Roux, Miné (*cum laude*)
 Len, Romy
 Lloyd, Kirsten Jemma (*cum laude*)
 Loubser, Marli
 Lund, Karla
 Maitin-Casalis, Grace Cara (*cum laude*)
 Marais, Taahirah (*cum laude*)
 Matter, Jodie Celine (*cum laude*)
 McIlrath, Christie Dee
 Meqe, Khanyisa Siyolisile
 Meyer, Yentl Amy
 Mgwarrubana, Alungile

Mulder, Cara (*cum laude*)
 Mulder, Hahneli Cecilia (*cum laude*)
 Müller, Inge (*cum laude*)
 Myer, Jenna
 Ncume, Sibulele Asemahle
 October, Daneal
 Oelofse, Merisa Elizabeth
 Oosthuizen, Carmelita (*cum laude*)
 Oosthuizen, Tiene (*cum laude*)
 Pflügler, Tayla Daniela
 Philander, Ameera
 Piper, Jessica
 Poni, Zizicelo
 Radford, Charlotte (*cum laude*)
 Rall, Lizanne
 Rappard, Elsa
 Repinz, Teagan Magenta (*cum laude*)
 Ridgway, Ashley (*cum laude*)
 Robinson, Thohira
 Samuels, Deveney (*cum laude*)
 Senaoane, Chloe (*cum laude*)
 September, Haajir
 Siebrits, Micaela De Lira
 Sikisi, Azola
 Sinclair, Chloe
 Stevenson, Jenna (*cum laude*)
 Stubbs, Hannah Lynne (*cum laude*)
 Styger, Natasha Cathleen
 Swart, Carina
 Swartz, Lauren Leigh
 Trollip, Bernise Olivia (*cum laude*)
 Trussel, Zoe Natasha
 Van Aardt, Elizabeth Hendrika (*cum laude*)
 Van Blerk, Anju (*cum laude*)
 Van Coller, Lauren
 Van den Heever, Chloe Monica
 Van der Merwe, Anél (*cum laude*)
 Van Geest, Elizma (*cum laude*)
 Van Kan, Sian Francis (*cum laude*)
 Van Niekerk, Liesl (*cum laude*)
 Van Rooyen, Marne (*cum laude*)
 Viljoen, Annamie (*cum laude*)
 Visagie, Bianca (*cum laude*)
 Visagie, Dylan Arno (*cum laude*)
 Volschenk, Tahlia (*cum laude*)
 Wessels, Karla
 Whitby, Jasmin (*cum laude*)
 Young, Lauren (*cum laude*)
 Zwiigelaar, Pippa Christiana (*cum laude*)

Bachelor of Education (Intermediate Phase Teaching)
**Baccalaureus in die Opvoedkunde (Intermediêrefase-
 onderwys)**

Abrahams, Alex
 Augustus, Jade-Lynne Marce (*cum laude*)
 Barnard, Jani (*cum laude*)
 Beattie, Jenna Rose (*cum laude*)
 Beeslaar, Nicole
 Bell, Caitlin (*cum laude*)
 Beukes, Nalize Jurika (*cum laude*)

Bolder, Amy
 Boshoff, Ané (*cum laude*)
 Botha, Renae
 Brown, Carlin Colleen
 Brummer, Magrieta Claudia (*cum laude*)
 Burwana, Sibahle
 Campher, Carla
 Ceres, Hanifa (*cum laude*)
 Coertze, Lane
 Cotterrell, Matt Kilian (*cum laude*)
 Cronje, Jana (*cum laude*)
 Cross, Richard (*cum laude*)
 Dale, Matthew David Alexander (*cum laude*)
 Damons, Chandre Jenovan
 Davids, Chad Lyle
 De Jager, Keisha Ronel (*cum laude*)
 De Jager, Michael
 De Vries, Stefney-Rose
 De Wet, Caitlin (*cum laude*)
 Delport, Christelee (*cum laude*)
 Diedericks, Kyra Lesley
 Doman, Adél (*cum laude*)
 Du Toit, Mia (*cum laude*)
 Du Toit, Robin Leigh
 Dubula, Yolanda
 Ederies, Aneekah
 Edwards, Michaela
 Erentze, Mikayla Veronica (*cum laude*)
 Fesini, Kwanda
 Fourie, Krislie (*cum laude*)
 Fraser, Danelle (*cum laude*)
 Gobey, Wayde Abraham (*cum laude*)
 Gouws, Jenna (*cum laude*)
 Grieves, Genevieve Courtney
 Grove, Chelsea Zoe
 Hammond, Emma (*cum laude*)
 Hofmeyr, Danelle Dominique (*cum laude*)
 Isaacs, Ashline Keeshé Vivianne
 Jacobs, Genevieve
 Janse van Vuuren, Daniel Rudolph
 Jones, Khadeejah (*cum laude*)
 Julius, Jodi Lana
 Kriek, Ane (*cum laude*)
 Kruger, Ronel (*cum laude*)
 Lakey, Natasha
 Launder, Megan Catherine (*cum laude*)
 Louw, Raymond-Junior (*cum laude*)
 Louw, Samantha
 Luqhide, Sinalo
 Maarman, Leandro
 Mali, Ongeziwe Fanelwa
 Manzi, Michael Lindokuhle
 Mapiye, Herzel (*cum laude*)
 Martin, Kristen Amber
 Mayer, Robyn Claire (*cum laude*)
 Mngati, Lutho
 Mnyandu, Seluleko Snenhlanhla
 Mthembu, Luthando (*cum laude*)
 Mullins, Lauren
 October, Merielle Charlotte Frenique
 Olin, Jurique Seves
 Pedro, Julie-Anne (*cum laude*)

Phenduka, Banele
 Phiri, Shannon Lindi
 Poirier, Nikita (*cum laude*)
 Poponi, Yonela Beauty
 Salie, Muhammad Irshaad Bin Ziyaad (*cum laude*)
 Samson, Christolene Megan
 Sarkozi, Taylor (*cum laude*)
 September, Delano Charles
 September, Kesha Leshay (*cum laude*)
 Slabbert, Gina Laura Maria
 Smith, Esray Tiffany
 Smith, Rene (*cum laude*)
 Soni, Amahle
 Sparg, Aimee (*cum laude*)
 Steenkamp, Hybré-Ann Lee-Jane Masnunah (*cum laude*)
 Stemmet, Line (*cum laude*)
 Stone, Kate Debra (*cum laude*)
 Stuurman, Brent Duane
 Swanepoel, Marissa (*cum laude*)
 Terblanche, Anais (*cum laude*)
 Testa, Mikayla (*cum laude*)
 Van den Berg, Kira (*cum laude*)
 Van der Berg, Louis
 Van der Ross, Nikita
 Van Voore, Anri Whitney (*cum laude*)
 Van Wyk, Lyle Chrizano
 Van Wyk, Shaneeka Jody
 Visser, Deandre Marilee
 Voigt, Mieke (*cum laude*)
 Wagner, Zoe
 Watts, Tara georgia
 Weber, Chloe (*cum laude*)
 White, Eranchia Jessica Leigh (*cum laude*)
 Williams, Paige
 Wilsnach, Kearin
 Witbooi, Yasmin
 Zicina, Samantha Nobuhle

**Advanced Diploma in Education in Senior Phase
 Mathematics Teaching
 Gevorderde Diploma in Opvoedkunde in Senior Fase
 Wiskunde-onderwys**

Baloyi, Lekgowa Alfred
 Kesholohetse, Dimpho
 Kola, Rethabile Simon
 Lekhobe, Tshidiso
 Lencwe, Mogomotsi Percyval (*cum laude*)
 Lenoge, Gomolemo Daphney
 Madlala, Lindezinhle Rejoyce
 Mogano, Aubrey (*cum laude*)
 Mokale, Cathrine Malebogo
 Molatole, Buang Patrick
 Mooka, Othusitse Christopher

Nthabalala, Raymond
 Pangisa, Shadrack Moena (*cum laude*)
 Phiri, Daniel
 Phofeli, Alfred Lerato
 Rampedi, Mapula Gloria
 Raseala, Thabo
 Taku, Aobakwe Vincentio
 Thekiso, Kettaleone Precious

**Advanced Diploma in Education in Senior Phase
 Natural Sciences Teaching
 Gevorderde Diploma in Opvoedkunde in Senior Fase
 Natuurwetenskappe-onderwys**

Chuene, Tshepo Mokgoro (*cum laude*)
 Disipi, Goitseone Moses
 Ditire, Raisibe Mary
 Ditsele, Cathrine Mating
 Gasenamore, Keaobaka (*cum laude*)
 Jonathan, Kelebogile
 Khumalo, Mandisa Thandi
 Langa, Ramasela Joyce
 Mataboge, MMantshabi Johannah
 Matlhomanchi, Amogelang Privilage (*cum laude*)
 Mklazulo, Sylvia Nombuyiselo
 Moloko, Glorias Keselepile
 Motlhommi, Tumisho (*cum laude*)
 Ngwenya, Ntokozo Wonder (*cum laude*)
 Nkomo, Botomley
 Olyn, Kutlwano Pegial
 Ramagogodi, Merriam Matshidiso
 Sithole, Ntebaleng Onicca
 Solang, Kgalalelo

forward together
sonke siya phambili
saam vorentoe

FACULTIES

AgriSciences • Law

9 December 2025 | 09:00

FAKULTEITE

AgriWetenskappe • Regsgeleerdheid

9 Desember 2025 | 09:00



Programme

<i>Please stand</i>	1. Entrance of academic procession into the hall.
<i>Please stand</i>	2. Playing of the National Anthem.
<i>Please sit</i>	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. Introduction of the candidate for the Chancellor's Award and presentation of the award by the Vice-Chancellor.
	8. Closing by the Vice-Chancellor.
<i>Please stand</i>	9. The academic procession leaves the stage.

Program

<i>Staan asseblief</i>	1. Akademiese prosesie kom die saal binne.
<i>Staan asseblief</i>	2. Speel van die Nasionale Lied.
<i>Sit asseblief</i>	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. Voorstelling van die kandidaat vir die Kanselierstoekenning en oorhandiging van die toekenning deur die Visekanselier.
	8. Sluiting deur die Visekanselier.
<i>Staan asseblief</i>	9. Akademiese prosesie verlaat die verhoog.

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

CORBETT, Kyle (Food Science)

Molecular and phenotypic assessment of *Listeria monocytogenes* from two South African ready-to-eat food factories with different sanitiser usage histories

Listeria monocytogenes is a foodborne pathogen that can persist and survive in food factories, causing severe illness through contaminated food. This study explores the pathogen's virulence potential and factory survival traits with whole-genome sequencing and phenotypic microbiological methods. This highlights the unique epidemiological profile of the South African strains. The value of integrating whole-genome sequencing into existing factory environmental monitoring programmes is subsequently demonstrated, as well as the methods to enhance current factory cleaning procedures. This research lays the foundation for the application of precision food safety through molecular and phenotypic means in South Africa.

Supervisor: Prof PA Gouws
Co-supervisor: Dr D Rip

DANGARE, Prince (Agricultural Sciences)

Developing a decision support system for monitoring orchard water use and productivity by integrating in situ and remote sensing data

The availability of adequate water for irrigation is the greatest threat to the sustainability and growth of the fruit industry in South Africa. This study quantified the water requirements of key subtropical fruit trees in the water-stressed Inkomati-Usuthu Water Management Area. Ecophysiological and agronomic data were combined with remote sensing and machine learning algorithms to derive critical model parameters. The parameters were then used to develop a Decision Support System for monitoring orchard water use, yield, and irrigation requirements.

Supervisor: Dr S Dzikiti
Co-supervisors: Prof PJR Cronje, Dr ZE Mashimbye

DAVIDS, Liaam (Conservation Ecology)

Do pinch points and barriers affect functional connectivity for butterflies and grasshoppers across networks of conservation corridors?

The effectiveness of ecological conservation corridors in commercial forestry landscapes could be undermined by pinch points and barriers. This study examines the role of these features in determining butterfly and grasshopper behaviour, taxonomic and functional diversity. Furthermore, the research uses satellite-derived imagery and machine learning-based species distribution modelling to determine how pinch points and barriers affect ecological functional connectivity. Results show that barriers reduce diversity from poor connectivity and invasive plant species, while pinch points with high habitat heterogeneity support biodiversity and functional connectivity. The study highlights the great importance of connectivity and habitat heterogeneity for biodiversity conservation in disturbed landscapes.

Supervisor: Prof JS Pryke
Co-supervisor: Prof MJ Samways

EZEORA, Kasiemobi Chiagozie (Food Science)

Fermentation optimisation to valorise pomegranate fruit into wine, using yeast isolated from pomegranate

Traditionally, wines are produced using commercial *Saccharomyces cerevisiae* yeast isolated from wine grape. In this study, the indigenous yeast microbiome of pomegranate fruit from different growing locations in the Western Cape were characterised for their potential as fermenters for pomegranate wine production. For the first time, the *Hanseniaspora occidentalis* PWW yeast strain was identified and selected for pomegranate wine fermentation based on efficient fermentation performance. Using a combination of extensive experimental studies and optimisation by means of a response surface methodology, a protocol was developed for efficient pomegranate wine production. The protocol considers juice extraction method, cultivar, fruit quality and fermentation conditions.

Supervisor: Prof UL Opara
Co-supervisors: Profs OA Fawole, ME Setati, GO Sigge

GAMA, Gugu Mbali (Forest Science)

Responsiveness and adaptability of xylogenesis dynamics in *Eucalyptus cladocalyx*

This study explores how young *Eucalyptus cladocalyx* trees respond to changes in water availability by examining growth and xylem anatomy from pith to bark. Using advanced imaging and automated cell classification, the research links fine-scale anatomical traits to water transport and growth. Results show that *Eucalyptus cladocalyx* maintains stable xylem structure and cambial activity under drought, reflecting some drought tolerance, while *Eucalyptus grandis* exhibits greater sensitivity, but adaptive plasticity when preconditioned. The research highlights contrasting drought strategies between species and emphasises the need for improved imaging tools to better link wood anatomy with environmental variability in a changing climate.

Supervisor: Prof DM Drew

MAGAGULA, Thokozane Innocent Pappa (Conservation Ecology)

Implications of expansion of protected areas utilised by megaherbivores for carbon sequestration and land degradation neutrality: a case study of the South African thicket biome

This study explores the carbon dynamics in Addo Elephant National Park and its potential expansion area in South Africa's Subtropical Thicket biome. Carbon stocks, trends in land-use change, and drivers of vegetation change, including megaherbivores, agriculture, and invasive species, are assessed. It is found that intact thicket and forest maintain high carbon storage, while unsustainable land use leads to major losses. The research demonstrates how protected areas safeguard carbon-rich ecosystems. Maintaining and expanding protected areas represents a critical front in the fight against climate change and is essential for achieving land degradation neutrality and ecological resilience.

Supervisor: Dr CJ Crous

Co-supervisors: Drs I Samuels (*external*), M Masubelele (*external*)

MWAKA, Georgina Patricia (Plant Pathology)

The effect of mixed banana cropping on *Fusarium* wilt in Uganda

Management of *Fusarium* wilt in banana is challenging due to the nature and survival strategy of the causal soilborne pathogen. Mixed cropping, commonly practised by small banana growers in Uganda, appears to provide some resilience to the disease. This study finds that mixed cropping of susceptible and resistant banana varieties does reduce the incidence of *Fusarium* wilt under field conditions. Analysis of the rhizosphere microbiome indicates that bacterial diversity is increased by the resistant variety, which could suppress the pathogen during mixed cultivation. Therefore, mixed banana cropping is encouraged as a strategy to minimise the impact of *Fusarium* wilt in Uganda.

Supervisor: Dr D Mostert

Co-supervisor: Prof A Viljoen

OPARA, Ikechukwu Kingsley (Food Science)

Predictive modelling for postharvest loss and waste of fresh produce at the wholesale level, using machine learning

Postharvest losses in South Africa's fresh produce wholesale sector affect the economy and food security. This study quantifies food waste at the biggest fresh produce market in South Africa, identifies financial losses, and develops machine learning models for waste prediction. Poor storage and transportation inefficiencies are key contributors to significant revenue losses. Machine learning models provide accurate forecasts to aid inventory management and operational planning. The research highlights the need for improved postharvest practices, infrastructure and policies to minimise waste and ensure economic stability, environmental sustainability and food availability in South Africa.

Supervisor: Prof OA Fawole

Co-supervisor: Prof GO Sigge

PHOHLO, Motsedisi Portia (Agronomy)

Optimising nitrogen use efficiency through soil health in Eastern Cape dairy pastures

This study investigates nitrogen fertilisation strategies in pasture-based dairy systems of the Eastern Cape. Results show that high rates of nitrogen fertiliser do not improve yields, but reduce nitrogen use efficiency, suppress soil nitrogen mineralisation, and raise environmental and economic risks. In contrast, lower inputs (<200 kg N ha⁻¹) support a balanced soil cycle and sustain competitive pasture yields. Seasonal variation and soil health indicators, particularly potassium, calcium–magnesium ratio and soil carbon, are stronger predictors of productivity than fertiliser rates. The research highlights that sustainable yield depends on balanced nutrient management and healthy soils, not fertiliser saturation.

Supervisor: Prof PA Swanepoel

Co-supervisor: Dr S Hinck (*external*)

REINECKE, Riana (Agricultural Sciences)

Estimating the net on-farm greenhouse gas emissions of pasture-based dairy production: a system dynamics study

This study develops and evaluates DESTiny, a system dynamics tool that integrates the biogenic carbon cycle in agriculture. It features a user-friendly web interface for farmers, incorporating both environmental and economic indicators. The application of DESTiny to pasture-based dairy farms reveals that farms practising regenerative agriculture and enhancing efficiencies can operate as net carbon sinks. These farms are shown to have average net greenhouse gas emissions of -1,1 kg CO₂e per kilogram of fat- and protein-corrected milk, with greater carbon sequestration linked to increased profitability. DESTiny provides a scalable framework for climate-smart dairy management, balancing environmental sustainability and economic goals.

Supervisor: Prof PA Swanepoel

Co-supervisor: Prof JN Blignaut

TOBIN, Jade (Food Science)

Phenolic-phospholipid complex nanovesicles for the delivery of honeybush (*Cyclopia subternata*) polyphenols in a ready-to-drink beverage

A *Cyclopia subternata* (honeybush) extract holds potential as a functional beverage ingredient because of its health-promoting phenolics. However, phenolics have poor stability, prompting the investigation of phytosomes (lipid-phenolic complexes). It is found that phytosomes greatly enhance phenolic stability during both thermal and cold plasma (non-thermal) preservation, as well as during shelf storage. This protective effect is not evident during simulated digestion. A slower permeation rate of the phenolics in the phytosomes in a model simulating the small intestine indicates a potential prolonged health-promoting effect. Therefore, phytosomes could be a viable option for delivering honeybush phenolic compounds in a functional beverage.

Supervisor: Prof D de Beer

Co-supervisor: Prof GO Sigge, Dr C Human (*external*)

VERMAAK, Mia (Entomology)

The trophic ecology of Acari and Collembola in agroecosystems

Our understanding of the trophic interactions and roles of soil organisms in global food webs, particularly in agroecosystems, is incomplete. This study highlights the ecological roles of *Acari* and *Collembola*, showing that their diversity is significantly influenced by temperature, rainfall and isotopic gradients. Low managed sites show greater isotopic richness and evenness, indicating more balanced food webs. Thermal locomotor physiology reveals that while species show typical thermal performance curves, there is no strong evidence of dominance between predators and prey. By synthesising field and lab data, the research offers evidence-based recommendations to enhance soil biodiversity and agroecosystem resilience.

Supervisor: Prof JS Terblanche

Co-supervisors: Drs C Janion-Scheepers (*external*), K Jensen (*external*)

Faculty of AgriSciences | Fakulteit AgriWetenskappe

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Science Magister in die Natuurwetenskappe

Fourie, Andriko (Entomology)
Lotter, Rianca (Wine Biotechnology)
Pietersen, Julian Jeffrey (Wine Biotechnology) (*cum laude*)
Sebitsang, Setho Shimmy (Entomology)

Master of Science in Agriculture Magister in die Natuurwetenskappe in Landbou

Boting, Bronwyn Frances (Oenology)
Du Toit, Francois (Agricultural Economics)
Janse van Rensburg, Christian (Soil Science)
Lambrechts, Adriaan (Agricultural Economics) (*cum laude*)
Langenhoven, Christien (Agricultural Economics) (*cum laude*)
Magwaza, Amanda (Plant Pathology)
Smuts, John Conroy (Agricultural Economics)
Solomon, Portia Colleen (Horticultural Science) (*cum laude*)
Strever, Manja (Viticulture) (*cum laude*)
Wilken, Leopold Eugene (Horticultural Science) (*cum laude*)

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

Harrison, Neil James (Forest Science)
Marshall, Duan David (Wood Product Science) (*cum laude*)
Mofokeng, Mohau Alphios (Wood Product Science)
Nwagboso, Joseph Chukwuemeka (Wood Product Science)

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

Bekker, Frederik Jacobus
Neethling, Juliet Ann
Ngxongo, Siphokazi Lindelo
Poole, Claire Ann (*cum laude*)
Skosana, Thandeka Evelyn
Van Graan, Erik De Kock

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

Fourie, Sonja Christene (*cum laude*)
Theunissen, Lize (*cum laude*)
Ward, Katherine Helena (*cum laude*)

Master of Agriculture Magister in Landbou

Muller, Anya Engela (Agricultural Economics)

Bachelor of Science Honours Honneurs-Baccalaureus in die Natuurwetenskappe

Basson, Chene (Wine Biotechnology)
Bestbier, Yolinda (Applied Plant Physiology)
Clayton, Venite (Wine Biotechnology)
De Goede, Andre (Wine Biotechnology)
Erasmus, Marli (Plant Pathology)
Gonyora, Kunashe Nomthandazo (Wine Biotechnology)
Haihambo, Emma Tweulongelwa (Wine Biotechnology)
Hewson, Matthew (Wine Biotechnology)
Imre, Betul (Plant Pathology) (*cum laude*)
Janse van Rensburg, Wandí Rachel (Wine Biotechnology)
Joyi, Lando (Plant Pathology)
Kearns, Chloé (Wine Biotechnology)
Mchunu, Mongezi (Wine Biotechnology)
Mellin, Holly Jane (Plant Pathology)
Mohlabé, Kabelo Mathinyane (Plant Pathology) (*cum laude*)
Moodliar, Senayah (Plant Pathology)
Ndede, Buhle (Wine Biotechnology)
Nel, Tiaan (Plant Pathology) (*cum laude*)
Schutte, Danica (Plant Pathology) (*cum laude*)
Siziba, Nonzwakazi Mandisa (Wine Biotechnology)
Slabber, Andrea Nicole (Applied Plant Physiology) (*cum laude*)
Van Wyk, Toni Leigh (Plant Pathology) (*cum laude*)

Bachelor of Agricultural Honours Honneurs-Baccalaureus in die Landbou

Cele, Sisanda Anele (Agricultural Economics)
Du Toit, Johan (Agricultural Economics)
Dube, Lance Lesole (Agricultural Economics)
Eigenhuis, Liesje (Agricultural Economics) (*cum laude*)
Gillham, Jack (Agricultural Economics)
Grobler, Anelma (Agricultural Economics)
James, Alexia Marguerite (Agricultural Economics)

Levor van Niekerk, Nicholas Brent (Agricultural Economics)
 Mbuthuma, Mhlali Aurelia (Agricultural Economics)
 Mphekgwana, Nape Annah (Agricultural Economics)
 Mtswesi, Sive (Agricultural Economics)
 Ngwane, Lathitha-Ilanga (Agricultural Economics)
 Phasha, Matau Keletso (Agricultural Economics)
 Uys, Daiyaan (Agricultural Economics)
 Uys, Malachai (Agricultural Economics)
 Van Zyl, Hendrik Hermanus Jacobus (Agricultural Economics)
 Willis, Matthew (Agricultural Economics)

Postgraduate Diploma in Aquaculture **Nagraadse Diploma in Akwakultuur**

Mphahlele, Molemoshi
 Nxono, Meleza (*cum laude*)

Postgraduate Diploma in Agronomy **Nagraadse Diploma in Agronomie**

Anders, Sarah Grace
 Botha, Izak Johannes
 Cotiyana, Zubenathi
 Jacobs, Kaiden
 Knott, Raquel Grace (*cum laude*)
 Moeng, Remoratile
 Sumaili, Fatuma Exauce (*cum laude*)
 Terblanche, Johannes Hendrikus
 Vayeke, Sapolwethu

Bachelor of Science in Agriculture **Baccalaureus in die Natuurwetenskappe in Landbou**

Baasden, Eben (Plant and Soil Science)
 Barnard, James Alexander (Viticulture and Oenology)
 Bellew, James Dylan (Animal Science)
 Bennell, Lauren Michelle (Plant and Soil Science)
 bezuidenhout, Lisa (Plant and Soil Science)
 Boshoff, Christiaan Cornelius (Agricultural Economics)
 Botes, Inge (Viticulture and Oenology)
 Botha, Marli (Animal Science)
 Bothma, Neil (Plant and Soil Science)
 Brandt, Danica (Viticulture and Oenology)
 Breytenbach, Josh (Agricultural Economics)
 Brinkhuis, Mogamat Haroon (Animal Science)
 Britz, James (Plant and Soil Science)
 Brown, Stephan (Animal Science)
 Buqa, Athini (Plant and Soil Science)
 Buys, Denise (Viticulture and Oenology)
 Carbonel, Dominique Brigitte (Agricultural Economics)
 Carolus, Liam David Daniel (Agricultural Economics)
 Cotterrell, Bruce Ashley (Agricultural Economics)
 De Jongh, Christiaan Lodewyk (Viticulture and Oenology)
 De Villiers, Raoul (Plant and Soil Science)
 De Wee, Garvin (Plant and Soil Science)
 Dippenaar, Aliza (Plant and Soil Science) (*cum laude*)
 Dippenaar, Annelet (Animal Science)
 Domiter, Isabella Mariana (Viticulture and Oenology)

Dreyer, Petrus Johannes (Plant and Soil Science)
 Els, Morné (Agricultural Economics)
 Els, Willem Jacobus (Plant and Soil Science)
 Engelbrecht, Janke (Animal Science)
 Engelbrecht, Wilje (Animal Science)
 Engelsman, Lauren Jessica (Viticulture and Oenology)
 Esterhuyse, Jacobus Johannes (Plant and Soil Science)
 Farinha, Chloe (Plant and Soil Science)
 Ferreira, Lezane (Viticulture and Oenology)
 Fischer, Ruben Dietrich (Animal Science)
 Fouche, Mari (Viticulture and Oenology)
 Frenzel, Tristan (Plant and Soil Science)
 Geddie, Aaron James Lindsay (Plant and Soil Science)
 Goatley, Geoffrey Murray (Plant and Soil Science)
 Groenewald, Bernie Jacobus (Plant and Soil Science)
 Guthrie, Iain Roy (Plant and Soil Science)
 Harding, Aimee Sarah (Agricultural Economics) (*cum laude*)
 Hay, Stuart Roy (Plant and Soil Science)
 Hepburn, Lily (Animal Science)
 Herridge, Angus (Agricultural Economics)
 Heyns, Lea (Plant and Soil Science)
 Heyns, Rossouw (Viticulture and Oenology)
 Hoal, Graham (Agricultural Economics)
 Jones, Katherine May (Plant and Soil Science)
 Kahumuza, Janice Karungi (Agricultural Economics)
 Kelsey, Jano (Animal Science)
 Kluckow, Siobhan (Viticulture and Oenology)
 Kruger, Greyling Gerhardus (Animal Science)
 Lambrechts, Charl André (Plant and Soil Science)
 Le Grange, Katie (Animal Science)
 Le Roux, Daniëlle (Agricultural Economics)
 Le Roux, Lydia (Animal Science)
 Lewis, Tom Richard (Plant and Soil Science)
 Liebenberg, Talitha (Plant and Soil Science)
 Manana, Bathobile Nomfundo (Agricultural Economics)
 Marsh, Caleb (Animal Science)
 Masebe, Lekobane Maria (Plant and Soil Science)
 Menezes, Stefano Pedro (Plant and Soil Science)
 Mentz, Jacobs Müller (Plant and Soil Science)
 Michau, Amy Chelsea (Animal Science)
 Miya, Sazi Asiphile (Agricultural Economics)
 Mkhombo, Hlombe (Agricultural Economics)
 Mohamed, Tahirah (Animal Science)
 Molefe, Amogelang Precious (Agricultural Economics)
 Murgatroyd, Joshua (Animal Science)
 Muth, Hendrich (Animal Science)
 Mzila, Noxolo (Plant and Soil Science)
 Naidoo, Kiara (Plant and Soil Science)
 Nel, Abigah Jane (Animal Science)
 Nel, Brigitte Lyn (Animal Science)
 Norval, Annika Silka (Animal Science)
 Ntso, Khuselo (Viticulture and Oenology)
 OBrien, Nikola (Animal Science)
 Olivier, Francesca Marlene (Plant and Soil Science)
 Praetorius, Kasha Jean (Viticulture and Oenology)
 Prinsloo, Elfrieda (Viticulture and Oenology)
 Rabapane, Tebogo Shelby (Agricultural Economics)
 Russell, Michael Toaney (Plant and Soil Science)
 Sansom, Megan Kimbely (Animal Science)
 Saunders, Ruan (Agricultural Economics)
 Scriven, Lyla Eillene (Animal Science)

Shaer, Benjamin (Viticulture and Oenology)
 Sikhakhane, Noluthando Precious (Plant and Soil Science)
 Smith, Anne-Mieke (Animal Science)
 Smuts, Wian SC (Plant and Soil Science)
 Steyn, Luther Johannes (Viticulture and Oenology)
 Steytler, Carina (Viticulture and Oenology)
 Stoffberg, Janlu (Viticulture and Oenology) (*cum laude*)
 Streicher, Mia (Animal Science)
 Swanepoel, Limrik Andreas (Plant and Soil Science)
 Terblanche, Johannes (Animal Science)
 Till, Taine Mark (Viticulture and Oenology)
 Toba, Anganathi Peditor (Plant and Soil Science)
 Uys, Rachel Amy (Plant and Soil Science)
 Van Coller, Viaan Coert (Animal Science)
 Van der Veen, Skylah Bjork (Plant and Soil Science)
 Van Eck, Anouk (Viticulture and Oenology)
 Van Heerden, Albert Jacobus (Agricultural Economics)
 Van Niekerk, Mariska (Plant and Soil Science)
 Van Wyk, Carien Marié (Animal Science)
 Van Zyl, Jack-Thomas (Plant and Soil Science)
 Van den Oever, Eric (Viticulture and Oenology)
 Viljoen, Kirsten (Plant and Soil Science)
 Vorster, Meyer Franco (Plant and Soil Science)
 Watts, Taylin (Viticulture and Oenology)
 Wessels, Jurie Wynand (Plant and Soil Science)
 Wilson-Trollip, Caitlin (Viticulture and Oenology)
 Yalolo, Anele Wesley (Animal Science)

Bachelor of Science in Forestry and Wood Sciences
Baccalaureus in die Natuurwetenskappe in Bosbou- en Houtwetenskappe

Cornelissen, Juan
 Dlamini, Zandile Pearl
 Dommissie, Ebbe-Jacques
 Jansen van Rensburg, Robert James
 Marinus, Stacey
 Pike, Adrian Dean
 Pillay, Shailin (*cum laude*)
 Sithole, Lilitha
 Smit, Albert Johan
 Swain, Charne Canielle
 Swanepoel, Daniël Phillip
 Theart, Joshua
 Titoti, Lebohang Imraan
 Van der Walt, Allen
 Walton, Oliver Edward

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

Bohnen, Cade James
 Cronjé, Bernhardt Heinrich
 Fitzgerald, Aidan Jonathan
 Gouws, Lisa
 Harper, Thomas George
 Heymans, Hendrik Johannes
 Kennedy-Smith, Oliver Jack
 Kruger, Andrew John Stanton
 Magerman, Ivann Peter

Makoloi, Kopano Blessing
 Malan, Adri
 Malherbe, Mia Penny
 Marinos, Olivia
 Phillips, Catherine
 Slabbert, Chrismarie
 Smit, Hendrik
 Summerton, Liam Matthew
 Welsh, Jenna

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

Abdul Aziz, Zainab
 Aiyer, Alizer Ann
 Badr, Ahmed
 Beley, Madison Amber
 Botha, Hannah
 Du Pisani, Emma
 Henning, Liezel
 Hickley, Jessica
 Honiball, Gene
 Kaka, yolisa
 Kumandan, Ammaarah
 Labuschagne, Kyle
 Le Roux, Esle'
 Louw, Mari
 Manoto, Rethabile Lesego
 Marais, Ilize
 Masilela, Lindelwa Vickey
 Mason, Ella Rose
 Mki, Nande
 Muller, Monique
 Mundell, Emma Dagmar
 Nel, Annette Romi
 Oudtshoorn, Anshia
 Ovendale, Jessica
 Pietersen, Kirsten (*cum laude*)
 Prins, Carishny Chante
 Proper, Georgia
 Rijnsburger, Rochelle
 Rispel, Lindsey Eliza
 Samuels-Bronée, Tristan Andrew
 Schady, Emily Anna
 Schultheiss, Carolijn
 Smith, Ehros
 Smit, martha martina
 Swart, Lusché
 Taylor, Michael Theo
 Van Rooyen, Amy
 Van Wyk, Cisca
 Van Zyl, JOLINE
 Van der Merwe, Mila
 Visser, Anke
 Vorster, Annie
 Wessels, Nina
 Wilford, Katelyn Margo
 Wood, Nicole Caitlin
 Woolf, Charne

Bachelor of Agriculture
Baccalaureus in Landbou

Adams, Donnae Samantha
Adams, Erin Marlese
Barry, Johannes Christoffel
Basson, Thian Bredell
Beukes, Hendrik Petrus Johannes
Beyers, Bergeht
Bhagvan, Kabir (Agri-Business Management)
Blom, Barend Jacobus
Bothma, Gerber
Brand, Johanna Magrietha
Brink, Daniel Louis
Burger, Divan Jack
Chapman, Matthew (*cum laude*)
Clark, Shaylee
Coetzee, Anelda (*cum laude*)
Coetzee, Jana
Coetzee, Jp
Coetzee, Reese
Coetzee, Wilmarie Hannah (*cum laude*)
Dale, Tristan Luke
De Bonis, Adrian (Agri-Business Management)
De Kock, Ruan Hendrik
Du Plessis, Petrus Lodewikus (*cum laude*)
Du Toit, Kara (*cum laude*)
Eksteen, Stefanus Christiaan Carstens
Ferreira, Renier
Flanagan, Nicholas Patrick
Fourie, Heinrich
Gagiano, Enrico Biennie
Gerber, Ruan
Gideons, Jamy (Agri-Business Management)
Gildenhuys, Emma
Grant, Matthew MacKenzie
Grobbelaar, Johnny-Graham
Grotsius, Antonique
Henderson, Joshua Vere Scott
Jansen van Rensburg, Emile
Jarvie, Brett Graeme
Joubert, Frederik Christoff
Joubert, Johannes Petrus
Kahts, Anje
Kingham, Daniel Thomas
Kondile, Khanya
Kruger, Mia Ann
Lamprecht, Johan Christiaan
Lanzoni, Jade Isabella
Lembethe, Noluthando

Lodewyks, Ian
Louw, Alex
Louw, Jacob Mathys
Madlala, Zandiswa Nonhle Ntombiningi
Maisva, Tagara Chaka (Agri-Business Management)
Malan, Charl (Agri-Business Management)
Malherbe, Kyla
Marais, Janie Susanne
Martin, Courtney (*cum laude*)
Mcunu, Nontobeko Sinegugu
Milner, Martenique
Monin, Claudia (*cum laude*)
Morata, Mogau Tshedisho
Nagel, Elké
Nieuwoudt, Mihan Johannes
Ntlahla, Xolela
Nzima, Hloniphile Sakhile
Odendaal, Estian Strauss (Agri-Business Management)
Paxton, Michael Charles (*cum laude*)
Pfister, Andrew
Pretorius, Louis Willem
Pretorius, Mieke (Agri-Business Management)
Qunta, Nandipha
Scheepers, Renico Gauche
Schutte, Nicolas Jacobus
Senosha, Reneilwe
Singe, Tinotenda
Smit, Anrich
Snyman, Ethan Phillip (Agri-Business Management)
Steyn, Lizelle
Stover, Wickus Daniel
Strydom, Aiden (Agri-Business Management)
Strydom, Zack de Beer
Strydom, Zandri
Swart, Dehan
Swart, Rianette
Terblanche, Henrique Hermanus
Thusi, Sindisiwe (*cum laude*)
Timms, Jean Clifford
Tsoetsi, Reanete Rorisang
Van der Berg, Erin Sian
Van der Merwe, Izani (Agri-Business Management)
Van Dyk, Anuscka
Van Greunen, Christie
Van Jaarsveld, Jaun-Mari (*cum laude*)
Venter, Henko
Vrettos, Alexander (Agri-Business Management)
Wessels, Erich Daneel
Williams, Caitlin elizabeth
Williams, Cathleen Carmen

FACULTY OF AGRISCIENCES FAKULTEIT AGRIWETENSKAPPE

Johan Theodorus Burger

Prof Johan Burger has made an exceptional and enduring contribution to Stellenbosch University and South African agricultural biotechnology. Over 29 years, he established SU as a leader in grapevine molecular genetics, pioneering innovations such as Africa's first genome-edited grapevines and delivering impactful solutions to industry-critical virus and drought challenges. As founder of SU's Molecular Genetics course, he has shaped thousands of students and supervised more than 70 postgraduate researchers. His extensive national and international collaborations, regulatory leadership and unwavering commitment to science-driven impact make him an outstanding and highly deserving recipient of the Rector's

Prof Johan Burger het 'n uitsonderlike en blywende bydrae tot die Universiteit Stellenbosch en Suid-Afrikaanse landboubiotegnologie gelewer. Oor 29 jaar het hy die US as 'n leier in wingerdmolekulêre genetika gevestig en baanbrekerswerk gedoen met onder meer Afrika se eerste genoom-geredigeerde wingerdplante. Hy het betekenisvolle oplossings vir bedryfskritieke virus- en droogte-uitdagings aangebied. As opsteller van die US se module oor Molekulêre Genetika het hy duisende studente gevorm en meer as 70 nagraadse navorsers begelei. Sy omvangryke nasionale en internasionale samewerking, regulatoriese leierskap en onwrikbare toewyding aan wetenskapgedrewe resultate maak hom 'n uitsers waardige ontvanger van die Rektorstoekenning.

FACULTY OF LAW FAKULTEIT REGSGELEERDHEID

The degree Doctor of Laws (LLD), *honoris causa*, to
Die graad Doktor in die Regte (LLD), *honoris causa*, aan

Chris Otto

for his visionary leadership, entrepreneurial spirit, commitment to value creation, and his dedication to projects that promote social justice and positive change in South Africa.

Chris Otto, a Stellenbosch University (SU) alumnus, is a renowned South African entrepreneur. He co-founded PSG Group in 1995, was part of the team that founded Capitec Bank in 2001 and founded Zeder Investments in 2006.

Today, the PSG Group is a major South African investment holding company with interests in financial services, education, agriculture and other key sectors. Capitec Bank has grown to become one of South Africa's most successful retail banks, contributing to the economy by creating jobs, promoting savings and empowering small businesses through accessible credit. Zeder Investments also plays a key role in the development of the agribusiness industry.

Otto is also involved in various community development initiatives. In 2016, Otto and his daughter, Zephne Ladbrook, established the Otto Foundation. Through the Foundation, he contributes to social justice and positive change in South Africa by creating libraries and reading programmes to improve early literacy.

He has also made an immense impact at SU. Otto is the founding chairman of the Stellenbosch Law Faculty Trust. The Trust supports various projects, such as bursaries for postgraduate students, funding to support research and training initiatives for staff, and funding for academic materials. The Trust assisted with the establishment of the Chair in Social Justice, the Gys Steyn Chair in Financial Regulation Law and the Chair in Urban Law and Sustainability Governance.

vir sy visionêre leierskap, entrepreneursgees, toewyding aan waardeskepping en sy verbintenis tot projekte wat maatskaplike geregtigheid en positiewe verandering in Suid-Afrika bevorder.

Chris Otto, 'n alumnus van die Universiteit Stellenbosch (US), is 'n bekende Suid-Afrikaanse entrepreneur. Hy was medestigter van die PSG Groep in 1995, deel van die span wat Capitec Bank in 2001 begin het en het Zeder Investments in 2006 gestig.

Die PSG Groep is vandag 'n belangrike Suid-Afrikaanse beleggingshouermaatskappy met belange in finansiële dienste, onderwys, landbou en ander sleutelsektore. Capitec Bank het gegroei tot een van Suid-Afrika se suksesvolste kleinhandelbanke, wat tot die ekonomie bydra deur werksgeleenthede te skep, die spaar van geld te bevorder en klein sakeondernemings deur middel van toeganklike krediet te bemagtig. Zeder Investments speel ook 'n sleutelrol in die ontwikkeling van die landboubedryf.

Otto is ook by verskeie gemeenskapsontwikkelingsinisiatiewe betrokke. Otto en sy dogter, Zephne Ladbrook, het in 2016 die Otto-stigting begin. Hy dra deur die Stigting by tot maatskaplike geregtigheid en positiewe verandering in Suid-Afrika deur biblioteke en leesprogramme te skep om vroeë geletterdheid te verbeter.

Hy het ook 'n enorme impak by die US gemaak. Otto is die stigtersvoorsitter van die Stellenbosch Regsfakulteittrust. Die Trust ondersteun verskeie projekte, soos beurse vir nagraadse studente, finansiering om navorsings- en opleidingsinisiatiewe vir personeel te ondersteun en finansiering vir akademiese materiaal. Die Trust het met die vestiging van die Leerstoel in Sosiale Geregtigheid, die Gys Steyn-leerstoel in Finansiële Reguleringsreg en die Leerstoel in Stedelike Reg en Volhoubaarheid bestuur gehelp.

DOCTOR OF LAWS DOKTOR IN DIE REGTE

CONRADIE, Robyn (Private Law)

The public healthcare crisis: reconsidering the quantification and payment of damages where delictual liability has been imposed against the state for harm arising from medical malpractice

An increase in the number of delictual claims instituted against the state for harm arising from medical malpractice has led to the significant expansion of the state's delictual liability in this context. This places severe financial pressure on the state and raises serious concerns about its future ability to continue providing access to public healthcare. This study investigates whether there are alternative methods to quantify and pay damages to victims of medical malpractice in the public healthcare sector. It ultimately justifies the potential introduction of alternative quantification and payment methods in this context and evaluates how they may be practically implemented.

Supervisor: Prof AB Wessels

Faculty of Law | Fakulteit Regsgeleerdheid

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Laws

Magister in die Regsgeleerdheid

Al-Hami, Rabea
Amend, Philippe
Atukunda, Lisa Nyakato
Barnard, Ilse (*cum laude*)
Berge, Leonie Louisa Caroline
Bester, Carla (*cum laude*)
Chigwaya, Caroline
Coban, Evrim
De Vos, Alida
Dehaene, Ines Annick
Dihm, Julia Anna Theresa
Elifala, Joel
Eychmueller, Christian
Falk, Yasmin
Frohn, Simon Johannes
Gallasch, Marie Sophie
Giesberts, Gracia Clara Viola
Göppl, Justin Johannes
Gross, Amelie Theresa (*cum laude*)
Gruenwald, Alexander Michael
Happ, Valentin (*cum laude*)
Hartmann, Johannes
Heichel, Simon (*cum laude*)
Heun, Nina Cecilia
Juhl, Justus
Kessler, Simon Dominik (*cum laude*)
Khaki, Clara Balekire
Kirschner, Finn
Kleinert, Lukas
Kloke, Jannes (*cum laude*)
Krzeminski, Noah
Le Fleur, Raymond Solomon
Lishman, Deborah
Malata, Angela
Masipa, Mokgadifela Tshepang (*cum laude*)
Merx, Hendrik
Miller, Cameron
Muehlberg, Tim
Mvunelo, Masakhe
Naepfle, Lilian
Ndlovu, Simo Mlungisi
Rademacher, Annika (*cum laude*)
Radovanovic, Stefan
Raetz, Jonas
Rafolatsane, Mpoi
Sabola, Eileen
Schmidt, Luisa
Schuemann, Jasper
Sethole, Oratile Ronald
Stegmaier, Alexander Carl (*cum laude*)
Stoffels, Michalin

Swanepoel, Zandri
Theron, Ane
Toyer, Thaakiyah
Vakele, Yenela
Van der Merwe, Regardt Willem
Vaughan, Stepfan
Wackerbauer, Verena Johanna
Wasiri, Grace Mbanandi

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

Bataamukuwa, Daphne Athnanth
Carelse, Carline
Manga, Eliaichi Menye
Naluzze, Georgina Esther
Posemann, Michelle (*cum laude*)
Weissmann, Lennart

Postgraduate Diploma in Intellectual Property Law Nagraadse Diploma in Intellektuele Goederereg

Mudaly, Senthil Printhavanan
Van Eetveldt, Anja

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

Frankfort-Scheffers, Mandy Faith
Kone, Fhulufhedzani
Makara, Tseliso Benedict
Matidza, Cathrine Modjadji
Mdletshe, Phindile
Mosoma, Lebogang Frederick
Ramakwe- Makgaleng, Manee Lucia
Thipe, Garth Mojalefa
Tjivera, Eugena
Tsie, Thabang Moses

Bachelor of Laws Baccalaureus in die Regsgeleerdheid

Albertus, Kayla Leigh
Allkin, Emma Lauren
Archer, Lize
Arendse, Timothy
Barnard, Daniëlle
Basson, Wilandri
Becker, Joli Tyla

Bellingan, Maia
 Berkatt, Samantha Ruth
 Besarab, Kiara Paige
 Bester, Pippa Leonora
 Bester, Tiaan
 Botha, Celine
 Botha, Jessica
 Braaf, Zeta Ashley
 Brand, Su-Ane
 Breetzke, Christopher James
 Brink, Maria
 Brombacher, Paige Frances
 Buys, Edward
 Callaghan, Carah Abigail
 Cawood, Alexia Jade
 Chetty, Yuri Anand
 Christodoulou, Astra Lee (*cum laude*)
 Compion, Zoë Miné
 Coote, Danielle Phillippa
 Craik, Jessica Leigh
 Cross, Matthew James
 Cubitt, Jason-Hendré
 De Bruyn, Siohban
 De Haas, Hannah Eva
 De Klerk, Nikolaa
 De Meuter, Alexandra Grace
 De Winnaar, Nicole
 Decker, Emma Rhiannon
 Du Plessis, Mia Louise
 Du Toit, Marissa
 Du Toit, Neil
 Duminy, Ffion
 Duval, Giselle
 Duvenage, Carina Hetloe
 Dyer, Cameron Amy (*cum laude*)
 Edgley, Mikayla Zeldene Watzek (*cum laude*)
 Ehrenreich, Mikayla Monique
 Ekström, Lara
 Erasmus, Daniel Frederick
 Esterhuizen, Peter Nicklaus
 Februarie, Roceshia Joanne Lihle
 Festus, Sasha Meagan
 Fisk, Chloe Sophie-Mae
 Fölscher, Dawid
 Fowler, Caitlyn Ashleigh
 Gainsford, Jemima Daisy
 Gancho, Robyn
 Garbers, Ira
 Glasby, Daisy Saffron
 Gossayn, Salimé Adri
 Gounden, Charlize Leoni
 Grobler, Pieter Herman Francois
 Grove, El-Shane Du Plessis
 Haasbroek, Bianca
 Hanekom, Jan-Pagel
 Hefer, Cayley Shaye
 Hickman, Jenna Lee
 Hooker, Rachel Emma
 Hu, Audrey
 Hugo, Nina
 Hunink, Rhys Brodin
 James, Kirsty

Janse van Rensburg, Anicka
 Johannes, Dominique Leigh
 Kathrada, Husna
 Khan, Nousheena
 Kilbourn, Connor Frank
 Knoetze, Carla Jani
 Kritzinger, Cornelia
 Labuschagne, Sharle
 Lackay, Cassidy
 Lane-Mitchell, David Paul
 Langford, Casey Amber
 Le Roux, Tania
 Lebele, Kopano
 Levell, James Michael
 Li, Catherine Yanming
 Long, Kate Robyn
 Loomes, Samantha
 Louw, Rasheed Shaeedlee
 Luyt, Gabrielle
 Lyu, Bo
 Maartens, Alexandra Helette (*cum laude*)
 Mackay, Amber Logan
 Maguire, Joseph Adam Cohen
 Manda, Tapiwa
 Maphutha, Lesedi
 Masaire, Tawanda Matthew
 Mawarire, Taombera
 Meyer, Minethia Amber
 Mnisi, Lesedi
 Möller, Melandi
 Moolman, Charle
 Mosoma, Lethabo Malle Maratlagadi
 Mtshali, Nomvelo
 Mudzingiranwa, Gugulethu
 Mulder, Ashleigh
 Mulder, Lauren
 Mulke, Jaden (*cum laude*)
 Muller, Mienke
 Naidoo, Ahimsa
 Naidoo, Bianca Cassidi
 Naidoo, Deren
 Naudé, Louisa Helena (*cum laude*)
 Norris, Edwin
 Nuuyoma, Ailly Namvula
 Oosthuizen, Chante Anjunique
 Oosthuizen, Kyla
 Padiachy, Tiffany
 Paul, Raquel Goncalves
 Pedro, Wilmaré Rose
 Pilkington, Lucy (*cum laude*)
 Pohl, Kesia
 Pretorius, Christi
 Rademeyer, Zandrie
 Richard, Annica Ann
 Ries von Bergen, Kati
 Rikhotso, Nyeleti
 Riley, Dominic Alexander
 Risimati, Risuna Hannah
 Rocha, Casandra Bernadette
 Roffe, Sydnee Monika
 Roux, Courtney Nicola
 Salie, Mogamat Asad

Sampson, Luca Christopher Bradley
Samuels, Teri-Lee
Schultz, Daniela Michelle
Sewraj, Zara
Sloman, Ansela Hannah
Smith, Nathan Paul
Sobreira, Pascale Santana
Söderlund, Sasha Morgan (*cum laude*)
Sotiralis, Roanne Alexa
Souchon, Aimee Rebekah
Sparks, Andrew James Walsh
Spence, Sheldon
Suku, Jevina
Swanepoel, Kyle
Taylor, Ewan Anakin
Theron, Michéle Elizabeth
Turner, Cayleen
Van Deijl, Liza
Van der Heever, Ruth Christine
Van der Merwe, Michael Aidan
Van der Merwe, Mieke
Van der Riel, Lizé
Van der Watt, Elsa-Marié (*cum laude*)
Van der Watt, Jenna
Van Deventer, Chloe Tamrin (*cum laude*)
Van Heerden, Juané
Van Niekerk, Sebastian Francois
Van Reenen, Kiara
Van Rooyen, Megan Olivia
Van Wyk, Jan Harm Christiaan

Van Wyngaard, Liam
Van Zyl, Kaylee
Venter, Christiaan
Venter, Eric Ryno
Viljoen, Mila
Wentzel, Carmi
White, Jean-Minique
Williams, Monique Emma
Wright, Welsha Jan

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

Coetzer, Anzil
De Klerk, Anika
Hendrikse, Taylor (*cum laude*)
Hohenstein, Janke
Ingwersen, Jana
Kirkpatrick, Katy
Maragelis, Aidan John
Millen, William Glenn (*cum laude*)
Roux, Willem Petrus
Slabbert, Nina Helena
Van Dyk, Milda
Van Rooijen, Ivan
Van Wyk, Adriaan Francois
Venter, Lize (*cum laude*)
Young, Anke
Young, Gillian

forward together
sonke siya phambili
saam vorentoe

Faculty of Science (Group 1)

9 December 2025 | 13:00

Fakulteit Natuurwetenskappe (Groep 1)

9 Desember 2025 | 13:00



Programme

<i>Please stand</i>	1. Entrance of academic procession into the hall.
<i>Please stand</i>	2. Playing of the National Anthem.
<i>Please sit</i>	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. Introduction of the candidate for the Chancellor's Award and presentation of the award by the Deputy Vice-Chancellor.
	7. Closing by the Deputy Vice-Chancellor.
<i>Please stand</i>	8. The academic procession leaves the stage.

Program

<i>Staan asseblief</i>	1. Akademiese prosesie kom die saal binne.
<i>Staan asseblief</i>	2. Speel van die Nasionale Lied.
<i>Sit asseblief</i>	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. Voorstelling van die kandidaat vir die Kanselierstoekenning en oorhandiging van die toekenning deur die Viserektor.
	7. Sluiting deur die Viserektor.
<i>Staan asseblief</i>	8. Akademiese prosesie verlaat die verhoog.

DOCTOR OF SCIENCE | DOKTOR IN DIE NATUURWETENSKAPPE

DICKS, Leon Milner Theodore (Microbiology)

Gut Microbiota and Cardiovascular Disease: Exploring microbial metabolites, inflammation, and arterial specificity in atherosclerosis

Butyrate, produced by a balanced gut microbiome, regulates our immune system and prevents atherosclerosis (AS). An imbalanced gut microbiome dysregulates the immune system and causes hypertension, diabetes, and cardiovascular abnormalities, which may lead to thrombosis and myocardial infarction. Unlike coronary arteries, internal mammary arteries (IMAs) are physiologically unique and express anti-plaque enzymes. This study highlights properties that define IMAs as the ideal conduits in coronary artery bypass surgery. Epithelial cellular adhesion molecule (Ep-CAM), trefoil factor 3 (TF3), leptin, plasminogen activator inhibitor 1 (PAI1), alpha-1 acid glycoprotein 1 (AGP1), contactin 1 (CNTN1) and trimethylamine oxidase (TMAO) may be used to detect early-stage AS. The research also identifies drugs to prevent AS.

Supervisor: Prof A-M Engelbrecht

Co-supervisor: Prof A Botha

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

CARSTENS, Althea (Polymer Science)

Investigation of the molecular structure and self-assembly behaviour of bio-derivable polymers using advanced analytical techniques

This study explores the synthesis and self-assembly of bio-based copolymers, using a novel lignin-derived monomer known as guaiacyl itaconate. Copolymers with both synthetic and fully renewable comonomers are prepared and analysed by means of advanced thermal, spectroscopic and microscopic techniques. Guaiacyl itaconate is found to direct the formation of unusual morphologies in water, including distinctive bowl-shaped nanoparticles. These structures are tuneable by adjusting chemical composition, offering a path to functional nanomaterials. The findings demonstrate how bio-derived components can influence nanoscale structure, highlighting the potential of lignin-based copolymers for sustainable applications in areas such as drug delivery, nanoreactors and green materials design.

Supervisor: Prof A Lederer

Co-supervisor: Dr H Pfukwa

CRONJE, Anna Hendrina Petronella (Polymer Science)

A systematic study of CuAAC polymerisation kinetics, characterisation and conformational behaviour of poly(p-aryltriazole)s

Poly(p-aryltriazole)s (PpATs) have been shown to adopt a helical conformation upon exposure to a mixture of a selective solvent and a non-selective solvent. Traditionally, PpATs are synthesised via a step-growth mechanism, which leads to a broad molar mass distribution and vulnerability to impurities in the reaction mixture. This study conducts kinetic experiments to establish an alternative pathway in which PpATs can be synthesised via a chain-growth mechanism. It is found that the necessary activation of the reactive chain-end is too slow, and competitive activation of the monomer leads to an undesirable hybrid polymerisation mechanism.

Supervisor: Prof L Klumperman

Co-supervisor: Dr R Pfukwa

DAKURAH, Ottovon Bismark (Bioinformatics and Computational Biology)

Identification of a possible sequence of structural events associated with genome evolution

Changes in the sequence of the genome of an organism can result in alterations in the chemistry of cells. Organisms and their modified genetic information are selected for fitness over evolutionary time, which forms the basis for speciation. This study developed a tool to analyse the modifications that convert the sequence of one genome to another, incorporating biological parameters. This was used to analyse the genomes of an ancestral and a modern industrial yeast. The impact of the spatial proximity of different sections of the genome and its compactness was also considered. The importance of nuclear architecture and *epigenetic* modifications in genome evolution was demonstrated.

Supervisor: Prof HG Patterson
Co-supervisor: Prof GC Tromp

KOROLEVA, Elizaveta (Microbiology)

Metabolic and therapeutic insight into polyamine regulation in *Emergomyces africanus*

The global public health threat of increasing fungal infections has grown in recent years. However, our limited understanding of fungal physiology and narrow arsenal of antifungal agents complicates treatment and management of these infections. This study elucidates the physiology of *Emergomyces africanus*, an emergent opportunistic fungal pathogen. Through a series of biochemical, physiological and in vivo experiments, polyamine synthesis inhibition (using the inhibitor α -difluoromethylornithine) was found to be a promising antifungal strategy. In addition to reducing virulence, polyamine synthesis inhibition improves the efficacy of currently available antifungals through co-administration, with potential for clinical translation.

Supervisor: Prof A Botha

MONDLANE, Chelsea Danielle (Polymer Science)

Development of advanced analytical tools for robust chemical characterization of lignin raw materials

This study addressed the complex challenge of determining the molar mass of lignin, a promising bio-based material with structural intricacy. Multiple lignin samples were extracted and analysed, using advanced techniques such as nuclear magnetic resonance, infrared spectroscopy and chromatography with various detectors. Solvent systems and fluorescence quenchers were optimised to reduce interference and improve measurement accuracy. Additional mass spectrometry analysis of fractionated samples revealed structural and optical diversity. These findings provide valuable insight into lignin's behaviour and advance the development of robust protocols for its future industrial valorisation.

Supervisor: Prof A Lederer
Co-supervisor: Dr H Pfukwa

MTHEMBU, Wendy (Biochemistry)

Identification and characterisation of peptide-based inhibitors of *Plasmodium falciparum* Grp94 and Grp78 chaperone system

Malaria parasites survive by maintaining an efficient system that ensures that their proteins are correctly folded and functional. This study investigates two key proteins, glucose-regulated protein 78 and 94, to understand how they support parasite survival and whether they could be targeted by new drugs. Structural and functional analyses reveal that these proteins differ significantly from human counterparts, making them attractive drug targets. Two natural peptide compounds, tyrocidine A and gramicidin S, selectively disrupt their function, with each protein showing unique vulnerabilities. These findings provide new insights into parasite biology and highlight promising candidates for future antimalarial drug development.

Supervisor: Dr T Zininga
Co-supervisor: Prof M Rautenbach

MTHETHWA, Siphesihle Joel (Genetics)

Population genetics and phylogeography of *Thyrsites atun*

Thyrsites atun (Cape snoek) is an ecologically, culturally and economically important fish in South Africa, contributing to food security and supporting small-scale fisheries. While once stable, its landings have declined. Subsequent imports from New Zealand (barracouta) have raised concerns about local livelihoods and sustainability. Using mitochondrial and nuclear DNA, this study assessed global phylogeography and South African population structure. Results revealed two major global lineages, low connectivity driven by ocean currents, and two reproductively isolated stocks locally in South Africa, with evidence of a recent bottleneck. These findings underscore the importance of conserving distinct lineages and developing tailored, genetics-informed management strategies.

Supervisor: Prof R Roodt-Wilding

Co-supervisor: Prof AE Bester-van der Merwe

MURRAY, Rebecca Jane (Chemistry)

Using poly(styrene-co-maleic acid)-like polymers to study G-protein-coupled receptors

The study of membrane proteins has been revolutionised by amphiphilic copolymers that facilitate the extraction of these proteins with their closely associated phospholipids from cell membranes into nanodiscs. This research investigates G-protein-coupled receptors (GPCRs), using a bioluminescence resonance energy transfer (BRET) assay to assess the retention of biological functionality upon extraction into a nanodisc. A series of alternating copolymers of maleic acid and alpha-olefins is developed, and the effect of the alkyl substituent on amphiphilicity and on the ability to extract membrane proteins is evaluated. The copolymer that contains 1-heptene as the alpha-olefin shows promising results in the isolation of GPCRs.

Supervisor: Prof L Klumperman

Co-supervisor: Prof M Wheatley (*external*)

NDLOVU, Petronella Zabesuthu (Polymer Science)

Identifying structural defects in end-chain functionalised polyolefins and copolymers from chain-walking polymerisation

This study develops and characterises advanced polyolefin-based block and graft copolymers for applications in drug delivery, imaging and nanotechnology. Complex branched polymers were synthesised by means of chain-walking and ring-opening polymerisation. Comprehensive analysis was carried out using multi-detector size exclusion and interaction chromatography, allowing detailed insight into molar mass, branching and chemical composition. Two-dimensional chromatography techniques provided a deeper understanding of the fidelity and precision of synthesis. High-resolution separations at both room and high temperatures revealed clear correlations between molecular architecture and functional performance, laying the groundwork for improved materials in pharmaceutical, industrial and nanostructured applications.

Supervisor: Prof A Lederer

PIETERS, Janca (Microbiology)

A voyage to finding unculturable *Acidobacteriota* from fynbos and arid regions in South Africa

Acidobacteriota are widespread and abundant in soil, but remain undercharacterised due to cultivation challenges. This study explores their diversity in South Africa's Nama Karoo and Cape Floristic Region (CFR), using sequencing and isolation techniques. In the Nama Karoo, *Acidobacteriota* show variable abundances and subdivision patterns driven by local abiotic factors, while co-occurrence with other phyla hints at potential ecological interactions. In the CFR, higher diversity is observed, including newly reported subdivisions. A novel genus, *Dedyshia*, is isolated and genomically profiled, revealing adaptations for survival in nutrient-poor soils. These findings expand our understanding of *Acidobacteriota*'s role in semi-arid and fynbos ecosystems.

Supervisor: Prof K Jacobs

Co-supervisor: Dr T Ter Haar

POONGAVANAN, Jenicca (Bioinformatics and Computational Biology)

Modelling global arbovirus disease ecology, transmission and importation risks

Arboviruses pose a significant risk to global health. This study developed models to improve arboviral risk prediction where surveillance is sparse. First, an importation framework integrated air travel, transmission suitability and population density to pinpoint African regions at highest dengue introduction risk. Second, a disaggregation-regression model predicted fine-scale dengue incidence in Africa, validated against indicators such as national reports. Third, systematic tests of pseudo-absence strategies improve ecological niche modelling for Oropouche virus (OROV), mapping the virus and its vector co-suitability. Finally, phylogeographic analyses revealed OROV dispersal corridors in Brazil. Collectively, these outputs deliver actionable maps, methods and guidance for early warning and control response.

Supervisor: Prof T de Oliveira

Co-supervisor: Dr H Tegally

SCHUIN, Janine (Microbiology)

Understanding the role of phytopathogens in the mycobiome of blueberry-foraging Western Cape honeybees (*Apis mellifera capensis*)

This study examines the ecological and physiological interactions between honeybees (*Apis mellifera*) and fungi in the Western Cape blueberry agroecosystems. Through meta-analysis, fieldwork and laboratory experiments, it identifies frequent associations between bees and the fungal phytopathogens *Botrytis cinerea* and *Cladosporium cladosporioides*. While traditionally viewed as harmful, these fungi may play dual roles – acting as both potential stressors and nutritional or immunological modulators. Findings show that bees' vector fungal spores exhibit behavioural preferences for spore-supplemented pollen and display altered gene expression upon fungal ingestion. This research highlights an underexplored bee–fungus relationship and supports integrative approaches to pollinator health and sustainable agriculture.

Supervisor: Prof K Jacobs

SIBANDA, David (Polymer Science)

Mesoporous carbon-ceramic hybrid materials for water treatment

This study develops nitrogen-doped porous carbon/TiO₂-CdS composite fibres, using high-molecular-weight PAN-b-PBA block copolymers via ATRP. Block copolymer templating provides control over fibre morphology, porosity and nanoparticle distribution. High-molecular-weight PAN is essential for spinnable nanofibre precursors, while low-molecular-weight analogues produce nanoparticles. Solution ageing increases fibre diameter and shifts structures from smooth-porous to rough-porous through intermolecular interactions. The resulting porous carbon nanofibres display high surface area, tuneable structure, and stability. Photocatalytic tests with methylene blue show enhanced degradation efficiency, charge separation and reusability compared to TiO₂ or carbon alone, highlighting the fibres' potential for scalable environmental remediation and hybrid material applications.

Supervisor: Prof PE Mallon

SMITH, Michael-Phillip (Polymer Science)

The revival of poly(styrene-co-maleic anhydride) – fundamental insights and novel applications

This study investigates the synthesis of poly(styrene-co-maleic anhydride) and some partially bioderived analogues. Under irradiation with blue light, styrene and maleic anhydride form diradicals that initiate polymerisation to produce an ultrahigh-molecular-weight alternating copolymer. Substitution of maleic anhydride by maleic acid leads to a copolymer with a much lower alternating tendency, and in a RAFT-mediated copolymerisation, non-alternating poly(styrene-co-maleic acid) with a narrow molecular weight distribution is obtained. When styrene is replaced by indene, or maleic anhydride by itaconic anhydride, partially bioderived alternating copolymers can be obtained. The research sheds light on the importance of the terminal monomer unit in end-group modification.

Supervisor: Prof L Klumperman

VAHRMEIJER, Nicola (Physiological Sciences)

On the characterisation of autophagy pathway intermediates (towards the development of an automated autophagy finder – AutoPhinder – to identify and segment autophagy intermediates)

Autophagy is implicated in neurodegenerative disease, impairing cells' ability to clear damaged proteins. Yet challenges remain to accurately quantify autophagy. This study characterises three main fluorescent probes for their ability to detect autophagy, using confocal, super-resolution and correlative light and electron microscopy (CLEM). CLEM is required to generate ground truth autophagy data. It is found that only GFP-LC3 reliably detects vesicle morphology and flux changes, while the other probes introduce a vesicle morphology, complicating quantification. Subsequently, a micro-SAM backbone is developed to successfully segment autophagy vacuoles in EM micrographs. This novel algorithm, AutoPhinder, achieves expert performance, offering a scalable framework for powerful quantitative autophagy analysis.

Supervisor: Prof B Loos

Co-supervisor: Prof CJ Kinnear

VAN ECK, Janke (Physiological Sciences)

Investigating the effect of chemotherapeutic agents doxorubicin and paclitaxel in combination with *Dodonaea viscosa* on breast cancer

This study investigates the therapeutic potential of combining *Dodonaea viscosa* extract with the chemotherapeutic agents doxorubicin and paclitaxel in breast cancer. Using malignant and non-malignant breast cell lines as well as a mouse tumour model, the combined treatments are found to enhance cytotoxicity against cancer cells, while sparing normal cells. The combination reduces cell migration and clonogenic survival, upregulates epithelial markers, downregulates mesenchymal markers, and increases DNA damage and apoptosis. In vivo, tumours exhibit reduced volume, slower growth, lower Ki-67 indices, and diminished epithelial-to-mesenchymal transition. These findings support the potential of *D. viscosa* to enhance chemotherapy efficacy and reduce toxicity in healthy tissues.

Supervisor: Prof A-M Engelbrecht

Co-supervisor: Dr C Kaschula

VAN HEERDEN, Elizka (Physiological Sciences)

The anti-cancer role of *Allium sativum* L. in combination with the chemotherapeutic agent 5-fluorouracil in colon cancer

This study follows a novel approach, combining garlic-derived compounds with the chemotherapy drug 5-fluorouracil (5-FU) to treat colorectal cancer. This strategy increases cancer cell death, while protecting healthy cells. Tumour growth, inflammation and cancer spread are significantly reduced. The treatment acts through key cellular pathways that regulate survival, transformation and ferroptosis, a specific form of cell death. By enhancing the impact of chemotherapy, the combination allows for lower drug doses and fewer side effects. The research demonstrates a promising route to improve patient outcomes and quality of life, offering a more targeted and tolerable cancer therapy that could complement existing treatment protocols.

Supervisor: Prof A-M Engelbrecht

Co-supervisor: Dr C Kaschula

Master of Science

Magister in die Natuurwetenskappe

Bekko, Adam (Biochemistry) (*cum laude*)
Dippenaar, Madelein (Genetics) (*cum laude*)
Engelsman, Craig Edgar David (Genetics) (*cum laude*)
Goodchild, Shannon (Genetics)
Lategan, Francois Adriaan (Bioinformatics and Computational Biology) (*cum laude*)
Le Roux, Andries Muller (Biochemistry)
Munsamy, Alison Sydelle (Biochemistry) (*cum laude*)
Naidoo, Lorensa (Bioinformatics and Computational Biology) (*cum laude*)
Reid, Jason Leslie (Biochemistry)
Siwela, Thandekile Nelly (Polymer Science)
Slabber, Johann (Biochemistry) (*cum laude*)
Wiese, Nina (Genetics) (*cum laude*)
Wilson, Julia Alice (Biochemistry) (*cum laude*)

Bachelor of Science Honours

Honneurs-Baccalaureus in die Natuurwetenskappe

Adams, Salih (Bioinformatics and Computational Biology) (*cum laude*)
Alpes, Shelby Kiara (Physiological Sciences) (*cum laude*)
Badenhorst, Denise Cecilia (Physiological Sciences) (*cum laude*)
Bakker, Garrick (Microbiology) (*cum laude*)
Barrett, Melissa (Polymer Science)
Bates, Madian (Physiological Sciences)
Bauer, Noah Gerard (Biochemistry) (*cum laude*)
Berger, Ingela (Genetics)
Bester, Johannes Paul (Biochemistry)
Bogatsu, Ayanda (Bioinformatics and Computational Biology) (*cum laude*)
Brett, Benjamin Tickner (Chemistry) (*cum laude*)
Broomfield, Cameron (Bioinformatics and Computational Biology) (*cum laude*)
Bruwer, Elmi (Genetics) (*cum laude*)
Bysshe, Amy Shelley (Microbiology) (*cum laude*)
Charles, Zach (Microbiology)
Classen, Meagan (Genetics)
Crawford, Cameron (Biochemistry)
Dalrymple-Hay, Emma Charlotte (Physiological Sciences) (*cum laude*)
De Bruyn, Zea (Bioinformatics and Computational Biology) (*cum laude*)
De Fondaumiére, Chloe (Biochemistry) (*cum laude*)
Delpont, Welmari (Microbiology) (*cum laude*)
Dlamini, Mluleki Lulama Muzi (Genetics)
Dowra, Sahil (Microbiology)
Du Plessis, Jessica (Physiological Sciences) (*cum laude*)
Esterhuizen, Skylah (Biochemistry)

Faul, John Richard (Chemistry)
Faure, Oliver (Biochemistry)
Freeborough, Leah-Jessica (Chemistry) (*cum laude*)
Gama, Palesa Jada (Chemistry)
Gordon, Andrea Zeta (Genetics)
Greeff, Dorothea Petronella (Polymer Science)
Hansen, Ryan (Chemistry)
Harvey, Jody Reid (Microbiology) (*cum laude*)
Heyns, Ruan Anfred (Biochemistry)
Hira, Khiara (Physiological Sciences) (*cum laude*)
Hoffman, Caitlin Andrea (Microbiology)
Janse van Rensburg, Lisa-Mari (Bioinformatics and Computational Biology) (*cum laude*)
Kenny, Haneefah (Microbiology)
Kilgour, Payton Marcelle (Physiological Sciences) (*cum laude*)
Kraus, Luke (Physiological Sciences) (*cum laude*)
Lakmeeharan, Amaya (Biochemistry) (*cum laude*)
Liebenberg, Minette (Physiological Sciences) (*cum laude*)
Loubser, Bea (Bioinformatics and Computational Biology) (*cum laude*)
Macingwane, Sikhokelo (Physiological Sciences)
Makwe, Nokukhanya (Physiological Sciences)
Mbuzi, Likhona (Biochemistry)
Meltz, Talia Sheina (Microbiology) (*cum laude*)
Meyer, Marli (Genetics)
Mgada, Sihlumile (Polymer Science)
Mohlala, Khomotso (Bioinformatics and Computational Biology) (*cum laude*)
Mohlomi, Kekeletso Shanel (Physiological Sciences)
Moodliar, Yvania (Physiological Sciences)
Mookisi, Matlhogonolo Rapelang (Microbiology)
Moolla, Laa'iqah (Microbiology)
Mouton, Christian Jacques (Chemistry)
Munford, Daniella (Chemistry)
Naidoo, Kiara (Microbiology) (*cum laude*)
Naude, Mia (Microbiology)
Neethling, Carla Helena (Physiological Sciences) (*cum laude*)
Ngwenya, Palesa Engreed (Bioinformatics and Computational Biology) (*cum laude*)
Nkiwane, Nokuzotha Nicole (Bioinformatics and Computational Biology) (*cum laude*)
Nortjé, Etresia-Marié (Genetics)
Ntsoele, Kgotsa Thabo (Chemistry)
Osman, Zainab (Biochemistry)
Panteleeva, Alexandra (Chemistry)
Pattison, Hayley Michelle (Chemistry) (*cum laude*)
Pedro, Connor O'Neill (Genetics)
Pereira Guerreiro, Carlos Miguel (Physiological Sciences)
Peters, Alexander Thomas (Biochemistry)
Phoku, Samukelo Carven (Physiological Sciences)
Pillay, Trevolin (Bioinformatics and Computational Biology) (*cum laude*)

Pretorius, Heleen (Polymer Science)
 Rebel, Karlijn (Chemistry)
 Rohwer, Nicola Danielle (Chemistry) (*cum laude*)
 Rosant, Ashleigh (Physiological Sciences)
 Schefferlie, Jean-Carl Luc (Biochemistry)
 Sibisi, Nicole (Chemistry) (*cum laude*)
 Sparks, Kyle (Polymer Science)
 Stander, Lea (Physiological Sciences)
 Steenekamp, Micaela (Genetics)
 Strike-Nakar, Noa Raphael (Chemistry) (*cum laude*)
 Sungay, Suleiman (Biochemistry)
 Swanepoel, Lurize (Chemistry) (*cum laude*)
 Swart, Luan Tristum (Biochemistry)
 Theron, Clarise (Chemistry)
 Tredoux, Ingrid (Physiological Sciences)
 Turner, Saige Ann (Chemistry)
 Twana, Lwethu (Physiological Sciences)
 Van der Merwe, Herman Emil (Physiological Sciences) (*cum laude*)
 Van der Merwe, Milla (Biochemistry) (*cum laude*)
 Van Dyk, Joané (Genetics)
 Van Niekerk, Dihan (Physiological Sciences)
 Van Niekerk, K'Mari (Genetics)
 Van Zyl, Chantené (Chemistry)
 Vercueil, Adrienne (Chemistry)
 Viljoen, Juan Stephan (Genetics)
 Waters, Courtney Joy (Chemistry) (*cum laude*)
 Whitehead, Carey (Physiological Sciences) (*cum laude*)
 Whitfield, Tarryn Heather (Polymer Science)
 Yuan, Cheng-Chi (Chemistry) (*cum laude*)
 Zeelie, Marné (Physiological Sciences) (*cum laude*)

Bachelor of Science

Baccalaureus in die Natuurwetenskappe

Adam, Sanya Farheen Anis
 Adams, Eddelawe Maelona
 Addo-Bediako, Yaa Fosuhemaa
 Adriaan, Zoe Suzette
 Allen, Hayley
 Allie, Jehaan
 Anderson, Abby Joy
 Angyalossy, Gisele
 Ashtiker, Muhamed Zuhayr
 Atmore, Shannon Hayley Kira
 Averia, Kai
 Bakkes, Anna-Mart (*cum laude*)
 Bam, Athini Anderson
 Barnard, Louis Henre (*cum laude*)
 Barry, Cassidy Lauren
 Becker, Kayla Marié
 Bernardo, Quinique
 Bester, Stephan (*cum laude*)
 Beyers, Cornelia Maria
 Bhayi, Siphosethu Gcobisa
 Bishop, Megan
 Boloka, Kholofelo
 Booyesen, Robyn Erin
 Bosch, Kerryn Jessica
 Botha, Marelle Annalet (*cum laude*)
 Bove, Mila

Bown, Aimée
 Bredevelde, Neena
 Briggs, Jemma Ruth
 Brown, Jessica Kirsten
 Bunch, Joshua Paul
 Carnie, Demi
 Carr, Chloe Catherine
 Ceruti, Micaela Caetano
 Chego, Ntokozo Lethabo
 Cheng, Shi-Ann
 Chettoa, Michael Gene
 Cloete, Arshad
 Cockcroft, Jessica Patricia Joy
 Coetzee, Anneke
 Coetzee, Leandré
 Cohen, Zoe (*cum laude*)
 Conradie, Nola
 Cooper, Matilda
 Cress-Williams, Annika Elize
 Cunney, Bronagh Faye
 Curlewis, Jane
 Daniels, Tyla Mari
 De Beer, Bianca
 De Klerk, Carolize Amor
 De Klerk, Izelle
 De Villiers, Fia May
 De Villiers, Trinity Chi
 De Wet, Jeanine
 De Wet, Jo-Ann
 De Wet, Marne Anchen
 De Wilde, Roche
 De Wit, Shayna Storm
 Delport, Karla
 Diedericks, Lazlen Mandy
 Dlanjwa, Ave Kuhle Siyamthanda
 Du Plooy, Damian
 Du Toit, Grace
 Du Toit, Inilé
 Du Venage, Abraham Nicolaas
 Ducharme, George Ernest
 Duggan, Catherine Anne
 Dykes, Saskia Leigh
 Eibl, Hannah Kristen
 Ellis, Joshua Allan
 Else, Jacquelyne
 Els, Leo (*cum laude*)
 Engelbrecht, Charlie
 Evans, Naomi
 Factor, Mila (*cum laude*)
 Farrell, Kirsten Louise
 Ferreira, Jenna
 Florenca, Hannah
 Fourie, Jana
 Fourie, Tiani
 Gabrielse, Megan Eleanor
 Gamiet, Ebraheem
 Gaylard-Ralfe, Alexandria Jeanne
 Gee, Bernhard William
 Geldenhuys, Leah Mckenzy
 Goosen, Stella Isabelle
 Gouveia, Danielle
 Govender, Olena

Hamilton, Amy
 Hansen, Tayla
 Harding, Jacques Ashton
 Harmse, Johannes Jacobus
 Harmse, Lize-Mari
 Harris, Jonathan Rex
 Harvey, Cole
 Hassam, Muhammed
 Hatton, Megan
 Haupt, Nathan Christopher (*cum laude*)
 Henen, Lily Isabella
 Henney, Wayland
 Henning, Ryan Pieter (*cum laude*)
 Hensman, Georgina
 Hewer, Hannah Grace
 Hobbs, Jordan
 Ismail, Nabeelah
 Jacobs, Gabriella Amor
 Janda, Sinovuyo
 Janse van Rensburg, Madri
 Jelenovic, Fedora Sophie
 Jenkins, Ruby Lee
 Jones, Sarah Elizabeth
 Jonker, Brandon
 Jordaan, Camryn (*cum laude*)
 Joubert, Clarissa Christabelle (*cum laude*)
 Kelly, Samantha Grace
 Kholoza, Andile
 Kim, Seoeun
 Klement, Tamlin
 Kleynhaüs, Elsché Watt
 Klue, Maegan
 Knibbs, Isabella Tayla Rose
 Knight, Jessica (*cum laude*)
 Komeheke, Dandelion
 Kotyi, Pretty
 Krige, Kendall Roslyn (*cum laude*)
 Kruger, Ruby-Lyn (*cum laude*)
 Kuzamuni, Keren Kinzwemi (*cum laude*)
 Lackay, Caitlin Sybil
 Laubscher, Helena Wendy
 Le Roux, Abigail Jane
 Le Roux, Danielle
 Le Roux, Jeanne Michelle
 Lekcharoensuk, Tamtawan
 Liebenberg, Olivia
 Lieberman, Adam Michael
 Lotriet, Werner Johannes
 Lotter, Wouter Adriaan
 Loughor-Clarke, Hannah Rose
 Louw, Jemma Ann
 Louw, Rebecca
 Lubbe, Dané
 Luyt, Talyah
 Mahommed, Husnaa
 Marais, Anja
 Marx, Iane
 Masinga, Nkateko Mpumelelo
 Mawanga, Thapelo Elvis
 McKenzie, Jael
 Meth, Ashley
 Moodley, Keranya (*cum laude*)

Moodley, Samishka
 Mothapo, Mmamalao Rechel
 Mudge, Rachel Angelique
 Muir, Emma
 Muller, Ninke Helena
 Mutombo-Mukangwa, Manela
 Nadauld, Kayla (*cum laude*)
 Naude, Elize
 Ndhlovu, Geraldine Nonhlanhla
 Nel, Emma
 Nel, Tania
 Nesenberend, Twané
 Ngobeni, Tinyiko Elijah
 Ngoma Mouele, Jolia Marphy
 Nicholas, Shanice Leandre
 Nortje, Derik
 Norval, Richele
 Nxeketo, Anelisa
 Nyazika, Natalie Rutendo
 Okkers, Carla
 Olivier, Dylan James
 Olivier, Hannah Madeleine
 Oosthuizen, Kyra
 Oosthuizen, Suné
 Pace, Jack Davenport
 Peters, Raeaz
 Petro, Junaide Jerenique
 Phillips, Alexa Lauren
 Pieters, Jorica
 Pillay, Hirasha
 Pinkoane, Karabelo
 Pinkoane, Karabo Thato
 Pistorius, Mia
 Potgieter, Louis Jacobus
 Poulter, Mia Francesca (*cum laude*)
 Powell, Cassidy Blythe
 Power, Stephanie
 Pretorius, Cara
 Raath, Raine Roedolf
 Rainier-Pope, Robyn
 Ramgobin, Shweta
 Reynolds, Gizela
 Richardson, Arwen Michel
 Richardson, Joshua
 Richards, Sarah Jessica
 Robberts, Netanya
 Robb-Quinlan, Isabella
 Samodien, Mishka
 Sayo, Sive Sibulele
 Scholz, Emily Paige (*cum laude*)
 Schwegmann, Jenna Dawn
 Scriven, Rupert Morne
 Seedat, Maryam
 Seikaneng, Tirelo
 Seynhaeve, Julie Marieke Danielle
 Shange, Qiniso
 Shango, Khumo Mapodu
 Shearer, Simon
 Sibeko, Nompumelelo Success
 Sirin, Tessa Amy
 Slabber, Milla
 Slabbert, Dorothy

Smit, Teagan
Solomons, Kaden
Stadler, Josie (*cum laude*)
Steenkamp, Monet
Stewardson, Tatum Jessica
Steyn, Clara-Cristen
Subjee, Hannah Jayne
Subriel Pillay, Kuvashnee
Swanepoel, Franco Johann
Swart, Hildred
Tagg, Kayla
Taljaard, Megan
Talliard, Meca Paulla
Teixeira, Heather Jorgina
Thomas, Tristan
Toussaint, Sebastien Michel Daniel
Truman, Ciara Lee
Ungerer, Erin Rose
Unwin, Annabel Florence
Van Beek, Erich
Van Biljon, Cara
Van den Berg, Nadia
Van der Merwe, Francina Johanna
Van der Sandt, Emma-Louise
Van der Walt, Janneke (*cum laude*)

Van der Westhuizen, Izelma
Van der Westhuizen, Willem Morkel
Van Niekerk, Frederik Christoffel
Van Rensburg, Michael Karl
Van Wyk, Lindi
Van Zyl, Henning
Vanniething, Stache
Vece, Hlumelo
Venter, Jane
Venter, Megan Dominique (*cum laude*)
Vermeulen, Alisia
Vermeulen, Jane
visser, Amelie
Vlok, Kara Hilda
Von Schaeffer, Liam
Warner, Jaimee
Webb, Katherine
Wessels, Susan Trudie
Weyers, Ellen
Williams, Andrea Jane
Williams, Dillon
Williams, Imraan
Wolfaardt, Lisa
Wolfaardt, Sian
Wreyford, Aimee

FACULTY OF SCIENCE FAKULTEIT NATUURWETENSKAPPE

Jacob Leendert Snoep

Prof Jacky Snoep, SACEMA-SARChI Chair in Mechanistic Modelling since 2013, is internationally acclaimed for pioneering interdisciplinary research in systems biology. He established a curated database of over 700 mechanistic mathematical models, which has become a vital resource. With 66 postgraduate students graduated and 18 currently under his guidance, his mentorship is exceptional. His work, cited over 12 500 times (H-index 51), bridges mathematics, biology and medicine. In 2023, he co-convened the Nobel Symposium in Chemistry at STIAS, further affirming his global impact. Prof Snoep's contributions to biotechnology and bioinformatics continue to shape scientific understanding and innovation across disciplines.

Prof Jacky Snoep, bekleër van die SACEMA-SARChI-leerstool in Meganistiese Modelling sedert 2013, word internasionaal erken vir baanbrekerswerk in interdisiplinêre navorsing in sisteembioëgie. Hy het 'n databasis met meer as 700 meganistiese wiskundige modelle opgestel, wat 'n noodsaaklike hulpbron geword het. Die 66 nagraadse studente wat reeds onder sy studieleiding gegradueer het en die 18 wat tans nog studeer, toon dat sy mentorskap uitsonderlik is. Sy werk, wat al meer as 12 500 keer aangehaal is (H-indeks 51), verbind wiskunde, biologie en geneeskunde. In 2023 was hy die medesameroeper van die Nobel Simposium in Chemie by STIAS, wat sy wêreldwye impak verder verstewig het. Prof Snoep se bydraes tot biotegnologie en bioinformatika rig steeds wetenskaplike begrip en innovasie oor dissiplines heen.

Faculty of Science (Group 2)

9 December 2025 | 17:00

Fakulteit Natuurwetenskappe (Groep 2)

9 Desember 2025 | 17:00



Programme

<i>Please stand</i>	1. Entrance of academic procession into the hall.
<i>Please stand</i>	2. Playing of the National Anthem.
<i>Please sit</i>	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. Introduction of the candidate for the Chancellor's Award and presentation of the award by the Deputy Vice-Chancellor.
	7. Closing by the Deputy Vice-Chancellor.
<i>Please stand</i>	8. The academic procession leaves the stage.

Program

<i>Staan asseblief</i>	1. Akademiese prosesie kom die saal binne.
<i>Staan asseblief</i>	2. Speel van die Nasionale Lied.
<i>Sit asseblief</i>	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. Voorstelling van die kandidaat vir die Kanselierstoekenning en oorhandiging van die toekenning deur die Viserektor.
	7. Sluiting deur die Viserektor.
<i>Staan asseblief</i>	8. Akademiese prosesie verlaat die verhoog.

DOCTOR OF SCIENCE | DOKTOR IN DIE NATUURWETENSKAPPE

SCHOLTZ, Frederik George (Physics)

Quantum mechanics on noncommutative spaces

This study reviews and develops quantum mechanics on non-commutative spaces, with the emphasis on two and three-dimensional spaces. The consequences of non-commutativity resulting from three-dimensional fuzzy space are investigated in detail at both the quantum and classical levels, with a particular emphasis on the quantum-to-classical transition. The research shows that Lorentz symmetry is an emerging phenomenon on three-dimensional fuzzy space. Many new questions arise, the answers to which could lead to a better understanding of quantum gravity.

Supervisor: Prof KK Müller-Nedebock

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

BARKER, Cassandra (Zoology)

The diversity and evolutionary relationships of *Mariobezziinae* (Diptera: Bombyliidae) in South Africa

This study addresses the taxonomic impediment in the *Mariobezziinae*, a group of keystone bee fly pollinators in the Cape. The legitimacy of the existing genera is confirmed, and a new genus to science is discovered. Species delimitation, integrating molecular and morphological data, provides a foundation for taxonomic revisions of two genera, as well as the development of identification tools. Genomic sequencing shows that the group likely evolved in the Cape in the Eocene, before transitioning northwards into Asia. The research represents an important contribution to the limited understanding of insect evolution and systematics in the Cape.

Supervisor: Prof AG Ellis

Co-supervisor: Dr K Jordaens (*external*)

DU TOIT, Nadine (Physics)

Network dynamics of cytoskeleton: chains with cross-linking

Cross-linked polymer networks have rich mechanical properties that underpin a wide range of biological functions in cytoskeleton and technological applications. This study develops a field theoretical formalism for modelling such microscopic cross-linking constraints and their effects on the collective dynamics of polymer solutions. Gaussian fields introduce spatiotemporal constraints, while accounting for all possible configurations in which these constraints can be satisfied. This is applied to a two-species polymer solution with reversible cross-linking, where dynamic structure factors are computed analytically. Molecular dynamics simulations of a comparable system complement the analytical results, incorporating reversible cross-linking and computing dynamic structure factors for direct comparison.

Supervisor: Prof KK Müller-Nedebock

Co-supervisors: Profs G Pellicane (*external*), B Loos

LEANDRO, Marcel (Earth Sciences)

Petrogenesis of Mesoarchean high-K rocks in the Kaapvaal Craton: Investigating the Boesmanskop Alkaline Complex and Salisbury Kop batholith

The Boesmanskop Alkaline Complex syenites in Mpumalanga represent Earth's oldest syenites, having crystallised approximately 3,1 billion years ago. This study established that the syenites formed as cumulates by low-pressure fractionation of alkali feldspar from crustally-derived 'normal' granitic magmas.

Supervisor: Prof G Stevens

Co-supervisor: Prof A Kisters

RAMALEPE, Thapelo (Earth Sciences)

The manganese cycle in the Southern Ocean: The role of physical supply mechanisms and external sources

This study investigates manganese cycling in the Southern Ocean, using large observational datasets from multiple research cruises, together with biogeochemical model experiments. Winter mixing and diapycnal diffusion are identified as the dominant processes supplying dissolved manganese to surface waters, contributing over 90% of the supply. Comparisons with phytoplankton requirements show that this supply is generally sufficient, except in subtropical waters. A basin-wide synthesis reveals regional differences in the balance between iron and manganese, with areas of potential co-limitation. Model experiments highlight sediments from continental margins as the main external manganese source, supporting phytoplankton growth and carbon export across the Southern Ocean.

Supervisor: Dr TJ Ryan-Keogh (*external*)

Co-supervisor: Prof AN Roychoudhury

SHUMBA, Sandura (Applied Mathematics)

Multimodal automated major depressive disorder detection

This research proposes a patient-centric multimodal deep learning model for detecting major depressive disorder, using EEG-derived generalised partial directed coherence images and audio-derived log mel-spectrograms. The model consists of two modality-specific encoders enhanced with convolutional block attention modules, and incorporates a cross-modal attention mechanism to integrate complementary information from both modalities. The study employs a patient-centric data splitting strategy to ensure complete participant separation and preserve cross-modal correlations. This mitigates the risk of data leakage and supports more reliable generalisation. By effectively capturing spatial and channel-level patterns, the model enables more accurate and personalised depression detection aligned with individual patient characteristics.

Supervisor: Dr J Coetzer

Faculty of Science (Group 2) | Fakulteit Natuurwetenskappe (Groep 2)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Science

Magister in die Natuurwetenskappe

Aderinkola, David Adegboyega (Mathematical Sciences) (<i>cum laude</i>)	Masha, Tabitha Mwikali (Mathematical Sciences) (<i>cum laude</i>)
Agbegnaglo, Koffi Benjamin (Mathematical Sciences)	Meyer, Willem (Physics) (<i>cum laude</i>)
Amanor, Isaac Odoom (Mathematical Sciences) (<i>cum laude</i>)	Mohammed Ahmed, Ahmed Rashid Abdelhadi (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)
Anjara Rakotondranisa, Onintsoa (Mathematical Sciences) (<i>cum laude</i>)	Mostert, Hanu (Geo-informatics) (<i>cum laude</i>)
Ansah, Benedicta (Mathematical Sciences)	Mugabe, Victor Farai (Earth Sciences) (<i>cum laude</i>)
Asare, Dorcas (Applied Mathematics)	Namwenje, Abdalah Issa (Mathematical Sciences) (<i>cum laude</i>)
Be, Zephрина Aniska (Mathematical Sciences) (<i>cum laude</i>)	Newyear, Mercy (Mathematical Sciences) (<i>cum laude</i>)
Boluwajoko, Anjoreoluwa Elizabeth (Mathematical Sciences)	Ngubo, Nokwazi Zanele (Geo-informatics) (<i>cum laude</i>)
Breedt, Janco Titan (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)	Osman, Arwa (Mathematical Sciences) (<i>cum laude</i>)
Buchanan, Kayla (Earth Sciences) (<i>cum laude</i>)	Perry, Keegan (Computer Science) (<i>cum laude</i>)
Chirchir, Ruth Jepkorir (Mathematical Sciences)	Pieterse, Jacques (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)
Cloete, Daniël Willem Hendrik (Applied Mathematics) (<i>cum laude</i>)	Pizina, Cedric (Mathematical Sciences) (<i>cum laude</i>)
Coetzee, Tebogo Hendrik (Machine Learning and Artificial Intelligence)	Quee, Clinton Paye (Mathematical Sciences) (<i>cum laude</i>)
Dankyi, Ophelia (Mathematical Sciences) (<i>cum laude</i>)	Rafidimanantsoa, Dinaniaina Florence (Mathematical Sciences) (<i>cum laude</i>)
Edward, George (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)	Raharijaona, Mamelaso Maria (Mathematical Sciences) (<i>cum laude</i>)
Ehlers, Michelle (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)	Rajaofera, Toky Iriana (Mathematical Sciences)
Engelbrecht, Tiaan Johan (Botany) (<i>cum laude</i>)	Rakotondrasoa, Ando Harilala Daniel (Mathematical Sciences)
Fanevasoa, Nafarandrainy Christian (Mathematical Sciences) (<i>cum laude</i>)	Rakotonirainy, Maharavosoaniaina Mari-Mar (Mathematical Sciences)
Farge, Dylan Richard (Computer Science) (<i>cum laude</i>)	Ramsay, Erin Kate (Botany) (<i>cum laude</i>)
Gwinji, Rumbidzai Michelle (Mathematical Sciences) (<i>cum laude</i>)	Randriamanampisoa, Alphonse (Mathematical Sciences)
Harinasandratra, Lahatra Fitiavana (Mathematical Sciences) (<i>cum laude</i>)	Randriatsitoaina, Sebastien Flavien (Mathematical Sciences)
Hayward, Lauren (Computer Science) (<i>cum laude</i>)	Rasoarivelo, Lantoniaina Lycie (Mathematical Sciences)
Ikebuife, Uchenna Valentine (Mathematical Sciences) (<i>cum laude</i>)	Rasolofohery, Milanto Ferdinand (Applied Mathematics)
Jones, Olivia Emma (Botany)	Ray, Isabel Fredrika (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)
Jonker, Stephanus (Physics)	Roux, Eniele Marais (Zoology)
Joseph, Leon Liju (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)	Salman, Azile (Applied Mathematics) (<i>cum laude</i>)
Kabeya, Furaha (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)	Sander, Nicholas Jan (Mathematics) (<i>cum laude</i>)
Kerario, Ronald Mwita (Mathematical Sciences)	Schulenburg, Suzette (Computer Science)
Kihia Mahinda, Susana Wachia (Zoology)	Sitofile, Miranda (Earth Sciences)
Kimani, Josiah Kiarie (Mathematical Sciences) (<i>cum laude</i>)	Swanevelder, Dewald Jacobus (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)
Makori, Wycliffe Miyogo (Mathematical Sciences)	Van den Berg, Matthew Shane (Applied Mathematics)
Mangwaya, Langton Tapiwanashe (Earth Sciences) (<i>cum laude</i>)	Van Niekerk, Adri Marita (Zoology)
Marais, Rowin Pires (Earth Sciences)	Van Velden, Rocco Joubert (Applied Mathematics) (<i>cum laude</i>)
	Vergeest, Karen Sigrid (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)
	Vundla, Nonkoliso Thobeka (Mathematical Sciences)
	Whales, Joseph Alistair (Machine Learning and Artificial Intelligence) (<i>cum laude</i>)
	Xelibokwe, Gift Katlego (Mathematical Sciences)
	Zvada, Donald (Mathematical Sciences)

Bachelor of Science Honours
Honneurs-Baccalaureus in die Natuurwetenskappe

Abid, Adam (Computer Science)
 Anandray, Reah (Geo-informatics) (*cum laude*)
 Barnard, Timo Johan (Computer Science)
 Bennett, Jemma (Mathematics)
 Benning, Taura Olivia (Plant Biotechnology) (*cum laude*)
 Bienvenue, Tristan Paul (Biodiversity and Ecology)
 Bodley, Megan Lynn (Computer Science)
 Bonthuys, Michael (Computer Science)
 Bosma, Ruben Paul (Computer Science) (*cum laude*)
 Bossé, Alex (Geo-informatics)
 Bossert, Alex (Computer Science) (*cum laude*)
 Bower, Hendrickus Johannes (Computer Science) (*cum laude*)
 Buckland, Ivan (Computer Science) (*cum laude*)
 Burger, Richard (Computer Science) (*cum laude*)
 Burgess, Declan John (Plant Biotechnology)
 Cane, Jason (Biodiversity and Ecology)
 Carolissen, Ayden Thomas (Earth Sciences)
 Chetty, Cizario (Plant Biotechnology)
 Coetzee, Thomas (Geo-informatics)
 Crous, Adrian Theo Francois (Physics)
 Cundill, Leigh-Anne (Plant Biotechnology)
 Davids, Bradley Brain (Geo-informatics)
 Davids, Natheerah (Biodiversity and Ecology)
 De Goede, Mia (Plant Biotechnology) (*cum laude*)
 De Jager, Nick (Plant Biotechnology)
 De Lange, Reyana Adriaan (Computer Science) (*cum laude*)
 De Ruyter, Ludwig Marinus (Computer Science) (*cum laude*)
 De Villiers, Luc (Earth Sciences)
 Deolekar, Khushi (Applied Mathematics)
 Donald, Jonathan (Computer Science) (*cum laude*)
 Doorman, Amy Jillian (Biodiversity and Ecology) (*cum laude*)
 Dreyer, Emile (Computer Science) (*cum laude*)
 Du Preez, Jean-Pierre (Computer Science)
 Du Toit, David Jacobus (Earth Sciences)
 Engelbrecht, Daniel (Biodiversity and Ecology)
 Erasmus, McKayla (Biodiversity and Ecology)
 Evans, Jade Nicole (Plant Biotechnology)
 Ferreira, Dominique Jayde (Computer Science) (*cum laude*)
 Ferreira, Willem Van der Walt (Applied Mathematics)
 Francis, Kelvin (Biodiversity and Ecology)
 Gerber, Ella (Applied Mathematics)
 Gosnell, Oliver James (Mathematics) (*cum laude*)
 Govender, Tasheel (Computer Science)
 Gradner, Adam (Computer Science) (*cum laude*)
 Green, Laura (Applied Mathematics) (*cum laude*)
 Grobbelaar, Karlo Anton (Physics) (*cum laude*)
 Harvey, Sean (Earth Sciences)
 Havemann, Erin May (Applied Mathematics) (*cum laude*)
 Hill, Christopher (Computer Science) (*cum laude*)
 Holmes, Amanda (Applied Mathematics)
 Jacobs, Lara Emily (Computer Science)
 James, Aule Kieron (Geo-informatics)
 Jefferys, Raelyn (Applied Mathematics) (*cum laude*)
 Jenner, Dillon Thomas (Computer Science) (*cum laude*)
 Johnson, Hugo Emil Jellinek (Earth Sciences)
 Katzenberg, Damien Lewis (Computer Science) (*cum laude*)
 Kemp, Margaux Darwin (Applied Mathematics) (*cum laude*)
 Khot, Asil (Plant Biotechnology)
 Kirby, Dylan Trevor (Computer Science) (*cum laude*)
 Kuzamunu, Glodi Mazandu (Computer Science)
 Lala, Zirna (Geo-informatics)
 Le Roux, Izak (Biodiversity and Ecology)
 Lind, Sarah (Plant Biotechnology)
 Loedolff, Regardt (Geo-informatics)
 Loubser, Nicole (Computer Science) (*cum laude*)
 Lourens, Gary Maximilian Raney (Biodiversity and Ecology)
 Louw, Kyle Jacques (Earth Sciences)
 Lutchman, Saiusha Alka (Mathematics)
 Mabelane, Kgwadimabushi Sinconor (Computer Science) (*cum laude*)
 Madangure, Kyle Brandon (Computer Science)
 Matherbe, Josie (Applied Mathematics) (*cum laude*)
 Mamba, Nonopha Avela (Geo-informatics)
 Marais, William (Computer Science) (*cum laude*)
 Marcus, Shannon-Lee Bianca (Earth Sciences)
 Marlor, Matthew Christian (Physics)
 Marx, Dylan (Computer Science) (*cum laude*)
 Mashedi, Lerato (Earth Sciences)
 McKay, Alexander (Applied Mathematics)
 Meiring, Jessica Jayne (Biodiversity and Ecology)
 Meyer, Iliya (Physics)
 Meyer, Mia (Applied Mathematics) (*cum laude*)
 Miya, Sanelisiwe Sinqobile (Applied Mathematics)
 Mkhize, Zukisa (Applied Mathematics)
 Monnakgotla, Nkosikhona (Physics)
 Moshi, Mankaleme (Physics)
 Mostert, Rian (Computer Science) (*cum laude*)
 Muller, Kerri Lara (Computer Science) (*cum laude*)
 Munesamy, Tamara (Biodiversity and Ecology)
 Naidoo, Davryn (Mathematics)
 Naidoo, Mishaylin Tristan (Plant Biotechnology)
 Ndawonde, Luyanda Sthandile (Geo-informatics)
 Nel, Jean-Luc (Computer Science)
 Nkala, Nicole Khanyile (Geo-informatics)
 Olivier, Ian (Plant Biotechnology) (*cum laude*)
 Paton, Ethan (Plant Biotechnology) (*cum laude*)
 Pereira, Rachel Georgia (Applied Mathematics) (*cum laude*)
 Porcill, Kerry Jean (Mathematics) (*cum laude*)
 Powell, Jordan (Earth Sciences)
 Prinsloo, Anton (Earth Sciences) (*cum laude*)
 Rall, Alexander (Computer Science)
 Reid, Daniel Robert (Computer Science) (*cum laude*)
 Retief, Daniel Johannes (Biodiversity and Ecology)
 Salman, Azile (Applied Mathematics)
 Scherzer, Nathan Daniel (Earth Sciences)
 Schmid, Marcus (Physics) (*cum laude*)
 Schwartz, Rone (Plant Biotechnology) (*cum laude*)
 Sinclair, David Beaumont (Geo-informatics)
 Smargiasso, Olivia (Earth Sciences)
 Soni, Sanidhya (Computer Science) (*cum laude*)
 St Arnaud, Benjamin (Computer Science)

Steenekamp, Tiaan (Computer Science)
 Steenkamp, Chris Josh (Computer Science) (*cum laude*)
 Steyn, Bernhardt (Computer Science)
 Steyn, Karla (Biodiversity and Ecology) (*cum laude*)
 Theron, Francois (Applied Mathematics)
 Theron, Jàzelle (Earth Sciences)
 Thiart, Rico Carl (Earth Sciences)
 Tsabora, Melisah Kudzai (Earth Sciences)
 Van der Merwe, Henry (Computer Science) (*cum laude*)
 Van der Walt, Johannes Daniel (Earth Sciences)
 Van Wyk, Caitlynn (Earth Sciences) (*cum laude*)
 Van Wyk, Nerine Isabella (Biodiversity and Ecology) (*cum laude*)
 Van Zijl, Robyn Kay (Biodiversity and Ecology) (*cum laude*)
 Visagie, Schalk Willem (Computer Science)
 Visser, Mia (Mathematics)
 Walters, Matthys Wouter (Applied Mathematics)
 Wessels, Cornelius Jacobus (Applied Mathematics)
 Wessels, Richard (Computer Science)
 Westraad, Schalk (Computer Science) (*cum laude*)
 Whitehead, Byron Thomas (Plant Biotechnology)
 Woerner, Caroline Tracy (Biodiversity and Ecology)
 Woods, Michael (Physics)
 Yates, Luke William (Computer Science) (*cum laude*)

Bachelor of Data Science

Baccalaureus in Datawetenskap

Bloom, Joshua Abraham (*cum laude*)
 Booysen, Grant
 Buhr, Ruan Hermann (*cum laude*)
 De Jongh, Johan Hendrik
 De Kock, Charles De Villiers (*cum laude*)
 Delport, Hermanus Stephanus
 Genders, David
 Glass, Steven
 Holm, Matthew
 Kloppe, Christopher
 Kruger, Jaime Leigh
 Lombard, Nicholas Ryan
 Nicolay, David Timothy (*cum laude*)
 Matthee, Johannes Conrad
 Meniere, Sebastien
 Mössner, Kellen Travis (*cum laude*)
 Nicolay, David Timothy (*cum laude*)
 Rautenbach, Emma (*cum laude*)
 Steyn, Arlo Heinrich
 Van der Merwe, Andre Dirk
 Van Rossum, Ilanri

Bachelor of Science

Baccalaureus in die Natuurwetenskappe

Bartlett, Shannon
 Basson, Ella Sophia
 Basson, Jonathan
 Bekker, Klarissa Avone (*cum laude*)
 Benting, Jade Chloe
 Botha, Pierre
 Bouwer, Nikola

Bray, Sacha
 Brin, Keri
 Bronkhorst, Logan
 Brown, Lucy
 Buise, Asher Tevio
 Burger, Karla
 Cavernelis, Ashikah
 Chauke, Ofentse Success
 Chemaly, Joseph Anthony Myburgh (*cum laude*)
 Chukwuka, Chimdindu Ebelechukwu
 Cilliers, Tanya
 Cloete, Chris
 Conradie, Hildegard
 De Beer, Gordon (*cum laude*)
 De Jonge, Jacobus Cornelis (*cum laude*)
 De Kock, Franco (*cum laude*)
 De Neijs, Regan Edward
 De Villiers, Daan Jacobus
 De Villiers, Kyla
 De Waal, Ane Lochner
 Desai, Harsheel Amal
 Diedericks, Albert Gideon
 Downie, Jenna
 Du Preez, Christiaan Willem
 Du Preez, James Cal (*cum laude*)
 Durrheim, Jordan Gregory
 Elliott, Thomas Rosser Vanderlinden
 Engelbrecht, Anique
 Erasmus, Lourens Daniel
 Faile, Daniella (*cum laude*)
 Freiin von Wechmar, Karla (*cum laude*)
 Germishuys, Kristen (*cum laude*)
 Gouws, Chaldon
 Grasso, Isabella Rosaria
 Grieveson, Joshua Frank
 Haden-Tebb, Kyle
 Hayward, Holly
 Hearne, Andrew Joshua
 Heather, Lize
 Henrico, Tiaan
 Howard, Sarah-Ann
 Jansen van Rensburg, Zanee Zelda
 Joubert, Mikayhla
 Kgongwana, Kgolagano (*cum laude*)
 Kim, Dayeong
 Kleyn, Benjamin Frederick
 Krynauw, Renska (*cum laude*)
 Le Roux, Cara Andrea
 Louw, Mikhail Marcellino
 Macpherson, Ella Frances
 Mahobe, Zizipho
 Malambo, Aimee Leigh
 Marx, Julia Lauren
 Mc Ginley, Teagan
 McLagan, Ashley Molly
 Mhlongo, Sphephelo
 Mitchell, Megan
 Millar, Robbie Clive
 Minkley, Teagan Rebecca
 Mitchley, Graydon James
 Moagi, Ofentse Nqobile

Moller, Zelmari (*cum laude*)
 Moors, Raphaëlle Sophie Bernadette Marie
 Morkel, Caitlyn Melissa
 Moss, Charlotte Frieda (*cum laude*)
 Mouton, Ben Colyn
 Naidoo, Dashlin
 Noyce, Rachel Emma
 Nunez, Mia Sarah
 Oelofse, Shonay
 Olivier, Chane
 Otter, Hans Albert
 Paruk, Naeem
 Pedersen, Lezer Daniel
 Perold, Nanet
 Pieterse, Emma
 Pillay, Nishlin
 Pirouz, Emile Nelson
 Pretorius, Marjohane
 Puckree, Keaton Hershlan
 Ralph, Amy Leigh
 Ramdhari, Kiandra Jaide
 Ridge, Sebastian Lee Fletcher (*cum laude*)
 Rielly, Pia Ciara Nell (*cum laude*)
 Ristow, Daniel Matthew
 Roberts, Ethan
 Roche, Rebecca Anne
 Rossouw, Caro (*cum laude*)
 Roux, Juliette (*cum laude*)
 Rudolph, Karli
 Ruffler, Florian
 Rusere, Karen Tariro
 Sandison, Tyron John
 Seager, Tiffany
 Smith, Dawn
 Smith, Jessica
 Smythe, Emma
 Spies, Isabella Granger
 Steyl, Andre (*cum laude*)
 Steyn, Emile
 Theron, Alana Clare
 Thamela, Abulele
 Tjempe, Kenneth Thabiso
 Truda, Fabiano (*cum laude*)
 Vally, Firdows
 Van der Merwe, Arno
 Van der Merwe, Helandi Louise (*cum laude*)
 Van der Riet, Maya
 Van Kan, Jessica
 Van Wyngaardt, Jhano
 Veldtman, Catriona Jane
 Venter, Helene
 Viljoen, Wian
 Voges, Johan-Hendrik
 Vrey, Lara
 Wesso, Matthew Neal

White, Megan
 Whittaker, Sabiya Anne
 Willemse, Anita
 Williams, Jessica
 Wright, Mia
 Wycomb, Alexandra

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

Alves Madeira E Silva, Pedro
 Aspoas, Kaylin
 Badendorst, Nicolas Benjamin
 Balogun, John Oluwasegun
 Bandarkar, Sulaiman
 Bennett, Katherine
 Bhana, Priyal
 Blanckenberg, Matthew William
 Bohmert, Eric Christopher
 Botha, Gideon Daniel
 Buckle, Aragon
 Burger, Emile Mervin
 Chowdhury, Noman Hossain
 Cottrell, Andrew
 De Beer, Elizabeth Mia
 De Bruin, Felix
 De Klerk, Emile
 De Villiers, Thomas
 Du Plessis, Francois
 Du Preez, Jobrie
 Du Toit, Pierre
 Fernandez, Thaakir
 Finsen, Jenna
 Folscher, Vera (*cum laude*)
 Gammon, Matthew David
 Gebers, Gregory Hermann
 Hamilton, Edward Llewellyn
 Hatch, Cameron James
 Herselman, Ruhan
 Hogan, Dylan Barclay
 Hoyle, Luke
 Le Roux, Tracey Leigh (*cum laude*)
 Lichen, Michaela
 Loubser, Philip Andre (*cum laude*)
 Mc Jarrow, Bailey
 McClintock, Morgan Reese
 Milne, James Duncan
 Moodley, Kiara Venetia
 Moolman, Johannes Willemse
 Mostert, Roelf
 Mvelase, Lungelo Mpumelelo
 Nathan, Corbin Andrew
 Neethling, Shalomé

Oosthuizen, Hendrik Johannes
Oosthuizen, Josef Emile
Pape, Marc
Petersen, Britton
Prinsloo, Hayley Claire
Reid, Dylan James (*cum laude*)
Retief, Petrus Johannes
Robinson, Chantal
Rossouw, Nicolas Jacobus Dewahl
Sanders, Kirsten
Schütz, Julian Ruben
Scott, Gabriella
Shelver, Logan Michael
Slabbert, Elizabeth Mari
Souchon, Jacques
Steffens, Luke George

Stemmet, Gerrit Petrus
Steyn, Marnich Jacques
Stuart, Matthew
Swarts, Dylan (*cum laude*)
Swartz, Michael (*cum laude*)
Tayler, Bryce Francis
Telfer, Caeden Joshua
Tocknell, Ryan Neil
Tredoux, Etienne (*cum laude*)
Van der Linde, Sias Johan
Van Huyssteen, Henri
Von Ludwig, Zander
Ward, Jordan Michael
Wilke, Jonathan Christopher

FACULTY OF SCIENCE FAKULTEIT NATUURWETENSKAPPE

Susana Clusella-Trullas

Prof Clusella-Trullas is a leading global change biologist whose research on ectotherms and climate change has earned international acclaim. With 96 publications – 75% in top-tier journals – and an h-index of 37, her scholarly impact is evident. She has supervised 34 postgraduate students and secured over R5,5 million in research funding. Her editorial roles, invited talks and collaborations reflect her global standing. As a B1 NRF-rated scientist and full professor, she is a role model in STEM, advancing science and mentorship. Her dynamic, transdisciplinary laboratory continues to shape ecological understanding and influence national and international policy.

Prof Clusella-Trullas is 'n toonaangewende globale-veranderingsbioloog wie se navorsing oor ektotermes en klimaatsverandering internasionale erkenning verwerf het. Haar 96 publikasies – 75% in topvaktjydskrifte – en h-index van 37 is 'n duidelike bewys van haar akademiese impak. Sy het reeds studieleiding aan 34 nagraadse studente gebied en meer as R5,5 miljoen in navorsingsbefondsing bekom. Haar redaksionele rolle, uitnodigings as gasspreker en samewerkingsvenootskappe weerspieël haar internasionale aansien. As 'n B1 NNS-gegradeerde wetenskaplike en in haar akademiese rol as vol professor is sy 'n rolmodel in STEM wat die natuurwetenskappe en mentorskap bevorder. Haar dinamiese, transdissiplinêre laboratorium help vorm begrip vir ekologiese kwessies wat nasionale en internasionale beleidmaking beïnvloed.

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.



Stellenbosch

UNIVERSITY
IYUNIVESITHI
UNIVERSITEIT

forward together
sonke siya phambili
saam vorentoe

Engage with us • Raak betrokke

Stellenbosch University Alumni

Graduating from university is a big step in your life's journey. Once you have obtained your degree, you form part of the alumni community and Stellenbosch University remains your intellectual home. The Alumni Relations Office believes the success of a university depends greatly on the participation of its alumni, therefore we strive to keep you connected to your alma mater long after the euphoria of obtaining your qualification/s has died down.

Om van 'n universiteit te gradueer is 'n groot stap in enigeen se lewensreis. Sodra jy jou graad verwerf het, vorm jy deel van die alumni-gemeenskap van jou universiteit en bly die Universiteit Stellenbosch jou intellektuele tuiste. Die Alumni-kantoor streef daarna om alumni met hul alma mater in verbinding te hou nog lank nadat die euforie van graadvang verby is.

Contact us

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Stellenbosch Alumni



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