



STELLENBOSCH
UNIVERSITY
IYUNIVESITHI
UNIVERSITEIT

Graduation Ceremonies

9 December
13:00 • 17:00

10 December
09:00 • 13:00 • 17:00

Gradeplegtighede

9 Desember
13:00 • 17:00

10 Desember
09:00 • 13:00 • 17:00

2024

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, eqakayo 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 yahlaziyi 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:





Retired Justice | Oudregter Edwin Cameron
Chancellor | Kanselier

Dear Stellenbosch University community,

As we celebrate the culmination of this academic journey, I am filled with immense pride in our graduands. Your achievements reflect perseverance, intellect, and the power of community support.

Today, you join a worldwide network of Stellenbosch alumni who are shaping the future across South Africa and the world. Your success is not only a personal milestone but a testament to the collective effort of your peers, lecturers, families, and friends who supported you along the way.

Remember, with your new qualification comes the opportunity – and responsibility – to contribute to the progress of our community and beyond. I know you will embrace this challenge with the same determination that brought you to this proud moment.

Congratulations on this remarkable achievement. Once a Matie, always a Matie!

Retired Justice Edwin Cameron
Chancellor

Geagte lid van die Universiteit
Stellenbosch-gemeenskap,

Soos ons die hoogtepunt van jou akademiese reis vier, is ek gevul met trots op ons gegradueerdes. Jou prestasies weerspieël deursettingsvermoë, intellek en die krag van gemeenskapsondersteuning.

Vandag sluit jy aan by 'n wêreldwye netwerk van Stellenbosch-alumni wat die toekoms regoor Suid-Afrika en die wêreld bepaal. Jou sukses is nie net 'n persoonlike mylpaal nie, maar 'n bewys van die gesamentlike poging van jou medestudente, dosente, families en vriende wat jou op die pad ondersteun het.

Onthou, met jou nuwe kwalifikasie kom die geleentheid, en verantwoordelikheid, om by te dra tot die vooruitgang van ons gemeenskappe – plaaslik en oor grense heen. Ek weet jy sal hierdie uitdaging aangryp met dieselfde vasberadenheid wat jou na hierdie trotse oomblik gelei het.

Baie geluk met hierdie merkwaardige prestasie. Een keer 'n Matie, altyd 'n Matie!

Oudregter Edwin Cameron
Kanselier



Prof Wim de Villiers

Rector and Vice-Chancellor | Rektor en Visekanselier

Dear Matie,

Congratulations on this extraordinary achievement! Your determination and resilience have brought you to this proud moment, and it is a privilege to celebrate your success with you today.

Your qualification from Stellenbosch University is a gateway to incredible opportunities. SU's global reputation is built on the outstanding contributions of graduates like you, who make an impact wherever they go.

As you step into the next chapter of your journey, I encourage you to live by SU's values – excellence, compassion, accountability, respect, and equity. These principles will guide you in shaping a future that benefits both your community and the world.

Please stay connected with your alma mater through our global alumni network. Remember, Stellenbosch will always be your academic home.

Wishing you every success in your future endeavors!

Prof Wim de Villiers
Rector and Vice-Chancellor

Beste Matie,

Baie geluk met hierdie buitengewone prestasie! Jou vasberadenheid en veerkragtigheid het jou na hierdie trotse oomblik gelei, en dit is 'n voorreg om vandag jou sukses saam met jou te vier.

Jou kwalifikasie van die Universiteit Stellenbosch is 'n poort na ongelooflike geleenthede. Die US se wêreldwye reputasie is gebou op die uitstaande bydraes van gegradueerdes soos jy, wat 'n impak maak waar hulle ook al gaan.

Soos jy die volgende hoofstuk van jou reis betree, moedig ek jou aan om volgens die US se waardes te leef – uitnemendheid, deernis, aanspreeklikheid, respek en billikheid. Hierdie beginsels sal jou lei om 'n toekoms te skep wat beide jou gemeenskap en die wêreld bevoordeel.

Bly asseblief in kontak met jou alma mater deur ons globale alumni-netwerk. Onthou, Stellenbosch sal altyd jou akademiese tuiste wees.

Ek wens jou alle sukses toe in jou toekomsreis!

Prof Wim de Villiers
Rektor en Visekanselier

Chancellor | Kanselier

Retired Justice E Cameron, BAHons, LL.D hc (Stell), LL.B, BCL, MA, DCL hc (Oxford), LL.D hc (King's College, London), LL.D hc (Witw), LL.D hc (St Andrews), LL.D hc (Sussex)

Chairperson of Council | Voorsitter van die Raad

NF Newton-King, BA LLB, LL.M, LL.D (hc) (Stell)

Rector and Vice-Chancellor | Rektor en Visekanselier

Prof WJS de Villiers, MBChB, MMed (Int), FCP (SA), DPhil, MHCM, DSc (hc) (Coventry), MASSAf, FAGA

Chief Operating Officer | Uitvoerende Bedryfshoof

Prof SA du Plessis, BCom, BComHons, MPhil, PhD

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

Prof NN Koopman, BA, MTh, DTh

Deputy Vice-Chancellor (Learning and Teaching) | Viserektor (Leer en Onderrig)

Prof D Ramjugernath, BScEng, PhD, MASSAf, FAAS, FSAAE

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

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

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

Prof HC Klopper, BCur, MCur, PhD, MBA, PhD (hc) (Oxford-Brookes), FAAN, ASSAf; fANSA; FFMRC SI

Registrar | Registrateur

Dr P Retief, BA, BAHons, MA, DLitt

Deans | Dekane**Arts and Social Sciences | Lettere en Sosiale Wetenskappe**

Prof AJ Leysens, 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 N Smit, BLC, LLB, LL.D

Economic and Management Sciences | Ekonomiese en Bestuurswetenskappe

Prof ID Woolard, BSc, BAHons, 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

Prof MS Tshela, MSc, PhD

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 and Family Weekend

The University's Homecoming and Family Weekend takes place from Thursday 11 September to Saturday 13 September 2025 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 **16 April 2025**, 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 obuqhubekayo kunye nale yunivesithi owawusakufunda kuyo. IOfisi yabo Babesakuba Ngabafundi Apha yiyo ekunxulumanisa neYunivesithi ubomi bakho bonke. Emva komsitho wothwesozidanga wefakhalthi yakho, qinisekisa ukuba uhlangana nabanye oogxa bakho abaphumeleleyo kumbhiyozo weshampeyini omyoli wokwakha ubuhlobo phaya kwiAlumni Clubhouse eseDie Stal, apho siya kukuthi jize khona ngeminqweno emihle yempumelelo kwixesha elizayo. Wela ukusuka eCoetzenburg ukuya eDie Stal uthe chu ngcembe nezalamane nabahlobo ukuya kubhiyozela ukuthweswa kwakho isidanga!

Zininzi iindlela zokuhlala uqhagamshelkile. 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-11 kwinyanga yoMsintsi ukuya kutsho ngoMgqibelo umhla we-13 kweyoMsintsi 2025 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 **we16 kuTshazimpuzi ka2025**, 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 kuwww.matiesgivingday.com.

Altyd 'n Matie

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

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

Tuiskoms-en-Familienaweek

Die Universiteit se Tuiskomsnaweek vir alumni vind vanaf Donderdag 11 September tot Saterdag 13 September 2025 op die Stellenboschkampus plaas. Inligting is by www.matiesalumni.com beskikbaar.

Sluit aan by Maties Connect

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

Wees deel van 'n Alumni-tak

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

Gee terug aan 'n mede-Matie!

Waar ons vandag julle merkwaardige prestasies vier, kyk ons ook vorentoe, na die toekoms. Sluit op **16 April 2025** by ons aan vir die Universiteit Stellenbosch se Skenkingsdag – 'n geleentheid om terug te gee en 'n verskil vir toekomstige Maties te maak. Julle vrygewigheid kan die volgende geslag studente help bemagtig en die voortgesette sukses van ons universiteitsgemeenskap verseker. Nog inligting is by www.matiesgivingday.com beskikbaar.

forward together
sonke siya phambili
saam vorentoe

Graduation Ceremonies | Gradeplegtihede

1. 9 December | Desember 2024 (13:00)

Faculty of Arts and Social Sciences (Group 1) | Fakulteit Lettere en Sosiale Wetenskappe (Groep 1) 9

BA (Development and Environment); BA (Human Resource Management); BA (Humanities); BA (International Studies); BA (Political, Philosophical and Economic Studies); BA (Social Dynamics); BA (Socio-Informatics); BA (Sport Science); PGDip (Public Mental Health); PGDip (Social Science Methods); PGDip (Transdisciplinary Health and Development Studies); PGDip (Applied Ethics); PGDip (Disaster Risk Studies and Development); PGDip (Knowledge and Information Systems Management); PGDip (Monitoring and Evaluation); PGDip (Research Management and Administration); BA Hons (Geography and Environmental Studies); BA Hons (Geographical Information Systems); BA Hons (History); BA Hons (International Studies); BA Hons (Philosophy); BA Hons (Political Science); BA Hons (Psychology); BA Hons (Social Anthropology); BA Hons (Sociology); BDatSci; B Information Hons; M (Urban and Regional Planning); MA (Clinical Psychology); MA (Geographical Information Systems); MA (Geography and Environmental Studies); MA (History); MA (International Studies); MA (Philosophy); MA (Political Science); MA (Psychology); MA (Public Sociology and Anthropology); MA (Socio-Informatics); MA (Sociology); MA (Social Anthropology); MA (Social Science Methods); MPhil (Applied Ethics); MPhil (Decision-Making and Knowledge Dynamics); MPhil (Disaster Risk Science and Development); MPhil (Information and Knowledge Management); MPhil (Monitoring and Evaluation); MPhil (Public Mental Health); MPhil (Science and Technology Studies); MPhil (Transdisciplinary Health and Development Studies); MPhil (Urban and Regional Science); PhD (Applied Ethics); PhD (Decision-Making and Knowledge Dynamics); PhD (Evaluation Studies); PhD (Geography and Environmental Studies); PhD (History); PhD (Philosophy); PhD (Political Science); PhD (Psychology); PhD (Science and Technology Studies); PhD (Social Anthropology); PhD (Social Science Methods); PhD (Socio-Informatics); PhD (Sociology); PhD (Urban and Regional Planning); PhD (Urban and Regional Science)

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Wendy Ackerman

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Other Qualifications | Ander Kwalifikasies 14

Chancellor's Award | Kanselierstoekenning 21
Karen Inger Bruns

2. 9 December | Desember 2024 (17:00)

Faculty of Arts and Social Sciences (Group 2) | Fakulteit Lettere en Sosiale Wetenskappe (Groep 2) 23

Higher Certificate (Music); Dip (Practical Music Studies); AdvDip (Practical Music); B Social Work; BA (Drama and Theatre Studies); BA (Visual Arts); BA (Language and Culture); BA (Law); BMusic; BA (Music); PGDip (Second-Language Studies); PGDip (Technology for Language Learning); PGDip (Intercultural Communication); PGDip (Film Music); PGDip (Music Technology); BA Hons (African Languages); BA Hons (African Languages for Professional Contexts); BA Hons (Afrikaans and Dutch); BA Hons (Ancient Cultures); BA Hons (Ancient Languages); BA Hons (Chinese); BA Hons (Drama and Theatre Studies); BA Hons (English Studies); BA Hons (French); BA Hons (General Linguistics); BA Hons (German); BA Hons (Journalism); BMus Hons; BA Hons (Translation); BA Hons (Language Practice); BA Hons (Visual Arts Illustration); BA Hons (Visual Studies); MA (African Languages); MA (African Languages for Professional Contexts); MA (Afrikaans and Dutch); MA (Ancient Cultures); MA (Ancient Languages); MA (Creative Writing); MA (Drama and Theatre Studies); MA (English Studies); MA (French); MA (General Linguistics); MA (German); MA (Intercultural Communication); MA (Second Language Studies); MA (Journalism); MA (Lexicography); MA (Social Work); MA (Translation); MA (Technology of Language Learning); MA (Visual Arts); MA (Visual Arts) (Art Education); MA (Visual Studies); MMus; MPhil (Film Music); MPhil (Music Technology); PhD (African Languages); PhD (Afrikaans and Dutch); PhD (Ancient Cultures); PhD (Ancient Languages); PhD (Comparative Literature); PhD (Drama and Theatre Studies); PhD (English Studies); PhD (French); PhD (General Linguistics); PhD (German); PhD (Journalism); PhD (Lexicography); PhD (Music); PhD (Social Work); PhD (Translation); PhD (Visual Arts)

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Damon Galgut

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3. 10 December | Desember 2024 (09:00)**Faculty of Science (Group 1) | Fakulteit Natuurwetenskappe (Groep 1) 33**

BSc (Chemistry); BSc (Human Life Sciences); BSc (Molecular Biology and Biotechnology); BSc (Sport Science); BSc (Focal Area: Applied Medicinal Chemistry); BSc (Focal Area: Bioinformatics and Computational Biology); BDatSci; BSc Hons (Biochemistry); BSc Hons (Bioinformatics and Computational Biology); BSc Hons (Chemistry); BSc Hons (Genetics); BSc Hons (Microbiology); BSc Hons (Physiological Sciences); BSc Hons (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 35**Other Qualifications | Ander Kwalifikasies 37****Chancellor's Award | Kanselierstoekenning 40**
*Guy Midgley***4. 10 December | Desember 2024 (13:00)****Faculty of Science (Group 2) | Fakulteit Natuurwetenskappe (Groep 2) 41**

BSc (Biodiversity and Ecology); BSc (Computer Science); BSc (Earth Science); BSc (GeoInformatics); BSc (Mathematical Sciences); BSc (Physics); BSc (Focal Area: Biomedical Mathematical Sciences); BSc (Focal Area: Biomathematics); BSc Hons (Applied Mathematics); BSc Hons (Biodiversity and Ecology); BSc Hons (Computer Science); BSc Hons (Earth Sciences); BSc Hons (GeoInformatics); BSc Hons (Geography and Environmental Studies); BSc Hons (Mathematics); BSc Hons (Physics); BSc Hons (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 43**Other Qualifications | Ander Kwalifikasies 45****Chancellor's Award | Kanselierstoekenning 49**
*Louise Warnich***5. 10 December | Desember 2024 (17:00)****Faculty of Engineering | Fakulteit Ingenieurswese 51****Honorary Doctorate | Eredoktorsgraad 53**
*Strive Masiyiwa***Doctoral Qualifications | Doktorale Kwalifikasies 54****Other Qualifications | Ander Kwalifikasies 58****6. National Anthem | Volkslied (View last page) 63**

forward together
sonke siya phambili
saam vorentoe



Faculty of Arts and Social Sciences (Group 1)

9 December 2024 | 13:00

Fakulteit Lettere en Sosiale Wetenskappe (Groep 1)

9 Desember 2024 | 13:00

Programme

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

Program

- Staan asseblief*
- Staan asseblief*
- Sit asseblief*
- Staan asseblief*
1. Akademiese prosesie kom die saal binne.
 2. Speel van die Nasionale volkslied.
 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. Voorstelling van die kandidaat vir die Kanselierstoekenning en oorhandiging van die toekenning deur die Visekanselier.
 7. Sluiting deur die Visekanselier.
 8. Akademiese prosesie verlaat die verhoog.

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

The degree Doctor of Philosophy (DPhil), *honoris causa*, to
Die graad Doktor in die Wysbegeerte (DPhil), *honoris causa*, aan

Wendy Ackerman

her dedication to providing platforms to support students pursuing training in music, her generosity in creating opportunities for the youth to access education, and her advocacy for gender equity and inclusivity.

Wendy Ackerman's philanthropy spans several decades. Her consistent support has benefited men, women, children and the arts for more than 40 years.

As one of the founders and honorary life president of Pick n Pay, her work to empower and promote women has been a hallmark of her efforts at this leading retailer. She was instrumental in having women recognised as senior, career-oriented employees in the 1970s – a move that some companies at the time regarded as too progressive.

Now devoting much of her time to her family's philanthropic endeavours and work for the underprivileged and vulnerable, she continues to fight for women's rights.

She is involved in several education initiatives, but her greatest passion is to support promising students, particularly in the field of music and medicine. She has run several bursary schemes since 1973, and her graduates have achieved outstanding success, some performing as part of the finest orchestras and at the most esteemed opera houses in the world. She is also a trustee of the Pick n Pay bursary fund, which assists the children of employees.

In addition, she is also deeply committed to preserving the environment and advocating for the wellbeing of animals.

Ackerman is a lifelong supporter of the arts in the Cape metropole and has put enormous effort into creating an endowment trust for the arts in Cape Town, specifically for the city's opera and philharmonic orchestra.

haar toewyding om steunplatforms vir studente te voorsien wat musiek studeer, die ruimhartigheid waarmee sy geleenthede skep sodat die jeug toegang tot die onderwys kan kry, en haar voorspraak vir geslagsgelykheid en -inklusiwiteit.

Wendy Ackerman se filantropie strek oor etlike dekades. Haar volgehoue ondersteuning baat mans, vroue, kinders en die kunste reeds langer as 40 jaar.

As een van die stigters en lewenslange erevoorsitter van Pick n Pay, word haar werk by dié toonaangewende kleinhandelaar gekenmerk deur haar pogings om vroue te bemagtig en te bevorder. Sy het 'n kernrol vervul om vroue in die 1970's as senior, loopbaangerigte werknemers erken te kry – 'n stap wat party maatskappye destyds as te progressief beskou het.

Deesdae bestee sy die meeste van haar tyd aan haar familie se filantropiese werk en voorspraak vir diegene wat minder bevoorreg en kwesbaar is, en haar stryd om vroueregte duur voort.

Sy is by verskeie onderwysinisiatiewe betrokke, maar haar grootste passie is die ondersteuning vir belowende studente, veral op die gebied van musiek en die geneeskunde. Sy bedryf reeds sedert 1973 verskillende beursprogramme, en haar gegradueerdes het al uitsonderlike sukses behaal. Party tree in die voorste orkeste en by die bekendste operahuise ter wêreld op. Sy is ook 'n trustee van die Pick n Pay-beursfonds, wat werknemers se kinders bystaan.

Daarbenewens is sy ook diep daartoe verbonde om die omgewing te bewaar en voorspraak vir die welstand van diere te doen.

Ackerman is haar lewe lank 'n ondersteuner van die kunste in die Kaapse metropool en het geen moeite ontsien nie om 'n skenkingstrust vir die kunste in Kaapstad, spesifiek vir die stad se opera en filharmoniese orkes, tot stand te bring.

Faculty of Arts and Social Sciences (Group 1)

Fakulteit Lettere en Sosiale Wetenskappe (Groep 1)

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

CHIDEYA, Munashe Tazorodzwa (History)

Private joint-stock companies and government relations in the Cape Colony, 1892 – 1902

Despite laws against such behaviour, civil servants and politicians in the Cape Colony invested in private joint-stock companies in the late 19th century. Using both quantitative and qualitative methods, this study shows that the 1892 Cape Joint-Stock Company Act, which increased business formation across the Colony, also attracted the interest of those in government: Altogether 46 civil servants and 49 politicians invested in 62 of the 263 companies in the study sample. The findings show that politically connected firms obtained government contracts, special legislation and monopolies. The study contributes to the understanding of business history and entrepreneurship among government officials in the late 19th century.

Supervisor: Prof J Fourie
Co-supervisor: Dr E Kerby

KAGOYIRE GASINZIGWA, Marie Grace (Psychology)

Construction of genocide memories: narratives of second-generation Rwandans

This study explores the intergenerational transmission of memories surrounding the Rwandan genocide. Through qualitative interviews and focus groups in eastern Rwanda, it examines how descendants of both survivors and perpetrators engage with and navigate these complex historical narratives. Findings reveal three primary modes of memory transmission: public commemorations, familial and communal storytelling, and the presence of silences and gaps in these memory spaces. The research highlights the nuanced ways in which collective memory is shaped and contested in post-genocide Rwanda.

Supervisor: Prof P Gobodo-Madikizela

KLEINHANS, Karin (Psychology)

The design and implementation of a programme to promote physical activity among adolescents with cerebral palsy: an action research project

The health and wellbeing benefits of physical activity are well established. Yet structural, societal and psychological barriers hamper participation in sport and exercise by adolescents with cerebral palsy. This study develops and pilots an intervention to promote physical activity among South African adolescents with cerebral palsy. Through a process of collaboration, consultation and evidence synthesis, an 18-week online psycho-educational behaviour change intervention is designed and implemented to overcome these adolescents' psychological barriers to participation in physical activity. Pilot testing of the intervention indicates that the approach is both feasible and acceptable to young people with cerebral palsy.

Supervisor: Prof L Swartz
Co-supervisors: Dr P Runciman, Prof JR Bantjes

MCGOWAN, Taryn Catherine (Psychology)

Task-shifting to increase well-being among first-year university students: a feasibility RCT study

University students face rising mental health challenges, which have increased the demand for campus counselling services. This mixed-methods study explores the feasibility of two online universal prevention interventions for first-year students, namely a task-shifted peer-led support group and a mindfulness-based stress reduction (MBSR) programme. A randomised controlled feasibility trial is used to compare the two interventions in terms of improving perceived stress, mindfulness, quality of life, and symptoms of depression and anxiety. The findings support the feasibility and acceptability of using lay student counsellors in universal prevention programmes to improve first-year student wellbeing in South Africa.

Supervisor: Prof A Kagee

MUBITA, Fredrick (Sociology)

Gender integration in the Zambian army

This study examines how women experience integration in the Zambian army. Initially motivated by national security threats, the army adopted a liberal equal-rights approach to gender inclusion. Nevertheless, gender equality remains elusive due to societal and military factors. A gendered division of labour persists, excluding women from certain roles based on perceived abilities, impact on military effectiveness, and safety concerns. Patriarchal values hinder women's ability to balance military and personal responsibilities and to cope with tokenism, sexism, and harassment. A new approach is needed to foster a sense of belonging and inclusion, involving collaboration between military personnel and external researchers to identify and address gendered practices.

Supervisor: Prof LPT Heinecken

NGEMA, Samukele Manqoba (Urban and Regional Science)

The influence of built environment characteristics on neighbourhood crime patterns in government subsidised housing developments: the case of Cape Town, South Africa

This study investigates how built-environment characteristics influence neighbourhood crime in state-subsidised housing neighbourhoods in Cape Town. It develops a built-environment crime resilience index and applies space-time pattern mining of detailed multiyear crime data to establish correlations and causal links between crime levels and patterns, and built-environment characteristics. Design principles that optimise passive surveillance are found to be most relevant in subsidy housing neighbourhoods. The results indicate that the application of context-specific built-environment design principles in the planning phase of subsidy housing developments can contribute to a meaningful reduction in crime in the longer term.

Supervisor: Dr DJ du Plessis

RADEMAN, Anna Elizabeth (Science and Technology Studies)

Cancer in the news: An investigation into pseudoscience in cancer reporting via South African online news media

Celery as a cancer elixir? Scorpion venom as a magical remedy? Vitamin C as the cure? Pseudoscientific claims in the media offer false hope to cancer patients and their loved ones, and cost lives. This study investigates South African online news reports about cancer from the past decade. While 74% of exaggerated claims on anything from herbal tonics to superfoods lacked evidence, journalists debunked many myths, such as rhino horn's supposed healing powers. Despite researchers' desire to combat pseudoscience, systemic barriers hinder their media engagement. This highlights the need for better cooperation between scientists, journalists and universities to safeguard us against pseudoscience.

Supervisor: Prof CM Joubert

SPYRELIS, Alexandra (Psychology)

Developing and Assessing the Feasibility of a Psychosocial Intervention for Persistent Fatigue for Women with Endometriosis

Endometriosis is a complex, poorly understood disease that affects women of reproductive age. Persistent fatigue is an often-overlooked symptom of endometriosis that negatively affects patients' lives. This study reports on the development and feasibility of an intervention that is based on cognitive behavioural therapy and aims to reduce persistent fatigue in patients with endometriosis. A mixed-methods design is used to develop the intervention and determine its feasibility and acceptability. The intervention was offered to patients online. Data collected from patient participants and interventionists indicate that the intervention is feasible and acceptable. Longitudinal data indicates preliminary efficacy.

Supervisor: Prof R Roomaney

Co-supervisor: Dr M Loades (*external*)

TREPTOW, Reinhold Friedrich (Science and Technology Studies)

Funding research in South Africa: alternative data sources for science policy decision-making

A review of existing studies on the sources and modes of funding for STI (science, technology and innovation) in South Africa reveals that most of these studies are either outdated or do not cover all possible funding sources. This study is the first comprehensive analysis of both standard and novel approaches to identifying such funding sources and their relevance for STI policymaking in general, and specifically also for decision-making about resource allocation in the science ecosystem of the country.

Supervisor: Prof J Mouton

WILTSHIRE, Anne Hilda (Sociology)

Who Cares? Work in South African Farmworker Homes: A Dialectical Materialist Methodology

Temporary farmworkers residing in towns cite work in their homes as the reason for leaving employment. This study addresses this under-researched area, examining work in farmworker women's homes during employment hours. It investigates the relationship between work in homes and employment, and addresses a population gap in work in farmworker homes. This is achieved through the lens of social reproduction theory (SRT) as dialectical materialist methodology. Children's exclusion from employment has not precluded the socially required work in homes. The study finds that work continues to be shaped by social regulations. It concludes in critique of SRT and argues for a dialectical materialist re-evaluation of 'Who cares?'

Supervisor: Prof K Fakier

Faculty of Arts and Social Sciences (Group 1)

Fakulteit Lettere en Sosiale Wetenskappe (Groep 1)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Arts

Magister in die Lettere en Wysbegeerte

Allan, Bailey Claire Isabella (Psychology)
Bester, Anita (Psychology)
Blake, Amber (Sociology) (*cum laude*)
Bossau, Haylene Eugenie (Political Science)
Botha, Michael (Psychology)
Briar, Isabella Ciara (Psychology)
Brynard, Monique (Social Anthropology) (*cum laude*)
Carlson-Peters, Shantay (Clinical Psychology)
Chemaly, Hannah (Geography and Environmental Studies)
Cook, Tricia Irene (Psychology)
Elijah, Sachin (Political Science) (*cum laude*)
Fife, Nabeelah (Public Sociology and Anthropology)
Ghoos, Baylee (Geography and Environmental Studies)
Giles, Sarah Beth (Political Science) (*cum laude*)
Greenhalgh, Josie (Clinical Psychology) (*cum laude*)
Henkeman, Carlynn Tiffany (Political Science)
Hlwatika, Vuyokazi Zintathu Margaret (Political Science)
Hofmeyr, Louis Murray (Psychology)
Ingram, Donna (Political Science)
Labuschagne, Louis (Clinical Psychology)
Le Roux, Margaret (History)
Lefika, Mabitsa Jimmy (Psychology)
Maduna, Puseletso Felicity (Clinical Psychology)
Myburgh, Philip Albert (Geography and Environmental Studies)
Naiker, Kate (Clinical Psychology) (*cum laude*)
O'Donoghue, Thomas Luke (Political Science)
Saayman, Dawid Francois (Geography and Environmental Studies)
Van Wyk, Chad (*cum laude*)
Weppelman, Kaylon Jasmine (Clinical Psychology)

Master of Philosophy

Magister in die Wysbegeerte

Beukes, Jureenus Botha (Applied Ethics)
Dube, Thulani (Disaster Risk Science and Development)
Dziwa, Chengetai (Monitoring and Evaluation Methods) (*cum laude*)
Gukurume, Simbarashe (Monitoring and Evaluation Methods)
Hammond, Priscilla Naa Dedei (Decision-making and Knowledge Dynamics) (*cum laude*)
Hlophe, Thabo Trevor (Monitoring and Evaluation Methods)
Malebane, Matlhogonolo Keoreeditse (Applied Ethics) (*cum laude*)
Mayet, Shafeeqa (Applied Ethics) (*cum laude*)
Motiang, Ntuna Clifford (Information and Knowledge Management)
Motsoasele, Hlompho Gerard (Monitoring and Evaluation Methods)

Msindo, Lusanda (Urban and Regional Science)
Muzerengi, Tapiwa (Disaster Risk Science and Development)
Phakathi, Nompumelelo Precious (Monitoring and Evaluation Methods)
Uushona, Josephine Naambo (Science and Technology Studies)
Zozo, Rachel (Monitoring and Evaluation Methods)

Master of Arts in Public Sociology and Anthropology

Magister in die Lettere en Wysbegeerte in Openbare Sosiologie en Antropologie

Sedeman, Fabio Yves (Public Sociology and Anthropology)

Bachelor of Arts Honours

Honneurs-Baccalaureus in die Lettere en Wysbegeerte

Achmat, Zaghra (Psychology)
Adenigba, Adedamola (Psychology)
Alexander, Josh Lincoln (Psychology)
Amoo, Farzaana (Psychology)
Arends, Liniq Marizaan (Social Anthropology)
Bailey, Isabella Maria (Psychology)
Banda, Banele (Psychology)
Barnetson, Angus James (Psychology) (*cum laude*)
Bezuidenhout, Maronique (Psychology)
Booyesen, Jané (Geography and Environmental Studies)
Bowmaker-Falconer, Griffin Angus (Psychology)
Buys, Lauren Ann (Geography and Environmental Studies)
Camphor, Roxanne Cecile (Sociology)
Caygill, Tessa Jade (Social Anthropology)
Chiya, Samkelisiwe Olwethu (Geography and Environmental Studies)
Cloete, Beatri (Psychology) (*cum laude*)
Cloete, Brümilda Abigail (Psychology)
Conana, Esethu Creamy (Psychology)
Cremer, Keegan Weylin (Psychology) (*cum laude*)
Crew, Ameera (Political Science)
Dally, Roslynd Marié (History)
De Klerk, Jakobus Stefanus (Social Anthropology)
De Villiers, Michelle (History)
Donson, Reid (Philosophy) (*cum laude*)
Eckstein, Daniel (International Studies)
Eksteen, Yusrah (Geography and Environmental Studies)
Els, Armin (Geography and Environmental Studies)
Eyman, Britney (Psychology)
Fourie, Fiona (Psychology) (*cum laude*)
Fowlds, Laura Natalie (Psychology) (*cum laude*)
Ganie, Saarah (Geography and Environmental Studies)
Gebhardt, Ryan Lawson (Geography and Environmental Studies)
Geils, Christopher Micheal John (Geography and Environmental Studies)

Gerber, Stephanus (Political Science)
 Gertze, Nikita (Geography and Environmental Studies)
 Gouws, Daniel Juan (Social Anthropology) (*cum laude*)
 Harrower, Mckennah Mae (Geography and Environmental Studies)
 Hendricks, Chante Sharmelyn (Psychology) (*cum laude*)
 Hobbs, Emily Hannah (Geography and Environmental Studies)
 Hodge, Ella Bowie (Sociology) (*cum laude*)
 Huysamer, Marianne (Psychology) (*cum laude*)
 Jackson, Cole Trafton (Political Science)
 Jackson, David Llewellyn (History)
 Jarvis, Gillian Rose (Psychology)
 Johnson, Dawson Brennan (International Studies)
 Juries, Rosslyn (Social Anthropology)
 Kekae, Kagiso (Sociology)
 Kerruish, Lorcan Kai (Social Anthropology) (*cum laude*)
 King, Charlize Alissa (Psychology)
 Kleye, Ryan Eaton (Political Science)
 Koorts, Jana (Social Anthropology)
 Kroese, Nichol (Psychology) (*cum laude*)
 Krüger, Johannes Gideon (History)
 Ledwaba, Makhado (Geography and Environmental Studies)
 Lehlomela, Puseletso Mary (Psychology)
 Leotlela, Nyakallo Pontsho Qenehelo (Social Anthropology)
 Liebenberg, Minette (Psychology) (*cum laude*)
 Lifschitz, Joshua Goodman (Psychology)
 Mafalo, Modiegi Ngoanamolepo (Sociology)
 Magwentshu, Ayabulela Nokukhanya (Psychology)
 Manini, Cheyenne Ivana (Geography and Environmental Studies)
 Marais, Benjamin (Psychology)
 Martin, Emily Frances (International Studies)
 Mashego, Lesedi Itumeleng (Psychology) (*cum laude*)
 Mashigo, Nthabiseng Elisabeth (Psychology)
 Maswanganyi, Husna Babiliye (Political Science)
 Matlala, Oratile (International Studies)
 Matthews, James Ivan (History)
 May, Joshua (Psychology)
 Mbudi, Liina Frieda (History)
 Mc Quire, Tyron-Adin (Geography and Environmental Studies)
 Meyer, Keziah (Psychology)
 Mgxaji, Ayonelisa (International Studies)
 Mkhwanazi, Nhlakanipho Joshua (Geography and Environmental Studies)
 Mlambo, Othandwayo Luyanda (Psychology)
 Mohale, Duncan (Psychology)
 Molele, Mmatlou Annett (Geography and Environmental Studies)
 Moosajee, Wasim (Geography and Environmental Studies)
 Motlhatswi, Ofentse (Psychology)
 Mudhokwani, Stephanie Mazvita (History)
 Naude, Eduan Athur Jan (History)
 Neethling, Thyla (Psychology) (*cum laude*)
 Ngubelanga, Lindelwa Babalwa (Geography and Environmental Studies)
 Norton, Benjamin Robert Louis (Geography and Environmental Studies)
 Ntenti, Okuhle (Geography and Environmental Studies)
 OBrien, Beth (Geography and Environmental Studies)
 October, Lenwill (Political Science)
 Oleseng, Ofile Amantle (Geography and Environmental Studies)
 Padiachy, Yadhien (Political Science)
 Parker, Adon Thomas (Psychology) (*cum laude*)
 Parkin, Megan Kelly (Social Anthropology)
 Phillipson, Megan Alice (Geography and Environmental Studies)
 Pieterse, Khayla (Social Anthropology)
 Pillay, Aliyah (Psychology)
 Pretorius, Christo (Political Science)
 Ruppel, Franziska Freyja Nicolette Courten (Psychology)
 Russell, Thomas Harvey Amadeus Pinto (Philosophy) (*cum laude*)
 Saal, Cleo (History)
 Salomo, Shaneel Maud (Political Science)
 Schmidt, Dylan Jesse (International Studies) (*cum laude*)
 September, Ghaliema Tu-Sadia (Political Science)
 Shutte, Alexa Rose (History)
 Smith, Carmen (Psychology)
 Smith, Luke Tristan (Social Anthropology)
 Snyman, Gerhardus Joseph (Psychology)
 Strand, Samuel Matthew (International Studies) (*cum laude*)
 Swart, Jané (History)
 Taruvinga, Rumbidzai Joanna (Psychology) (*cum laude*)
 Theron, Révin Samantha (Psychology)
 Traut, Jana (Psychology) (*cum laude*)
 Tshazi, Ongezwa Qiqq (Geography and Environmental Studies)
 Van Coller, Susanna Wilhelmina (History)
 Van der Merwe, Erin (International Studies) (*cum laude*)
 Van Eeden, Simoné (Psychology) (*cum laude*)
 Viljoen, Hanrie (Philosophy) (*cum laude*)
 Welman, Alissa (Social Anthropology) (*cum laude*)
 Wentzel, Maxine Chloe (International Studies)
 Wiggins, Spencer Owen (Social Anthropology)
 Wilken, Jessica (Geography and Environmental Studies)
 Wyngaardt, Kaylee Hannah (International Studies)
 Zinatsa, Shamiso Ngaakudzwe (Social Anthropology)

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

Bisetty, Saiven
 Crookes, Courtney Sarah
 De Jong, Lana (*cum laude*)
 Du Toit, Gina Zenobia
 Grassman, Danelle (*cum laude*)
 Griesel, Johannes Jacobus
 Gumede, Wendy Nosipho
 Howard, Joshua Edward
 Kraus, Byron
 Macdonald, Ross
 Madebe, Lwando Suprise
 Modzuka, Jeremiah Naledzi
 Mulea, Prince Rotondwa
 Nel, Keiran Anne
 Saleh, July
 Slettevold, Hannah Rose
 Smith, Daniel Howard
 Twaddle, Camryn Leigh (*cum laude*)

Van Wyk, Francois Jaco
Van Zyl, Marié
Ward, Kathleen Patricia
Wessels, Francois Marais
Whittaker, Kristin

Postgraduate Diploma in Public Mental Health
Nagraadse Diploma in Openbare Geestesgesondheid

Jamera, Samuel
Leeuw, Kagisho Peace
Lukwata, Hafsa Sentongo
Maduna, Balisa Lumka
Ncayiyane, Zimbini Precious
Partridge, Emily Joy (*cum laude*)
Tinus, Yandiswa (*cum laude*)

Postgraduate Diploma in Disaster Risk Studies and Development
Nagraadse Diploma in Ramprisikostudie en Ontwikkeling

Andrew, Charlton Clive
Demas, Jandrie
Ntloana, Maowane Bernard
Samuels, Bianca Constance
Sompá, Ntombizandile

Postgraduate Diploma in Applied Ethics
Nagraadse Diploma in Toegepaste Etiek

De Vries-Bartes, Blanché Estelle
Dlamini, Mbongiseni
Dlova, Lisoletu (*cum laude*)
George, Lorenza Clenise
Ilett, Chiara Dianta (*cum laude*)
Lombard, Anna Susanna (*cum laude*)
Mathobela, Lesiba Peter
Mudau, Maanda (*cum laude*)
Visser, Timothy (*cum laude*)

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

Hendricks, Danilo
Jayakumar, Cindy Lee
Lebotsa, Phomolo Donald
Matahela, Vhothusá Edward
Nemaheni, Phathutshedzo
Sathekge, Mogale
Siboto, Nohle Nonqobizwe
Wales, Divan Marvin
Zhou, Hamandawana (*cum laude*)

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

Bambusiba, Picken Vumukuthela
Chavhalala, Dakalo Mathews
Matsoso, Tsietsi Richard

Mavuma, Doreen
Musi, Mohapi

Bachelor of Arts
Baccalaureus in die Lettere en Wysbegeerte

Abels, Bianca
Abrahams, Hannah
Ackhurst, Kyla
Adams, Britt Lyra Grace
Adams, Tamryn Jayden
Adams, Tyron
Ahlschlager, Anna Skye
Ahmad, Rania
Ahmed, Sharaara
Ajam, Salmaan
Alers, Angelique Lucretia
Alexander, Tehya
Allie, Iman
Annesley, Flynn Somerled
April, Jo-Mary
Arendse, Logan Nicole
Ashbury, Jaydah
Aspeling, Robin
Avis, Luke Beridias
Baatjes, Mia
Baines, Megan Elizabeth
Ball, Gemma CAITLIN
Bam, Buhle Hombakazi Princess
Basson, Caitlin Kelly
Basson, Desmare Augustine
Bastick, Olivia Jade
Bate, Abigail Jessica (*cum laude*)
Beere, Sarah Lynne
Behr, Stephanie
Bellis, Catherine Lindiwe
Bells, Jamie-Lee
Berend, Georgina Jane
Berg, Alma-Maria Do Rosario Gaspar Porta-Nova
Bertoncello, Chiara
Bester, Benjamin
Bester, Tiaan Jandre
Bingham, Shanae
Blanckenberg, Georgia Alexia
Boake, Emily Grace
Bode, Schalk
Bonthuys, Zoe
Booi, Yamkela
Borrett, Jenna
Botha, Cyane
Botha, Daniela Kerry
Bouttell, Georgia Grace
Brandt, Olivia Jane
Bransby, Nicole Sarah
Brits, Deeolen
Broodryk, Nicole
Bruiners, Josh
Bruwer, Erika
Bryant, Danielle
Burger, Michelle
Burger, Rhyndardt Chris
Burness, Neve Margaret

Buskes, Wijon
Cameron, Denusha Jade
Cammell, Olivia
Capon, Abigail
Carrington, Alexandra Dale
Carrington, Robyn Olivia
Carson, Stella Anne Sweby
Carstens, Nika
Cebekhulu, Slungile Philasande Nolwazi
Chelin, Holly Kristen
Cholidiza, Acwengile
Chow, Wing Chung
Claasen, Cainan Jamie
Clarke, Hugo Oliver
Clarke, Jessica Grace Gascoyne
Coaton, Katie Megan
Coetzer, Sasha
Cole, Jenna
Collier, Sarah
Cook, Lauren
Cornelissen, Greta Leona
Cornelius, Rafeeqa
Cronje, Lisa
Cronje, Tashlene
Dale, Nicola Anne
Damane, Qobo-Lwam
Dambuza, Vuyo Sally
Daniels, Asia
Davids, Jessica
Daws, Tayla Christy
De Araujo, Saxon Tayla
De Beer, Linca
De Beer, Megan
De Bruin, Christian
De Lait, Takara Sabina Robin
De Lange, Lene
De Mink, Erin Joy
De Reuck, Chelsea Lindiwe
De Wee, Petruzka
De Wet, Cindy
Decker, Shannon Lauren
Deeb, Melissa
Dhiyebi, Rania Farhat
Dimopoulos, Julia
Dirks, Mia-Pearl
Dlungwane, Anele
Dobeyn, Lauren
Dodd, Georgia Stephany
Dombodzvukou, Isheanesu Samantha
Dotwana, Zali
Douglas-Henry, Paige Elizabeth
Draai, Davadene Lucille
Dreyer, Liesl
Du Plessis, Adam Boucher
Du Plooy, Levi Ryan
Du Toit, Marissa Madelein
Du Toit, Tamryn
Dudumashe, Hlumela
Duffus, Olivia Zara
Duvenage, Emil
Ebersohn, Meiring
Eccles, Rebecca Maria

Economou, Kay-Leigh
Ellenberger, Jodie Megan
Ellender, Tao Daisy
Engen, Mari
Epler-Brandenburg, Alexa
Erasmus, Hester
Erasmus, Zayaan
Erler, Georgia Theresa
Esau, Hannah McKenzie
Faleni, Nada
Fataar, Nikhil
Fennell, Megan
Fernandes, Olivia Marie
Ferreira, Reike
Fiebiger, Jade Amy
Filander, Johnné-Leigh
Finnigan, Paige Erin
Firfilis, Luca
Fischer, Ila
Fortuin, Lemescha Nicole
Foss, Lindsay Jenna
Fouché, Kara
Fourie, Nicholas Charles
Fourie, Petrone
Francke, Cashkin-Lee
Frankel, Samuel Henri
Fransman, Tatum
Franz, Lisa Deryn
Fredericks, Faith Inge
Fredericks, Tesner
Gallant, Amy Stacey
Ganchi, Yusuf
Ganjani, Anesu
Gassert, Tayla Kirsten
Geland, Jamie
George, Cassidy Anastasia
Gerber, Jahni Maretha
Gerber, Tamzyn
Girdlestone, Emma Nicole Maria
Goliath, Zeta Kay
Goloza, Sinovuyo
Goodbrand, Emma
Goodman, Rosa
Goodrich, Scarlet
Good, Tayla
Goodwin, Lauren
Goodyer, Layla Jayden
Gouws, Michelle
Green, Jed
Hall, Jonathan Andrew
Hanekom, Janaycia Ashanté
Hardie, Olivia
Hathrill, Camryn Ashleigh (*cum laude*)
Heaney, Jordan Anthony Telo
Henderson, Caitlin
Henkerman, Kelsey
Henry, Kristen
Herringer, Tarryn
Hess, Melissa Amy
Heynecke, Teague
Hickling, Cara Bailey
Hickman, Marila

Hiemstra, Christiaan Johannes
Hill, Caitlin Skye
Hill, James Mitchell Burke
Hodgkinson, William Richard Charles
Hofmeyr, Kirsten
Hogg, Kelly Taylor
Hoods, Kelsey
Hooker, Bradley Phillip
Horrigan, Georgia Erin Blaine
Howie, Caitlin
Hussein, Jasmine Rosemary Lerato
Ioannidis, Stefan
Izaks, Kristin
Jackson, Kyle
Jacobs, Storm
Jacobs, Wonique
Jansen van Rensburg, Anri
Jansen, Kéahna
Johnson, Erin
Joubert, Courtney Leanne
July, Kay-Lynne Taamba
Kafaar, In-Aam
Kala, Oluhle Rayn
Kalazana, Buhle
Kemp, Caitlin
Kese, Yedidiya Hlumelo Luphiwe
Ketteringham, Jenna
Kgomo, Tihakane
Khanyeza, Nolwandle Thobeka
Kheswa, Thando Sikhonjwa
Kilbride, Liam Michael
King, Nikki
Kippie, Courtney Bryn
Klazen, Meldene Jennifer Leneve Sophia
Knight, Alexa Anne
Kode, Celine Stephanie Francoise
Koegelenberg, Mari Helena
Kriel, Jeanne
Kroese, Annette
Kruger, Victoria
Kumm, Tristan
Kunene, Siphesihle Colette
Kupfer, Marjean Heila
Kwedini, Anelisiwe
Lahana, Mila
Laing, Kyla
Lamb, Hylton Trevor
Languza, El-Jay Laurencia-Jasmine
Lauts, Kira
Le Roux, ANIKA
Lee, Orocktakang Yusuf
Leeuw, Johan Heinrich
Leholi, Dimpho
Lekota, Leila Palesa
Lemke, Mark Henry Michael
Leonard, Daniell
Leonard, Shane Lucille
Letloenyane, Dimpho
Leuvennink, Marguerite
Liebenberg, Stethen David
Light, Matthew David
Lioul, Jennifer

Lombard, David Mark
Lombard, Leah Przygonski
Longworth, Julia
Lourens, Mika
Louw, Connor
Love, Tiffany Faye
Maartens, Megan (*cum laude*)
Macanda, Lithemba Lihlumile
MacGregor, Robyn Sybil Anne
Machialwe, Neo Tshimologo
Macingwane, Liyabona Vuyolwethu
Magengelele, Lukhanyo Thandile
Maguzu, Olo
Mahlaba, Mamori Precious
Maholwana, Nomfundo Iviwe
Majikijela, Queen Patience Xoliswa
Malcolm, Meghan
Mangabhai, Shaneel
Manuel, Renicha
Mapfuisse, Tinotenda
Marais, Mieke
Maree, Caylin
Maree, Mushfeeqah
Maritz, Erin
Maroun, Catherine Margaret
Martin, Angelo Dean
Martini, Kristin Jade
Marx, Caroline
Mashayamombe, Tanyaradzwa Chelsea
Masvinu, Mascelline Kudzai
Matebe, Zintle
Matlala, Khomotso Fredah
Matthews, Erin
Mbulana, Anelisa
Meij, Peter Albert
Mentor, Logan Cassandra
Meyer, Jacobus Stephanus
Meyer, Jade Cameron
Meyer, Kieraan
Meyer, Luke Emile
Midamba, Reuben
Moeketsi, Katlego
Mohanlall, Yaaseen
Mokgohloa, Kanti Malebo Nicole
Mokoena, Boitumelo
Moody, Grace Jean
Moore, Bianca
Moreku, Siwa Hope
Mori, Kanon
Morrison, Andrew
Mosia, Thatohatsi
Mostert, Jacoba Elizabeth
Mostert, Kaylin
Mpharalala, Londani Mukundi
Msibi, Nathan
Mthembu, Naledi Chanel Vuyiswa
Mudaly, Taysha
Muller, Caleb Johnathan
Murphy, Oliver
Mwaibabile, Xiluva Wilson
Myburgh, Sebastian
Myburgh, Yverne

Mzamo, Belekazi Emihle
 Nagle, Kira
 Nathan, Raquel Leah
 Naudé, Ann
 Ndevu, Akholiwe Lawrence
 Neilson, Kayleigh
 Nel, Amy
 Nel, Cheyenne Christine
 Nel, Jana
 Nel, Martha Magdalena
 Ngeleka, Plamedi kabola
 Ngobeni, Nqobile Precious
 Ngwenya, Delight Fezeka
 Nieuwstad, Camryn Paige
 Nkawule, Lilitha-Ikhona
 Nkosi, Kgosietsile Joshua Majaha Jnr
 Nobangule, Limnandi
 Noemdo, Tamara Jane
 Nombewu, Khanyisa Siziphiwe
 Nombewu, Milani Nomazizi
 Nontshiza, Gugu
 Norval, Lienke
 Ntshangase, Sphosihle
 Nyangintsimbi, Siyasanga
 Odendaal, Stehan
 Oldreive, Christina Suzanne
 Oliver, Hay-Leigh
 Olivier, Caitlin
 Omar, Mikaeel
 Onverwacht, Bradley Elijah
 Oosthuizen, Isabella
 Oosthuysen, Luleila Rosaline
 Orunsolu, Ebunanuoluwa Peace
 Oxenham, Hannah (*cum laude*)
 Parring, Blanche Mauritia
 Patience, Matthew Peter
 Paulse, Saadiq
 Pearce, Teagan
 Pearse, Kaitlin
 Peters, Courteney Issabelle
 Phala, Phomelelo Mamakgane
 Phillipps, Matthew Warr
 Phipps, Cameron
 Phoshane, Katlego Christian
 Pick, Jade Robin
 Pieterse, Erykah Grace
 Posthumus, Chloe Venus
 Potgieter, Marco
 Pottas, Zane
 Pretorius, Mia
 Pusch, Laura Michelle
 Quinlan, Josephine Ann
 Raath, Niel
 Rada, Oyama
 Rademan, Ghee-Ann
 Rall, Juhné
 Raper, Francis-Lynne (*cum laude*)
 Ras, Corbin
 Readien, Craig Steward
 Reddy, Kayla Trinity
 Reitz, Tamia
 Rencken, Kayla Lee
 Retief, Jessica Wendy Maria (*cum laude*)
 Reyneke, Isabella
 Riley, Olivia
 Roberts, Chelse
 Robinson, Ashley Jane
 Rossouw, Emma (*cum laude*)
 Rossouw, Rebecca
 Ross, Taylor Jade
 Ruwiel, Micha
 Ryan, Nicola Kelly
 Savage, Olivia Rose
 Sayed Suliman, Rehmat
 Scheepers, Carlea
 Schonegevel, Julia
 Schroeder, Nurjehaan
 Schuller, Imaad
 Schwarze, Anika Rebecca Corinna
 Scott Anderson, Raine (*cum laude*)
 Scott, Zoe-Lee
 Sedick, Nabeelah
 Sharp, Dylan
 Shugu, Lilita Liyakanya
 Sias, Keyara Lakresha
 Simamane, Nqobile Lethu
 Simons, Liza Emma
 Simpson, Chelsea Dionne
 Simpson, Rebecca
 Sivram, Bhavish
 Skhosana, Luyanda Mantombi
 Slater, Paige
 Sloan, Aurora Patricia
 Smith, Duayne Herschell
 Smith, Dylan Matthew
 Smith, Michael Andrew Spencer
 Smith, Sarah
 Smith, Sasha-Leigh
 Smuts, Jan Abraham (*cum laude*)
 Snaddon, Isabella Sophie Joy
 Snaith, Chloe Alexandra
 Soine, Chantal
 Solomons, Aimee
 Sonjani, Norshya Hlombekazi
 Sotshongaye, Alizwa Maza
 Spangenberg, Johannes Petrus Paulus
 Spanneberg, Jordyn
 Stander, Mieke
 Steele, Rebecca Janet (*cum laude*)
 Steyn, Michael Anthony
 Strampe, Dean
 Sullivan, Samantha Taylor
 Swanepoel, Jacolene
 Swart, Marcel
 Swart, Nadia Alexa
 Sykes, Tao Lee
 Symington, Grace
 Tauber, Mishke
 Tengee, Tuundjakuje
 Thomas, Cee-Jae
 Titus, Jenay Chanel
 Tostee, Talia
 Touche du Poujol, Jenna
 Tromp, Benjamin

Truter, Hanre
Tshilumbu, Ntumba Benita
Turner, Frederic Ian
Tusiime, Sonia
Uys, Kerry-Ann
Van Antwerpen, Lara
Van Beulen, Jessamy Olivia
Van den Heever, Saskia
Van der Linden, Jade
Van der Merwe, Willem Pieter (*cum laude*)
Van der Merwe, Zounica
Van der Velde, Lara-Bo
Van der Walt, Bea
Van der Walt, Dihan
Van der Watt, Eden Robyn
Van der Westhuizen, Ané
Van der Westhuizen, Anna (*cum laude*)
Van der Westhuizen, Reinhard
Van Gensen, Chelsea
Van Heerden, Tessa Andile
Van Kooij, Aïsha Savannah
Van Rensburg, Illia
Van Rooyen, Margot Robin
Van Tonder, Zianca
Van Vught, Jesse River
Van Willen, Coryn Leigh
Van Wyk, Jodie Ellen
Van Wyk, Qulene
Van Wyk, Sasha Leigh
Van Wyk, Sinike Casedy
Van Zyl, Layla
Velleman, Isabella Grace
Vienings, Kristi
Viljoen, Chara
Viljoen, Emma Christine
Viljoen, Lize
Viljoen, Strauss
Visagie, Rudolf
Visser, Daniel
Visser, Julia
Von Benecke, Emma
Von Benecke, Tayla Anne Gail
Vorster, Lumé Suzanne
VurVur, Khayakazi
Wagner, Abigail
Wakefield, Matthew Mark William
Walden, Chelsea
Wales, Kiara Anne
Wallace, Samantha
Watkins, Kieran James
Wattrus, Danny
Waugh, Melissa
Weber, Nathon
Webster, Aimee-Lee
Weldon, Sune
Wells, Kayla
Whittaker, Chloe Paige
Wilkin, Donald Frederick
Wilkinson, Paige
Williams, Cleopatra
Williams, Kaitlin
Willows, Jenna Leigh

Wilschutt, Jasmin
Winn, Danielle
Wollenhaupt, Lara Denise
Woodward, Liza Marie
Xaba, Nobuhle Kgomotso
Yaga, Lihle
Yeo, Nicholas Michael
Young, Jessica Robynn
Zini, Lumphulo Liphawe

RESPONSIBILITY CENTRE: RECTOR AND VICE-CHANCELLOR VERANTWOORDELIKHEIDSENTRUM: REKTOR EN VISEKANSELIER

Karen Inger Bruns

Karen Bruns, senior director of Development and Alumni Relations, has made outstanding contributions in the field of fundraising and alumni relations at Stellenbosch University. Working with dedication and a clear vision, she has had a profound impact, particularly in advancing our alumni networks.

Ms Bruns understands the critical role that alumni play in supporting universities as they navigate financial constraints, address student needs, and contend with declining government support, particularly in Africa. Strengthening alumni engagement is vital for building sustainability and resilience in higher education across the continent. She serves as an inspiration to all Maties through her exemplary work and legacy.

Karen Bruns, senior direkteur van Ontwikkeling en Alumnibetrekkinge, lewer uitnemende bydraes op die gebied van fondswerwing en alumnibetrekkinge aan die Universiteit Stellenbosch. Met toewyding en 'n duidelike visie het sy 'n diepgaande impak, veral op die bevordering van ons alumninetwerke.

Me Bruns verstaan alumni se kernrol om universiteite te help om finansiële uitdagings te oorkom, in studentebehoefes te voorsien en kwynende regeringsbystand te hanteer, veral in Afrika. Die versterking van alumnibetrokkenheid is noodsaaklik vir die bou van volhoubaarheid en veerkragtigheid in die hoër onderwys oor die hele vasteland. Sy dien as 'n inspirasie vir alle Maties deur haar voortreflike werk en nalatenskap.

forward together
sonke siya phambili
saam vorentoe



Faculty of Arts and Social Sciences (Group 2)

9 December 2024 | 17:00

Fakulteit Lettere en Sosiale Wetenskappe (Groep 2)

9 Desember 2024 | 17:00

Programme

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

Program

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

Honorary Doctorate | Eredoktorsgraad

FACULTY OF ARTS AND SOCIAL SCIENCES FAKULTEIT LETTERE EN SOSIALE WETENSKAPPE

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

Damon Galgut

his exceptional contributions to South Africa's literary and cultural landscape, his unwavering dedication to literary innovation, and generously sharing his knowledge through mentoring emerging writers and scholars.

Damon Galgut is an award-winning novelist, short-story writer and playwright. During his career that spans more than 40 years, he has made outstanding contributions to South Africa's literary and cultural scene.

Galgut's novels have garnered numerous nominations, accolades and prestigious awards. In 2021, he became only the third South African writer to be honoured with the Booker Prize for his novel *The Promise*. The episodically structured novel covers four decades of South African history, highlighting unfulfilled promises on a personal and political level.

His work explores outsider identities, delving into the oppressive forces of sociocultural norms and systemic injustices that affect individuals across geographical locations and historical periods. Galgut's aesthetic innovation continues to captivate critics and readers alike, reflecting his enduring commitment to literature as a form of aesthetic disruption.

sy uitsonderlike bydraes tot die letterkundige en kulturele landskap van Suid-Afrika, sy onwrikbare toewyding aan literêre innovasie, en die ruimhartigheid waarmee hy as mentor sy kennis met ontluikende skrywers en vakkundiges deel.

Damon Galgut is 'n bekroonde roman- en kortverhaalskrywer en dramaturg. Hy het gedurende sy loopbaan van oor die 40 jaar voortreflike bydraes tot die letterkunde- en kultuurtoneel in Suid-Afrika gelewer.

Galgut se romans het hom verskeie benoemings, eerbewyse en prestigeryke toekennings besorg. Met sy roman *The Promise* word hy in 2021 maar die derde Suid-Afrikaanse skrywer wat met die Bookerprys vereer word. Die episodies gestruktureerde roman handel oor vier dekades van Suid-Afrikaanse geskiedenis en vertel van persoonlike én politieke beloftes wat nooit nagekom is nie.

Sy werk verken buitestander-identiteite en ondersoek die onderdrukkende krag van sosiokulturele norme en sistemiese onreg wat individue oor geografiese én tydgrense heen raak. Galgut se estetiese innovasie gaan voort om kritici én lesers te bekoor, en weerspieël sy voortgesette verbondenheid tot die letterkunde as 'n vorm van estetiese ontwinging.

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

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

ANTHONIE, Alexa Nicole (General Linguistics)

A sociolinguistic appraisal of an under-researched (higher) education setting: The heteroglossic realities of the South African Technical Vocational Education and Training sector

Most of the studies investigating transformation in South African educational settings is focused on basic or higher education. One gap in the existing literature is a focus on the transformation of the Technical Vocational Education and Training (TVET) sector. This study fills this research gap by exploring the sociolinguistic dimensions of the South African TVET Sector. Through a detailed document analysis and an investigation into students and lecturers' linguistic repertoires, the coloniality of language in the sector is made visible, while also providing glimpses of decolonial praxis.

Supervisor: Prof MCA Oostendorp
Co-supervisor: Prof B Busch (*external*)

BASSON, Earl Ray (Afrikaans and Dutch)

Die herstandaardisering van Afrikaans: Die insluiting van Kaapse Afrikaanse idiome in Afrikaanstaalhandboeke

Daar word reeds sedert die 1980's aangevoer dat Standaardafrikaans nie verteenwoordigend is van die totale Afrikaanse spraakgemeenskap nie en dus vernuwing, oftewel herstandaardisering, moet ondergaan. Praktiese voorstelle vir herstandaardisering is egter beperk. Hierdie studie gebruik Odendaal (2012) se herstandaardiseringsraamwerk om 'n lesreeks vir Afrikaanstaalhandboeke te ontwerp wat Kaapse Afrikaanse idiome insluit. Die lesreeks, wat oorwegend positief deur verskillende rolspelers in die onderrig-en-leer van Afrikaans ontvang is, wys hoe voorheen gemarginaliseerde variëteite van Afrikaans op 'n praktiese wyse in die skoolkurrikulum geïntegreer kan word en sodoende tot die herstandaardisering van Afrikaans kan bydra.

Promotor: Dr BG Odendaal
Medepromotor: Prof AE Feinauer

BEZUIDENHOUT, Stephanus Abraham (Music)

Towards a poetics of a contemporary Broadway sound: Orchestration techniques in Alan Menken's Disney musicals and their application to a contemporary South African musical

This study is concerned with the orchestration techniques characteristic of the Disney Broadway musical, and their applicability in a South African context. Orchestrators are constantly changing their approaches when orchestrating for Broadway musical orchestras due to diminishing instrumentation and players. This is specifically clear in Alan Menken's musicals, which aim for a full orchestral sound that resembles the original movie version. This study analyses Broadway Disney musical numbers composed by Menken to uncover the techniques used. The findings are applied to a newly constructed musical to gauge whether this model can be successfully applied to orchestration in a South African context.

Supervisor: Prof MD Nell

LANGE, Shani Claudia (Ancient Languages)

"qualis coniecta cerva": 'n Postkoloniale ekofeministiese lees van Dido en Camilla in die Aeneïs

Within the framework of postcolonial ecofeminist literary criticism, this study presents a new approach to reading Vergil's *Aeneid*. A postcolonial ecofeminist reading not only entails examining the ways in which women, nature and the "other" are depicted in the poem, but also involves critical analysis of the connections between these elements. It also highlights questions of power, belonging and the self. Women in the *Aeneid* often symbolise resistance to Aeneas' imperial mission of founding a new city for his people. Through analysing the characters Camilla and Dido, the text allows for postcolonial reflection on the notions of power, gender and identity.

Supervisor: Dr A de Villiers

MANGCUNYANA, Mteteleli Nelson (African Languages)

Strategic manoeuvring in argumentative parliamentary discourse in the Eastern Cape legislature of South Africa

This study makes a groundbreaking contribution to the field of linguistic research on argumentative parliamentary discourse in South Africa, particularly in the context of the Eastern Cape legislature. It analyses the rhetorical strategic manoeuvring devices utilised by members of the legislature in their argumentative discourse, as selected from Hansard texts. Discourse examined includes the Premier's annual report and the associated debates in the legislature, and the discourse of members of the legislature and community members at events of 'Legislature goes the people'. The study demonstrates that rhetorical strategic manoeuvring devices, including narratives of lived experiences and biographical recounts, are salient in participants' argumentation.

Supervisor: Prof MW Visser

MASHANGE, Bongani Percy Tendai (Visual Arts)

An Afropolitan Quest: A Contemporary Jeweller's Inquiry into Identity and Identification in Post-Colonial Africa

This study, comprising an exhibition of art jewellery and a thesis, engages the student's personal experiences as an Afropolitan – an African subject belonging to multiple worlds. The body of work celebrates cultural identity as complex and multifarious. Utilising visual semiotics that contest fixed notions of cultural identity and negotiate the intersectionality of cultural and political citizenship, the art jewellery questions the concept of belonging in contemporary Africa and the world. Richly informed by contemporary writings on national and cultural identity politics, the project adds to what is known and understood about identity and identification in postcolonial African cultures.

Supervisor: Prof L van Robbroeck

RADEBE, Tebogo Billy Tendai (Drama and Theatre Studies)

Community Theatre as Site of Possibility: An analysis of the role and contribution of ubuntu in transforming community theatre practitioners into cultural social agents in the Gauteng province

By defining ubuntu in Community theatre, this study illustrates how ubuntu is an intangible infrastructure that fosters Community theatre aesthetics. The study documents and analyses Community theatre practitioners' perspectives of ubuntu as a phenomenon in their practice, and centralises the views and understandings of ubuntu among practitioners who are creating performances on the periphery of the South African theatre landscape. It is found that practitioners experience ubuntu across all the phases of their theatre-making processes, and their perceptions of ubuntu in their practices enrich their awareness of possible social change.

Supervisor: Prof P du Preez

Co-supervisor: Dr RA Lepere (*external*)

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

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Arts

Magister in die Lettere en Wysbegeerte

Basson, Eleonore (Afrikaans and Dutch)
Bester, Cornelia Margaretha (English Studies)
Brewis, Nina-Lari (Afrikaans and Dutch)
Da Mata, Antonia Katelyn (English Studies) (*cum laude*)
Festus, Tammy-Leigh (English Studies)
Galloway, Jonathan James (English Studies) (*cum laude*)
Ginya, Sive Faith (Journalism)
Kassiem, A'eysha (Journalism)
Lange, Emily Rebecca (German) (*cum laude*)
Loki, Asivile (English Studies) (*cum laude*)
Nortje, Mariette (General Linguistics) (*cum laude*)
Reid, Helena (English Studies)
Snyckers, Julia Kathleen (English Studies) (*cum laude*)
Solomon, Lynn-Mari (Afrikaans and Dutch)
Van der Rheede, Merlyn Avril (Afrikaans and Dutch)
Van Heerden, Lara (General Linguistics)
Visser, Danel (English Studies)
Xeketwana, Nobesuthu (General Linguistics)

Master of Music

Magister in Musiek

Bredekamp, Leonore (*cum laude*)
January, Brent
Joannou, Michelle Helen (*cum laude*)
Meaker, Teneale
Ncamani, Lunathi
October, Jessica Sally
Smit, Marnél
Van der Westhuizen, Anja (*cum laude*)
Van Dyk, Nadine

Master of Social Work

Magister in Maatskaplike Werk

Bingham, Kenneth (*cum laude*)

Master of Arts in Visual Arts

Magister in die Lettere en Wysbegeerte in Visuele Kunste

Lotter, Anika (*cum laude*)

Bachelor of Arts Honours

Honneurs-Baccalaureus in die Lettere en Wysbegeerte

Adams, Chelsea (General Linguistics)
Beesley, Erica Sjaan (English Studies)
Brand, Christiaan (Ancient Languages) (*cum laude*)
Bruyns, Aletta Hannalene (Drama and Theatre Studies) (*cum laude*)

Carolus, Daniëlle Jade (General Linguistics) (*cum laude*)
Cicognani, Catia Ariana (Drama and Theatre Studies) (*cum laude*)
Coetser, Rochelle Nicola (Drama and Theatre Studies) (*cum laude*)
Dada, Onakho (General Linguistics)
Daniels, Chanay (General Linguistics)
Daniels, Robyn (General Linguistics) (*cum laude*)
De Beer, Cayleigh (Drama and Theatre Studies) (*cum laude*)
De Lange, Lane (English Studies)
De Villiers, Aimee Chelsea (General Linguistics)
Donnell, Catherine Emily (General Linguistics) (*cum laude*)
Fieggen, Liam (English Studies) (*cum laude*)
Filter, Angelique Viaan (Drama and Theatre Studies) (*cum laude*)
Fourie, Mia (Drama and Theatre Studies)
Gammon, Hana Nel (English Studies) (*cum laude*)
Harmse, Sumari (English Studies) (*cum laude*)
Hendricks, Jason Alec (General Linguistics)
Hodson, Kate (Drama and Theatre Studies) (*cum laude*)
Jansen, Tamar Abigail (Ancient Cultures)
Koense, Gabrielle Whitney (Ancient Cultures)
Malan, Anke Kumi (Drama and Theatre Studies) (*cum laude*)
Malan, Elizri (Drama and Theatre Studies)
Manukuza, Thabiso Siyabonga (General Linguistics)
Marnitz, Kayla Christine (English Studies)
October, Courtney Dayna (Ancient Cultures)
Pieterse, Michael (English Studies)
Potgieter, Pascale (English Studies)
Prinsloo, Danica (General Linguistics) (*cum laude*)
Qhekoane, Thandiswa (General Linguistics)
Ras, Simone (Drama and Theatre Studies) (*cum laude*)
Samouilhan, Caden Dean (General Linguistics)
Scholes, Anna Rogan (English Studies)
Sievwright, Cuan (Drama and Theatre Studies)
Smit, James John (General Linguistics) (*cum laude*)
Stevens, Jemma Ann (General Linguistics)
Strydom, Chrizelle (Drama and Theatre Studies)
Sukhai, Sasha-Leigh (Ancient Cultures) (*cum laude*)
Thompson, Amanda Rebekah (General Linguistics) (*cum laude*)
Van der Walt, Linda (English Studies) (*cum laude*)
Van Gent, Merwe Maruis (Drama and Theatre Studies) (*cum laude*)
Van Staden, Anisha Myrtle (General Linguistics) (*cum laude*)
Van Wyk, Victoria Jody-Lee (Drama and Theatre Studies)
Venter, Jenna Hope (Drama and Theatre Studies)
Verhoog, Jamio Lérique (General Linguistics) (*cum laude*)
Vollenhoven, Tameka (Ancient Cultures)

Bachelor of Music Honours
Honneurs-Baccalaureus in Musiek

Plaatjie, Melisizwe Mark (*cum laude*)
Symons, Lee Ashton (*cum laude*)

Postgraduate Diploma in Second-Language Studies
Nagraadse Diploma in Tweedetaalstudie

Booys, Tarryn Geanay
Mason, Anna Katherine Alexa
Morgan, Candice
Nethathe, Atshilaho Viola
Sewchuran, Sanjana Vashthi

Bachelor of Arts
Baccalaureus in die Lettere en Wysbegeerte

Afrika, Maché Carin
Aggenbach, Caeli
Apollis, Alexandra
Askin, Kaylin (*cum laude*)
Booyesen, Jule Catherine
Boshoff, Chrisne
Botes, Daniella
Burt-Robinson, Katherine Rachel (*cum laude*)
Cairns, Timothy Ian
Carter, Paige Lucille
Crockart, Bryce (*cum laude*)
Daniels, Alethea
De Jager, Nita
De Koning, Jonette Petra (*cum laude*)
De Lange, Maxine
De Stadler, Caitlin Anne
De Villiers, Isobel
Deeb, Jessica
Diergaardt, Megan
Dower, Rosemary
Dragner, Matthew Cobin
Du Toit, Joy Michaela
Engelbrechte, Anja
Erasmus, Kobus
Fichardt, Kristen (*cum laude*)
Grant, Georgia
Gruenbaum, Katherine
Hanekom, Nina
Hechter, Luchuane
Heesom, Amber Elle (*cum laude*)
Hendry, Shannon
Hillebrand, Alika (*cum laude*)
Houlihan, Kira
Jacobs, Alexis Steyn
Jacobs, Megan Rozana
Jansen, Tayla (*cum laude*)
Joubert, Nicola
Klerck, Mikayla
Kleyn, Nadia (*cum laude*)
Koekemoer, Jeanne-Marie (*cum laude*)
Lindeque, Lara Maria
Lombard, Alice
Louw, Lu-Ellen
Louw, Sonja

Luus, Lynné
Maritz, Laura
Matthee, Nina
Meniers, Shaneeq
Mol, Megan
Mostert, Rua (*cum laude*)
Mostert, Sune
Muirhead, Avalon
Muller, Chiara Jill
Muller, Tian Willem
Muzzell, Kendal Mary
Neethling, Kyla
Olsen, Ashli Robyn Claudia
O'Neale, Reece
Oosthuizen, Zoe
Phipps, Cameron Wallace
Poole, Griffin
Pool, Maysoon
Potgieter, Patricia
Pretorius, Hildegard
Rademan, Heimon Johannes
Rapson, Jenna Elizabeth (*cum laude*)
Reid, Helena
Richards, Clishe' Cazlynn
Ross, Alexandra
Schoonwinkel, Clarice Suzanne
Scribante, Isabella Rose
Seaman, Asher Thaine
Seaman, Ciara Shaye (*cum laude*)
Serobe, Rofhiwa
Sibiya, Sekhona Nduduzo
Smith, Amory
Spies, Anke
Steyn, Milla
Sutton, Michael John
Swanson, Jessica Sarah (*cum laude*)
Syfert, Anja
Symonds, Chelsea
Taunyane, Malebogo
Terblanche, Rikus
Theron, Ilani
Theron, Suné (*cum laude*)
Thom, Emma Maryn (*cum laude*)
Thornhill, Erin
Townsend, Megan
Truter, Kyle Matthew
Van Aarde, Marli
Van der Walt, Donna
Van Heerden, Alma
Venter, Anja
Victor, Jacobus Otto
Visser, Zanlie
Vorster, Inge
Vorster, Jasmine
Weich, Hellmuth (*cum laude*)
Wentzel, Amber Zoë
Wijtenburg, Katelyn Jean
Williams, Jasmin Roche
Wilson, Jenna
Witbooi, Shane Clyde
Wolmarans, Elizabeth

Bachelor of Social Work
Baccalaureus in Maatskaplike Werk

Adams, Dylan
Adams, Shannon-Lee
Arends, Linden Duane
Bantjes, Zulithe
Basson, Hope Gaynor
Bosch, Jana
Bridgens, Jade Tarryn
Cloete, Kaylin
Cloete, Willmene
Cook, Henriette Marlene
Cornelissen, Kerishnè Lee
De Jongh, Heinchal Emril
Draaier, Enrico Bradley
Doh, Sonia Gootmia Ndasi
Forbes, Jessica
Gilbert, Keandra Kelsey
Griffith, Megan
Hartnick, Jenne-Lee
Herbert, Elizabeth Anne Lize
Isaac, Tatum Tamia
Isaaks, Janine Chanté
Janse van Rensburg, Chris
Jilili, Sinesipho
Joseph, Kisha
Julie, Kay-Leigh
Kamfer, Felicia Nadine
Kayster, Monique Nerissa
Kriel, Daniel Stephanus
Le Roux, Natacha
Lotz, Tina-Marié
Mars, Diederich Delano
Masizana, Ncebakazi
Mbem, Milisa
Mdzoyi, Xolisa
Momberg, Kaydin Tanneth
Myburgh, Janke
Nyoba, Buhle
Opperman, Gretchen
Phetlho, Simbayi Lilly
Pretorius, Isabella
Roux, Neve
Sampson, Shadoné
Sander, Gabriella
Schewitz, Nicole
Silk, Shelby Dawn
Smith, Anneké Allison
Uppington, Moésa
Van Niekerk, Amber
Willemse, Lauren Paige
Williams, Jaydine Andrea

Bachelor of Music
Baccalaureus in Musiek

Abrahams, Amber Alicia
Adriaanse, Ajay
Alderslade, Cameron Catherine
Badenhorst, Jani (*cum laude*)
Bell, Usher Christiaan

Beyers, Corne (*cum laude*)
Craig, Zeta
Damons, Sasha (*cum laude*)
Hayes, Dané
Hill, Caro (*cum laude*)
Hurst, Ryan John
Jakobus, Christof Frederik (*cum laude*)
La Grange, Phebe (*cum laude*)
Mol, Elizabeth Magdalena
Parker, Nicole
Roelofse, Hein (*cum laude*)
Rooms, Toni
Strobos, June
Tseng, Ying-Shan (*cum laude*)
Van Wyk, Ariane Esmeralda
Vermeulen, Shareen (*cum laude*)
Zake, Sinomtha

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

Adjiet, Fatima-Tazagrah
Badenhorst, Chloe Jane
Bam, Marlon Xavier
Burger, Lara Ann
Cram, Melody Willow
Cross, Jenna
Davidson, Emma Anne
Davis, Hannah Tariro
De Beer, Juliette Elizabeth
De Vries, Anna Aletta
Dlothi, Pule
Du Plessis, Brendan
Du Plessis, Nicolene
Erasmus, Carili
Faber, Luisa Maria
Flaum, Seth Cale
Gamble, Tanya Mairi
Govender, Shiven
Groenewald, Enrike (*cum laude*)
Jacobs, Lwandile Mphoentle Ntozinhle
Jones, Tara Lee
Kapp, Carli
Kuijers, Max (
Nam, Juhee
Ngwenya, Thabo Unathi
Oelofsen, Tristan Mulke
Pringle, Rebekah Hope
Rademan, Ané
Ramgobin, Ekta
Ranchhod, Kajal Pradeep
Ranchod, Vikisha (*cum laude*)
Rasmussen, Thomas Geoffrey Felix
Salonen, Mia Monique
Sauerman, Ron (*cum laude*)
Scarborough, Georgia Ruth
Schutte, Karinsa
Segunda, Hope Sisonke
Siljeur, Micaela
Smit, Donè
Süssmann, Bianca Tanja

Van Aarde, Nicola Van Dyk, Amber Doré
Van Tonder, Marcus
Van Wyk, Alexia Cathrine
Van Wyk, Eduard Albertus
Visagie, Kyla
Zackey, Erin

Advanced Diploma in Practical Music
Gevorderde Diploma in Praktiese Musiek

Booyesen, Rayno
Cedras, Jodie (*cum laude*)
Constable, Cody James (*cum laude*)
Davis, Sashon Angelico (*cum laude*)
Gates, Nathaniel Peter (*cum laude*)
Hanse, Mariana Simone
Mbukwana, Khanyisile (*cum laude*)
Pietersen, Danreto Zinzan (*cum laude*)
Verhoef, Jan-Meyer
Williams, Estelle (*cum laude*)

Diploma in Practical Music
Diploma in Praktiese Musiek

Odendaal, Robert Andre
Tyman, John Junior Herschelle

Higher Certificate in Music
Hoër Sertifikaat in Musiek

Lingenfelder, Phillip Louis
Lingeveldt, Ezra Basil
Nebulane, Buhle

forward together
sonke siya phambili
saam vorentoe



Faculty of Science (Group 1)

10 December 2024 | 09:00

Fakulteit Natuurwetenskappe (Groep 1)

10 Desember 2024 | 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 Chancellor. |
| | 4. Welcome by the Chancellor. |
| | 5. Presentation of candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Chancellor. |
| | 6. Introduction of the candidate for the Chancellor's Award and presentation of the award by the Chancellor. |
| | 7. Closing by the 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 Kanselier. |
| | 4. Verwelkoming deur die Kanselier. |
| | 5. Voorstelling van kandidate wat kwalifikasies ontvang deur die dekaan van die fakulteit en toekenning van kwalifikasies deur die Kanselier. |
| | 6. Voorstelling van die kandidaat vir die Kanselierstoekenning en oorhandiging van die toekenning deur die Kanselier. |
| | 7. Sluiting deur die Kanselier. |
| <i>Staan asseblief</i> | 8. Akademiese prosesie verlaat die verhoog. |

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

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

CLAASSENS, Adrianus Petrus (Plant Biotechnology)

Role of strigolactones in adventitious rooting of *Arabidopsis thaliana* callus in vitro

Young *Arabidopsis* callus cultures spontaneously form root-like structures when transferred to hormone-free media. However, this ability is lost as cultures age. Treatment with the synthetic strigolactone analogue, GR24, enhances rhizogenesis and growth rates in older callus cultures. Transcriptomic analysis indicates that GR24 upregulates a negative regulator of cell death as well as stress-related genes. Biochemical analysis shows that treated aged calli have lower levels of membrane leakage and higher antioxidant capacity. This suggests that GR24 may have a rejuvenating effect on callus cultures. This could be of value to the tissue culture industry, maintaining cultures in a juvenile, vigorous state.

Supervisor: Dr PN Hills

Co-supervisor: Prof J Kossmann

HORN, Shadé (Biochemistry)

A whole-body model of glucose metabolism and immunology in a malaria-infected patient

The drivers of key characteristics in disease manifestation and metabolic abnormalities observed in patients with severe malaria are poorly understood. This study develops and analyses two multiscale models of malaria infection that describe the disease dynamics, immune response as well as host and parasite metabolism to quantify the respective contributions of these systems. Model predictions are compared to clinical data, and analysed to determine which processes would make good drug targets. In silico treatment analysis is then used to quantify treatment effects and identify the most appropriate drug mechanism of action that targets markers of disease and dysregulated metabolism.

Supervisor: Dr DD van Niekerk

Co-supervisor: Prof JL Snoep

KEET, Lana (Biochemistry)

Modulation of UVB-induced inflammation and oxidative stress by unfermented rooibos and honeybush aqueous extracts: A comparative study

This study investigates the protective properties of rooibos and honeybush tea extracts against UVB-induced skin damage. It is revealed that rooibos exhibits strong antioxidant properties, while honeybush demonstrates significant anti-inflammatory activity. Although neither tea extracts prevent UVB-induced changes in the lipid composition of skin cells, both show potential in reducing oxidative stress and inflammation. These findings highlight the promise of using these natural extracts to develop skincare products that can protect against UVB damage. Future research could explore combining the extracts or integrating them with existing sunscreens to enhance skin protection.

Supervisor: Dr M Lilly

Co-supervisors: Prof A Louw, Dr S Abel (*external*)

KOTZÉ, Timothy John (Chemistry)

Discovery of inhibitors of the CoA biosynthesis enzyme CoaBC as novel antitubercular and antistaphylococcal agents

Mycobacterium tuberculosis and *Staphylococcus aureus* are two pathogenic bacteria responsible for severe disease burdens globally, and efforts to eradicate these infections have been prioritised by the World Health Organisation. Inhibitors that target CoaBC, a bifunctional enzyme in the coenzyme A (CoA) biosynthetic pathway essential to both these organisms, may provide new treatment options. To facilitate inhibitor discovery of this kinetically complex enzyme, assays are evaluated for use in primary screening campaigns to identify initial hits. The result is validated against selected compound libraries to identify a series of promising compounds that can be expanded upon in future studies.

Supervisor: Prof E Strauss

Co-supervisor: Prof W van Otterlo

MAHWASANE, Rolivhuwa (Chemistry)

Preparation and characterisation of flexible mixed-ligand metal-organic frameworks for gas and water sorption

Flexible mixed-ligand metal-organic frameworks (MOFs) for gas and water sorption applications are synthesised and characterised. Three MOFs – JUK-8, ADC-MOF-2, and Cd-MOF-3 – are explored for their structural responses to water vapour, carbon dioxide, and ethylene. Water vapour is found to inhibit CO₂ sorption in JUK-8, while ADC-MOF-2 undergoes gas-induced phase transitions. Cd-MOF-3 demonstrates good stability and water sorption efficiency, which is particularly useful for atmospheric water harvesting in humid conditions. Various analytical techniques reveal dynamic structural behaviours, highlighting the potential of these frameworks for industrial applications in gas storage and water harvesting.

Supervisor: Prof L Barbour

NUNES, Jean Massimo (Physiological Sciences)

Assessing the Coagulation System in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome

Using advanced scientific techniques, including fluorescent microscopy, thromboelastography, cell-free imaging flow cytometry, and advanced liquid chromatography in tandem with mass spectrometry, This study found that a dysregulated coagulation system and damaged vasculature are key pathologies in a myalgic encephalomyelitis/chronic fatigue syndrome cohort. Significant findings include abnormalities in clotting kinetics and an increased concentration of microclots. Proteomics data offer mechanistic explanations for the symptoms present in the condition; and points to significant immune dysregulation, specifically pertaining to decreased expression of complement proteins.

Supervisor: Prof E Pretorius

OESTLUND, Imken (Biochemistry)

An investigation into the modulation of AKR1C3 generated 11- ketotestosterone by HSD11B1 and HSD11B2

Steroid hormones are divided into different classes, with each class regulating specific biological effects. The activity of each steroid class is regulated peripherally by the activity of specific sets of steroid metabolising enzymes. This study shows that the glucocorticoid metabolising enzyme, 11 β -hydroxysteroid dehydrogenase type 1 (HSD11B1), also plays a key role in regulating peripheral androgen levels in humans. Co-expression of HSD11B1 with the key androgen activating enzyme, aldo-keto reductase 1C3 (AKR1C3), modulates the biosynthesis of the potent 11-oxygenated androgen, 11-ketotestosterone. Moreover, HSD11B1 is shown to catalyse the activation of the classic androgen testosterone for the first time.

Supervisor: Prof K Storbeck
Co-supervisor: Prof JL Snoep

POTGIETER, Gerhardus Petrus (Microbiology)

A calculated approach to nitrate bioremediation in temperature-variable mining environments: Integrating adapted bacterial stimulation, carbon balancing, and hydraulic retention time

This study focuses on nitrate contamination in mining-affected environments, utilising bacterial denitrification for bioremediation in active bioreactors and in situ treatments. Temperatures below 20 °C are known to reduce nitrate removal efficiency and cause nitrite accumulation. Two novel calculators are created, namely a carbon-to-nitrogen-to-phosphorus ratio calculator and a retention time prediction model. These are shown to improve denitrification and eliminate nitrate accumulation at temperatures as low as 10 °C. Their combined use optimises bacterial communities with higher denitrification functionality and enhances the quantitative presence of specific genes for denitrification efficiency. The effectiveness of these calculators advances denitrification management to sustain complete denitrification functionality during large-scale bioremediation in temperature-variable environments.

Supervisor: Prof K Jacobs
Co-supervisor: Prof E van Heerden

SWIEGERS, Hendrik Willem (Genetics)

Elucidating mechanisms that underpin aphid-plant interactions

Aphids are global pests that cause major yield losses in crops. This study investigates pest-plant interactions using different aphid species. Findings include that virulent aphids exhibit distinct gene expression patterns when feeding on different hosts, suggesting adaptations to overcome plant resistance. Virulent aphids upregulate detoxification genes and transposable elements to adapt and assist in the breakdown of plant resistance. While host plants respond to aphid feeding with jasmonic acid signalling and terpene biosynthesis, aphids modify plant hormone signalling to help break down resistance. This work provides a foundation for developing more effective and sustainable aphid control strategies.

Supervisor: Prof A Botha-Oberholster
Co-supervisor: Prof CH Foyer (*external*)

TURNER, Simoné (Physiological Sciences)

Thrombotic Endothelialitis in Long COVID: An Investigation into Pathogenesis and Diagnostic Approaches

Acute Covid-19 can lead to long Covid in about 10% to 30% of cases, affecting around 400 million people globally. This study explores the causes of long Covid and helps develop diagnostic tools with a focus on chronic inflammation and blood clotting. Significantly elevated levels of specific biomarkers and changes in microclots are detected in long Covid patients, suggesting persistent inflammation and a higher risk of clotting. A novel flow cytometry method for detecting microclots is validated, offering improved diagnostics for the management of long Covid.

Supervisor: Prof E Pretorius

Faculty of Science (Group 1)

Fakulteit Natuurwetenskappe (Groep 1)

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Science

Magister in die Natuurwetenskappe

Bristow, Paolo Timothy (Biochemistry)
Brown, Zoe Alexandra (Polymer Science)
Cowley, Michael Lundin (Physiological Sciences) (*cum laude*)
Dove, Joshua Charles (Genetics)
Fourie, Xandr Kobus (Biochemistry) (*cum laude*)
Gouws, Francois (Microbiology)
Heyns, Bianca (Biochemistry)
Hurn, Diron (Microbiology) (*cum laude*)
Kitching, Chene (Bio-informatics and Computational Biology) (*cum laude*)
Le Roux, Kyle (Biochemistry)
Lochner, Bianca Lileen (Biochemistry)
Marais, Sasha Maria Jayne (Biochemistry) (*cum laude*)
Mohlabi, Tiego (Bio-informatics and Computational Biology)
O'Meara, Mika Isabella Grace (Genetics)
Ramphal, Yajna (Bio-informatics and Computational Biology) (*cum laude*)
Raoult, Kyla Michelle (Polymer Science) (*cum laude*)
Rhodie, Nicole (Polymer Science)
Summerton, Tasmin (Biochemistry) (*cum laude*)
Timothy, Francisca Magum (Biochemistry) (*cum laude*)
Tshimbane, Charity (Biochemistry)
Uheida, Tasnem Emad (Microbiology) (*cum laude*)
Van der Merwe, Leandre (Chemistry)
Van der Westhuizen, Hester Christina (Genetics)
Vermeulen, Wian (Microbiology) (*cum laude*)
Webster, Aiden Joel (Polymer Science)
Wessels, Ilanie (Polymer Science)

Bachelor of Science Honours

Honneurs-Baccalaureus in die Natuurwetenskappe

Anderson, Jenna (Genetics)
Arnolds, Brett Quinlon (Biochemistry)
Asja, Lé-chandré Kristen (Physiological Sciences)
Beaumont, Dominic James Stewart (Biochemistry)
Blumeris, Isabella Cate (Microbiology) (*cum laude*)
Booys, Caren Fredlynn Tamlynn (Physiological Sciences)
Bracken, Georgina Emma (Microbiology) (*cum laude*)
Brand, Emma Esther (Physiological Sciences) (*cum laude*)
Brown, Sabrina Rae (Microbiology) (*cum laude*)
Burger, Andries Louis (Microbiology) (*cum laude*)
Campbell, Courtney (Biochemistry)
Campbell, Kyle (Chemistry)
Chidavaenzi, Michelle Ruvimbo (Genetics)
Christmas, Alistair James Barratt (Microbiology)
Clarke, James Dominic (Biochemistry)
Damon, Kayla Ezra (Genetics)
De Clerk, Megan (Physiological Sciences)

De Villiers, Sophie (Biochemistry)
Domingo, Nabeelah (Chemistry)
Dunjwa, Simbulele Charlotte (Polymer Science) (*cum laude*)
Fortgens, Jocelyn Andrea (Genetics)
Fulop, Kiara (Chemistry)
Henning, Chrisilie (Biochemistry)
Hobson, Amy-lee (Physiological Sciences) (*cum laude*)
Huysamen, Ancois (Chemistry)
Janse van Rensburg, Divan (Physiological Sciences) (*cum laude*)
Josephus, Amy (Biochemistry)
Kambunga, Nobuhle (Microbiology) (*cum laude*)
Kruger, Elna (Biochemistry) (*cum laude*)
Langmead, Bowen Guy (Microbiology) (*cum laude*)
Lekhu, Tsholofelo Faith (Biochemistry)
Lewendal, Haley Josephine (Biochemistry) (*cum laude*)
Lichtenberg, Maria Elizabeth (Physiological Sciences) (*cum laude*)
Louw, Ané (Physiological Sciences)
Louw, Katinka Maria (Biochemistry)
Louw, Mia (Chemistry)
Marongwe, Kurauwone Panashe (Biochemistry)
Mataboge, Amogelang (Biochemistry)
Mndawe, Simangaliso mpilwehle (Biochemistry)
Momberg, Kathleen Antonia (Genetics)
Munnik, Nicole Ines (Chemistry)
Naidoo, Darian (Chemistry) (*cum laude*)
Nel, Vivienne (Genetics)
Noah, Rehana (Physiological Sciences)
November, Toni Angelique (Genetics)
Ntsokolo, Asemi (Physiological Sciences)
Pachinger, Michael Julian (Chemistry)
Perumal, Kashmika (Genetics)
Potelwa, Libonge Uyanda (Physiological Sciences)
Powers, Collette Easton (Physiological Sciences)
Pretorius, Elsa (Biochemistry)
Rassool, Réjane (Microbiology)
Roberts, Reece Bryn (Genetics)
Sampson, Cayley Jade (Biochemistry)
Shazi, Bethaba (Physiological Sciences)
Shipp, Nicole Elizabeth (Physiological Sciences) (*cum laude*)
Sieberhagen, Juliana (Microbiology) (*cum laude*)
Smit, Johanna Magdalena (Microbiology) (*cum laude*)
Smit, Marenique (Biochemistry)
Smit, Nina (Chemistry)
Stabrey, Kirsten (Physiological Sciences) (*cum laude*)
Stephenson, Amy Lauren (Microbiology) (*cum laude*)
Stevens, Ivana (Physiological Sciences) (*cum laude*)
Steward, Kristina Erin (Physiological Sciences) (*cum laude*)
Strydom, Le Roux (Biochemistry) (*cum laude*)
Titus, Conli Ruben Isaac (Biochemistry)
Trollip, Sophia Faye (Genetics)

Van Breda, Danielle (Physiological Sciences)
 Van der Vyver, Cara (Physiological Sciences) (*cum laude*)
 Van der Watt, Isabel Mari (Genetics) (*cum laude*)
 Van der Westhuizen, Shané (Genetics) (*cum laude*)
 Van Greunen, Shumé (Physiological Sciences) (*cum laude*)
 Van Nelson, Toni (Microbiology) (*cum laude*)
 Van Schalkwyk, Chantel (Genetics)
 Van Strijp, Jessica (Physiological Sciences)
 Van Wyk, Megan Chery-lee (Microbiology)
 Van Zijl, Pamela Mary (Microbiology) (*cum laude*)
 Van Zyl, Zandri (Genetics) (*cum laude*)
 Viljoen, Henry Alexander (Microbiology) (*cum laude*)
 Wakens, Anastacia Maria (Physiological Sciences) (*cum laude*)
 Wessels, Hélène Leonora (Microbiology) (*cum laude*)
 Wiese, Daniel Jurgens (Microbiology)

Bachelor of Science Honours in Bio-informatics and Computational Biology
Honneurs-Baccalaureus in die Natuurwetenskappe in Bio-informatika en Berekeningsbiologie

Allies, Devon-Lee
 Bezerra, Natalie Van Wyk
 Blignaut, Sarah (*cum laude*)
 Fourie, Kristi (*cum laude*)
 Gebbie, Caitlin (*cum laude*)
 Green, Shéylle Cassey (*cum laude*)
 Hooper, Michael Seamus Vernon (*cum laude*)
 Kriek, Gertruida Titia (*cum laude*)
 Kruger, Emma Maria
 Lamprecht, Yentl (*cum laude*)
 Loonat, Talhah (*cum laude*)
 Mlungwana, Lisakhanya
 Mokoena, Bridgette Nokwanda
 Nemutshili, Ndivho
 Pettenburger-Perwald, Jorgen Reinhard (*cum laude*)
 Seleko, Bonolo Innocentia
 Short, Caitlin Grace (*cum laude*)
 Tembe, Mzamo
 Van Druuten, Jonathan Paul (*cum laude*)

Bachelor of Science
Baccalaureus in die Natuurwetenskappe

Abrahams, Danielle
 Allie, Zara (*cum laude*)
 Alpes, Shelby Kiara
 Archibald, Zara
 Bakker, Garrick
 Banks, Juliette Estelle
 Barrett, Melissa
 Bates, Madian
 Batwali, Mondeka Patience
 Bauer, Noah Gerard
 Baxter-Elliott, Mia
 Beckley, Emma Paige
 Benning, Taura Olivia
 Bepura, Kimberly Nelia
 Binnekade, Caylin
 Blair, Shane Reece
 Blignaut, Chané

Botha, Marelie Annalet (*cum laude*)
 Bradley, Erin Faye
 Bruwer, Elmi (*cum laude*)
 Bryla, Caitlin
 Bubb, Kayla (*cum laude*)
 Burgess, Declan John
 Bysshe, Amy Shelley
 Charles, Zach
 Charles, Zoë Ruth
 Chetty, Cizario
 Classen, Meagan
 Clayton, Venite
 Coetzee, Anri
 Coetzee, Caelin Maggie
 Combrink, Ilanka
 Conway, Katherine Danielle
 Cornelius, Anzel Joanne
 Crafford, Celeste
 Cronje, Charl (*cum laude*)
 Cundill, Leigh-Anne
 De Bruyn, Zea (*cum laude*)
 De Fondaumiere, Chloe (*cum laude*)
 De Goede, Mia
 De Jager, Nick
 De Lange, Ilse Alet
 Delpport, Welmari
 Diedericks, Clayton John
 Du Plessis, Jessica
 Du Plessis, Mariska
 Du Randt, Simone (*cum laude*)
 De Winnaar, Caitlin
 Ehrich, Michaela Amber
 Erasmus, Marli
 Esterhuizen, Skylah
 Fortune, Jodrin Reevah
 Freeborough, Leah-Jessica
 Froehlich, Inge Zahn
 Gafner, Claire
 Gasson, Zané
 Gelant, Juvinio Gabriel
 Greeff, Dorothea Petronella
 Harvey, Jody Reid (*cum laude*)
 Hassim, Muhammad Farhaan
 Herunga, Liya (*cum laude*)
 Hodgson, Callan Hodgson
 Hoffman, Caitlin Andrea
 James, Matthew Robert
 Janisch, Anna (*cum laude*)
 Janse van Rensburg, Lisa-Mari
 Jansen van Rensburg, Saskia
 January, Kaylee
 Jorgensen, Mia (*cum laude*)
 Joubert, Francois Jean
 Katiyar, Sankalp
 Kearns, Chloe Carla
 Kenny, Haneefah
 Khosa, Fuma Sentence
 Khot, Asil
 Klaas, Asandiswa
 Kruger, Jami
 Kunene, Sanele
 Lakmeeharan, Amaya (*cum laude*)

Lane, Erin Carol
Le Roux, Kaylee
Lind, Sarah
Lombard, Joshua Luke
Lorio, Renke
Loubser, Bea
Loudon, Jessica Louise
Loughor-Clarke, Jenna Catherine
Lourens, Iné
Lumkwana, Lihle
Maclean, Michael James
Madden, Nina Carmen
Makwe, Nokukhanya
Malan, Danieke
Marx, Dylan
Matiwane, Xabiso
Matlala, Oratile Legopo Lebogang
Mbulungeni, Mvuko
Mbuzi, Likhona
Mellin, Holly Jane
Meltz, Talia Sheina
Meyer, Marli
Mgada, Sihlumile
Motseki, Phole
Motshekga, Marothi Kgothatso
Motswane, Koketso Angela
Mouton, Christian Jacques
Mulder, Meghann (*cum laude*)
Muller, Hanro Heinrich
Munford, Daniella
Munnik, Hannah
Myburgh, Nina
Naidoo, Mishaylin Tristan
Naude, Mia
Neethling, Carla Helena
Nel, Kyla
Nhabinde, Carmen
Nkuna, Trust
Nombewu, Buhlebenkosi
Nortjé, Etresia-Marié
Olivier, Ian
Osman, Zainab
Pansegrouw, Philip
Paola, Isabella Rose
Paterson, Miranda Louise
Paton, Ethan
Paulis, Danielle
Payne, Courtney Jade
Pedro, Connor O'Neill
Pereira Guerreiro, Carlos Miguel
Peters, Alexander Thomas
Pheiffer, Cohen
Pienaar, Michaela
Pietersen, Ivan (*cum laude*)
Pretorius, Heleen
Prins, Charlise
Putterill, Caitlin (*cum laude*)
Radebe, Nelisa
Rantasi, Julia Tato
Rebel, Karlijn
Redgard, Kayla
Rolfe, Abigail Heidi

Roome, Melissa
Rossouw, Jordan Entle
Roux, Albertus
Rubler, Lauren
Savio, Francesca Nicola
Schnetler, Zandri (*cum laude*)
Schutte, Danica
Schutte, Mieka
Schwartz, Rone
Seconna, Xena
Shongwe, Nandipha Zolile
Sibisi, Khanyisile Nicole
Singh, Meinka
Sirgel, Amy Anna
Siziba, Nonzwakazi Mandisa
Slabber, Andrea Nicole
Slabbert, Tania
Smith, Schalk Willem Bruwer
Smit, Kayla
Snyman, Cheri
Somagaca, Sijabulile
Sparks, Kyle
Stevens, Ashleigh
Stewart, Kirsten Leigh
Strauss, Johannes Erasmus
Swanepoel, Danielle (*cum laude*)
Swanepoel, Lurize (*cum laude*)
Swart, Celma
Swart, Luan Tristum
Theart, Daniël
Tjivau, Vetjiwa
Turner, Saige Ann
Van Blerk, Hannes
Van den Berg, Jana (*cum laude*)
Van der Berg, Robyn
Van der Merwe, Milla (*cum laude*)
Van der Velden, Emma Jane (*cum laude*)
Van der Walt, Juliette Louise
Van Dyk, Joane
Van Heerden, Ellené
Van Niekerk, K'Mari (*cum laude*)
Van Niekerk, Monique
Van Otterlo, Mikaela Sabine
Van Stavel, Ashley Lynn
Van Zyl, Chantené
Vercueil, Adrienne
Viljoen, Juan Stephan
Visagie, Michelle
Visser, Braam
Visser, Caitlin Ann
Visser, Roxanne
Vogetseder, Sarah
Vowles, Chloe Marie
Walters, Emma
Waters, Courtney Joy
Weight, Ciara
Whitehead, Carey
Whitfield, Tarryn Heather
Williams, Catelin
Wood, Julia Helen
Yuan, Cheng-Chi
Zandberg, Mieke

FACULTY OF SCIENCE FAKULTEIT NATUURWETENSKAPPE

Guy Midgley

Prof Guy Midgley has made exceptional contributions to understanding and addressing climate change risks and solutions in arid ecosystems and social-ecological systems in Southern Africa. He has significantly advanced the field through his roles at the South African National Biodiversity Institute and Stellenbosch University. His leadership as acting director of our School for Climate Studies and Centre for Invasion Biology has been instrumental in fostering multidisciplinary approaches to climate change research and education.

Prof Midgley's influence is evidenced by his National Research Fund A-ratings in Plant Sciences and Earth Sciences, and his inclusion in Thomson Reuters' list of the world's top 200 science influencers in climate change.

As a coordinating lead author for the Intergovernmental Panel on Climate Change (IPCC) and the Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES), his work has had a profound impact on global policy processes and climate change strategies. Moreover, Prof Midgley's dedication to mentoring the next generation of scientists ensures that his legacy will continue to shape climate science and policy for years to come.

Prof Guy Midgley het uitsonderlike bydraes gelewer tot die begrip en hantering van klimaatsveranderingsrisiko's en -oplossings in dorre ekosisteme en sosio-ekologiese sisteme in Suider-Afrika. Hy het die vakgebied aansienlik bevorder deur sy rolle by die Suid-Afrikaanse Nasionale Biodiversiteitsinstituut en die Universiteit Stellenbosch. In sy hoedanigheid as waarnemende direkteur van ons Skool vir Klimaatstudie en Sentrum vir Indringerbiologie neem hy leiding in multidissiplinêre benaderings tot navorsing en onderrig oor klimaatsverandering.

Prof Midgley se A-graderings in Plant- en Aardwetenskappe van die Nasionale Navorsingstigting, sowel as sy insluiting by Thomson Reuters se lys van die wêreld se 200 invloedrykste wetenskaplikes op die gebied van klimaatsverandering, getuig verder van sy invloed.

As koördinerende hoofouteur vir die Interregeringspaneel oor Klimaatsverandering (IPCC) en die Interregeringspaneel oor Biodiversiteit en Ekosisteedienste (IPBES), het sy werk 'n diepgaande impak op wêreldwye beleidsprosesse en klimaatsveranderingstrategieë. Prof Midgley se toegewyde mentorskap aan die volgende generasie wetenskaplikes sorg boonop dat sy nalatenskap nog jare lank klimaatswetenskap en -beleid sal help vorm.



Faculty of Science (Group 2)

10 December 2024 | 13:00

Fakulteit Natuurwetenskappe (Groep 2)

10 Desember 2024 | 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 candidates receiving qualifications by the dean of the faculty and conferment of qualifications by the Vice-Chancellor. |
| | 6. Introduction of the candidate for the Chancellor's Award and presentation of the award by the Vice-Chancellor. |
| | 7. Closing by the 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 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. Voorstelling van die kandidaat vir die Kanselierstoekenning en oorhandiging van die toekenning deur die Visekanselier. |
| | 7. Sluiting deur die Visekanselier. |
| <i>Staan asseblief</i> | 8. Akademiese prosesie verlaat die verhoog. |

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

DOCTORAL QUALIFICATIONS | DOKTORALE KWALIFIKASIES

DOCTOR OF PHILOSOPHY DOKTOR IN DIE WYSBEGEERTE

BADRODIEN, Imraan (Physics)

Two-photon light-sheet fluorescence microscopy with compressed supercontinuum pulses

Two-photon light-sheet fluorescence microscopy has the potential to significantly improve image quality, though requires high pulse intensities for nonlinear optical processes. In this study, a new two-photon light-sheet microscope is developed, integrating the use of broadband supercontinuum pulses, temporally compressed through a collinear time-domain Ptychographic-phase measurement technique. The performance of the microscope is assessed using different spectral-phase measurement techniques, revealing optimised two-photon imaging at fixed excitation powers. The use of compressed supercontinuum pulses results in improved two-photon responses, enhanced image contrast, and higher signal-to-noise ratios compared to conventional methods.

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

JOSIAS, Shane (Applied Mathematics)

Reliable likelihoods for out-of-distribution data from continuous-time normalising flows

Continuous-time normalising flows define invertible transformations between data points and samples from a base distribution, as solutions to a neural differential equation. This study explores two aspects of these generative models: whether regularisation of the transformation dynamics could improve computational efficiency, and whether base distribution multimodality or input feature representation could resolve the problem of unreliable likelihoods from trained flow models. It is found that the benefits of regularisation do not outweigh the computational overhead, and that multimodal base distributions do not resolve the likelihood reliability problem. Structure-obscuring feature representations, on the other hand, improve likelihood reliability substantially.

Supervisor: Prof WH Brink

KITOGA, Steve Lungele (Earth Sciences)

Geochemical investigation of the fluid records and recycling of a palaeoarchean silicified seafloor in the Barberton granitoid-greenstone terrain (3.5-3.2 Ga, South Africa)

Silica-rich metavolcanic and metasedimentary rocks from the Barberton greenstone belt were generated on the Palaeoarchean seafloor due to interaction with seawater. These rocks preserve crucial information about the composition and temperature of the hydrothermal fluids and seawater that existed on the early Earth. Overall, the findings of this study support the idea that seawater-crust interactions influenced the generation of the earliest felsic continents.

Supervisor: Prof G Stevens
Co-supervisor: Prof J-F Moyen (*external*)

NKOCKO AWOUN TSA, Yannick (Applied Mathematics)

Mathematical modelling of electrical conduction in unconsolidated porous media

This study adapts existing geometric pore-scale models to predict the formation factor for electrical conduction in unconsolidated granular and fibre porous media. Anisotropy is accounted for through quantification of the pore-scale linear dimensions of different solid configurations. The novel predictive equations include a percolation threshold porosity to account for the effect of blocked throats. Numerical simulations are performed to compute the formation factor for fibre arrays. An analytical equation for the formation factor-permeability relationship is furthermore derived for isotropic granular media. The mathematical modelling analysis presented contributes to applications involving electrical conduction in the chemical, soil and petroleum engineering industries.

Supervisor: Prof S Fidler
Co-supervisor: Dr GPJ Diedericks

OYEWUMI, Opeyemi (Mathematics)

On the number of different types of dominating sets in graphs

Domination in graphs is a mathematical model for the facility location problem, where the optimal placement of facilities is determined. Both the placement of facilities and the number of different ways to place them are important. This study considers three different types of dominating sets: (ordinary) domination, total domination, and independent domination. For each of these parameters, the number of dominating sets in binary trees is investigated, and the trees that attain the minimum and the maximum number are characterised. For two of the parameters, the binary trees that attain the second smallest number of dominating sets are also established.

Supervisor: Dr A Roux

Co-supervisor: Prof S Wagner

RAZAKARINORO, Faratiana Brice (Mathematics)

On the Siegel zeros of quadratic fields and their applications

In 1935, Carl L Siegel suggested the potential existence of exceptional zeros of Dirichlet L-functions near 1. These zeros, if they exist, would have profound implications in number theory, particularly for the distribution of prime numbers. While mathematicians believe the zeros do not exist, this remains to be proven. Recent efforts focus on measuring how close these zeros could be to 1 if they exist. This study uses mathematical theory and computational methods to establish the best-known explicit bounds on this distance. The results are applied to obtain torsion bounds for complex multiplication (CM) elliptic curves.

Supervisor: Dr D Ralaivaosaona

SHILUNGA, Josia Tulongeni (Earth Sciences)

Controls of hydrothermal fluid flow and gold mineralization in the Twin Hills deposit and adjoining areas, Central Zone, Damara Belt, Namibia

This study investigates the siting, controls and processes that have led to the formation of finely dispersed, disseminated gold mineralisation in the emerging gold province of the Karibib District in central Namibia. Gold was mobilised and transported by hydrothermal fluids during regional tectonism and associated peak metamorphism of rocks of the Damara Supergroup. Fluid flow and the precipitation of gold were promoted in rheologically competent rocks, which provided fracture permeabilities and led to the formation of mineralised, hydrothermal vein stockworks. The study discusses mechanical considerations around fluid flow and mineralisation, and its applications for exploration in the region.

Supervisor: Prof AFM Kisters

WAKU, Yann Mpaka (Earth Sciences)

Genesis and evolution of ore-forming fluid of the orogenic gold deposit in the Kibali District, northeastern Democratic Republic of Congo

The Kibali gold district includes Africa's largest gold mine (>28 million oz gold). This world-class accumulation of gold formed in a portion of the Earth's crust that was fertilised by the presence of both auriferous sedimentary pyrite and an early phase of placer gold development. Later hydrothermal fluids remobilised this gold and effectively concentrated it into ore shoots. The distribution of these shoots is the result of the interference patterns formed from poly-phase structural deformation, the distribution of chemically reactive banded iron formations, and contemporaneous fluid-assisted gold remobilisation. Future gold exploration in Kibali will be significantly enhanced by this new understanding.

Supervisor: Dr BP von der Heyden

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

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

Master of Science

Magister in die Natuurwetenskappe

Adjagba, Olivier Mahumawon (Mathematical Sciences) (*cum laude*)
Agbodoyetin, Aurel Jundolf Selidji (Mathematical Sciences) (*cum laude*)
Andriniaina, Herimampionona (Mathematical Sciences)
Andry, Ny Haingo MiantSATIANA (Mathematical Sciences) (*cum laude*)
Boshoff, Bianca Jade (Botany)
Brand, Kevin (Computer Science) (*cum laude*)
Chelfat, Aness (Mathematical Sciences)
Christoffels, Casey Jade (Earth Sciences)
Dlamini, Linda Wiseman (Mathematical Sciences) (*cum laude*)
Engelen, Arjan (Botany) (*cum laude*)
Foka Takamgno, Carlin (Mathematical Sciences)
Fourie, Heike (Earth Sciences) (*cum laude*)
Fourie, Rynhard Andries (Machine Learning and Artificial Intelligence) (*cum laude*)
Govender, Preston (Machine Learning and Artificial Intelligence) (*cum laude*)
Herimanana, Volana Onisoa (Mathematical Sciences) (*cum laude*)
Jansen van Vuuren, Lide (Earth Sciences)
Joubert, Gideo (Mathematics) (*cum laude*)
Juma, Knight Nasirumbi (Mathematical Sciences)
Kalpelbe, Beria Chingnabe (Mathematical Sciences)
Kargbo, Moses (Mathematical Sciences) (*cum laude*)
Katharoyan, Chaitanya (Zoology) (*cum laude*)
Kitengu, Ester Kanyaa (Mathematical Sciences) (*cum laude*)
Kongo, Vincent Ondima (Mathematical Sciences) (*cum laude*)
Mack, Ethan Eric (Earth Sciences)
Miller, Grant Duncan (Computer Science) (*cum laude*)
Mohamed, Zeinab (Mathematical Sciences) (*cum laude*)
Naude, Francois (Applied Mathematics) (*cum laude*)
Nbouke, Agbokpe Gaglozoun Melchior (Mathematical Sciences) (*cum laude*)
Neethling, Wynand (Machine Learning and Artificial Intelligence) (*cum laude*)
Painting, Cameron (Applied Mathematics)
Rajaonarivonivelomanantsoa, Noelson Sophonie Daniel (Mathematical Sciences) (*cum laude*)
Rakotoniaina, Fameno (Mathematics) (*cum laude*)
Rakotovao, Maminiaina (Mathematical Sciences) (*cum laude*)
Rakotovaomino, Miandrisoa Voara (Mathematical Sciences)
Ramonjison, Tiana Fandresena Gerald (Mathematical Sciences) (*cum laude*)
Randrianantenaina, Jean Lucien (Machine Learning and Artificial Intelligence) (*cum laude*)

Raubenheimer, Hendrik (Machine Learning and Artificial Intelligence) (*cum laude*)
Razafindriamadanarivo, Antonio Yves (Mathematical Sciences)
Razanaparay, Mickaya Aime (Mathematical Sciences) (*cum laude*)
Salim, Aya Hashim Taha (Applied Mathematics)
Sekwati, Noko Mahudu (Earth Sciences)
Smith, Andre (Physics)
Swanepoel, Mia (Applied Mathematics)
Tsiry Meva Sisi, Rakotondratoetra (Mathematical Sciences) (*cum laude*)
Van Litsenborgh, Johan Herman (Machine Learning and Artificial Intelligence) (*cum laude*)
Van Niekerk, Jesse Benjamin (Earth Sciences) (*cum laude*)
Voalaza Mahavily Romuald, Aubert (Mathematical Sciences) (*cum laude*)
Welham, Angela Ruth (Earth Sciences) (*cum laude*)
Woithe, Gerhard Gustav (Physics) (*cum laude*)

Bachelor of Science Honours

Honneurs-Baccalaureus in die Natuurwetenskappe

Abrahams, Jayden (Computer Science)
Armstrong, James Gregory (Computer Science)
Barkley, Liam (Computer Science) (*cum laude*)
Begemann, Cornelius Wilbert (Computer Science)
Bense, Jordan Mathew (Earth Sciences)
Bester, Dirk Wouter (Computer Science)
Bester, Marelle (Physics) (*cum laude*)
Beukes, Jano Coenraad (Computer Science)
Booyesen, Luke Louw (Geoinformatics) (*cum laude*)
Bosma, Bernard Paul (Computer Science)
Botes, Benjamin (Computer Science) (*cum laude*)
Breedt, Janco Titan (Computer Science) (*cum laude*)
Brincker, Neil Andrew (Computer Science) (*cum laude*)
Brittz, Matt (Plant Biotechnology)
Brugman, Leonard (Computer Science)
Burger, Ian Helgard (Earth Sciences) (*cum laude*)
Buys, Jacques, (Laser Physics)
Coetzee, Lené (Plant Biotechnology)
Colesky, Pieter (Computer Science)
Correia, Zachary Owen Lund (Computer Science)
Dastile, Yolanda (Computer Science)
Day, William Richard Osborne (Earth Sciences)
De Jager, Louis (Computer Science)
De Jongh, Jana (Applied Mathematics) (*cum laude*)
De Mon, Zanika Lené (Earth Sciences)
De Waard, Jessica Sarah (Plant Biotechnology) (*cum laude*)
Dekker, Louise Eleanor (Earth Sciences)
Dippenaar, Elizabeth (Biodiversity and Ecology)
Dixon, Jessie Leigh (Plant Biotechnology)
Du Toit, Brian (Plant Biotechnology) (*cum laude*)

Duthie, Kayla Hope (Plant Biotechnology)
 Duyvestyn, Courtney Susan (Physics) (*cum laude*)
 Engelbrecht, Jordan Francis (Biodiversity and Ecology) (*cum laude*)
 Esterhuyse, Nicolene (Plant Biotechnology)
 Evans, Grant (Biodiversity and Ecology)
 Fleidl, Leandru Roland (Applied Mathematics)
 Gamieldien, Ra-ees (Biodiversity and Ecology)
 Giles, Lauryn Clare (Computer Science) (*cum laude*)
 Green, Keenan Michael (Computer Science)
 Groenewald, Calvin (Physics) (*cum laude*)
 Harrison, Peter-Jack (Computer Science) (*cum laude*)
 Hasseriis, Skye Erika (Earth Sciences)
 Henriksen, Dean Anthony (Mathematics)
 Hesselink, Matthew Pienaar (Earth Sciences)
 Honey, Jenna Ann (Applied Mathematics) (*cum laude*)
 Jacobs, Duncan Jerry (Applied Mathematics)
 Jasi, Ruvimbo Lisa (Plant Biotechnology)
 Jeffery, Cindi-Ann (Computer Science) (*cum laude*)
 Jooste, Chante (Physics)
 Karadzandima, Anesu Vimbai Patricia (Earth Sciences)
 Kassier, Anneke Aletta (Biodiversity and Ecology)
 Kesiamang, Pako (Applied Mathematics)
 Keys, Matthew David (Computer Science) (*cum laude*)
 Kinghorn, David Ian (Applied Mathematics) (*cum laude*)
 Kleyn, Danielle Madeleine (Mathematics) (*cum laude*)
 Kornberg, Irina (Biodiversity and Ecology)
 Kruger, Christine (Plant Biotechnology)
 Labberte, Mitchell Ben (Biodiversity and Ecology)
 Labuschagne, Phillip Anton (Computer Science) (*cum laude*)
 Laing, Wian (Computer Science)
 Langley, Joshua Steven (Computer Science) (*cum laude*)
 Le Roux, Iain Mckinnell (Computer Science) (*cum laude*)
 Mafu, Athini (Computer Science) (*cum laude*)
 Malherbe, Lisa (Plant Biotechnology) (*cum laude*)
 Malloch, Kimberly Ann (Applied Mathematics) (*cum laude*)
 Matumba, Rofhiwa Takalani (Computer Science)
 Meyer, Willem (Physics) (*cum laude*)
 Mogni Cardoso, Carlina (Computer Science) (*cum laude*)
 Mudima, Takunda Charles (Geoinformatics)
 Mulryan, Elizabeth Daisy (Plant Biotechnology)
 Mvukwe, Brian (Computer Science)
 Naidu, Kaylan (Computer Science)
 Narayan, Kaveer (Computer Science)
 Ncube, Mhleli Nkosilomusa (Earth Sciences)
 Ndimande, Andile (Plant Biotechnology)
 Ndwandwe, Siphesihle Natatia (Earth Sciences)
 Nel, Zeané (Biodiversity and Ecology)
 Ngoaile, Irvin Carvin
 Ngubane, Zama Nosipho (Plant Biotechnology)
 Oberholzer, Jana (Earth Sciences)
 O'Donoghue, Liam Gregory (Computer Science)
 Olivier, Jessica Esther (Physics)
 Olivier, Kadhan Reza (Computer Science)
 Otter, Ciaran James Grant (Computer Science) (*cum laude*)
 Passanah, Luke DuMayne LeMaistre (Biodiversity and Ecology)
 Paulse, Damian Arthur (Plant Biotechnology)
 Payne, Luke John (Computer Science)
 Phale, Koketso Precious (Applied Mathematics)
 Pheiffer, Joshua (Computer Science)
 Phiri, Justin (Applied Mathematics) (*cum laude*)
 Pistorius, Anwar Jaril (Geoinformatics)
 Pretorius, Adelay (Applied Mathematics) (*cum laude*)
 Pretorius, Bianca (Biodiversity and Ecology)
 Reid, Tristan Samuel (Earth Sciences)
 Rossouw, Anouk Danielle (Plant Biotechnology) (*cum laude*)
 Roux, Anna (Biodiversity and Ecology) (*cum laude*)
 Russouw, Stefan Visser (Computer Science) (*cum laude*)
 Ryklief, Moegamat Nuhr (Applied Mathematics)
 Shabih, Madhia Hussain (Computer Science)
 Shepard, Jordan Luke (Biodiversity and Ecology) (*cum laude*)
 Sherriff, Celia Ida (Physics) (*cum laude*)
 Smith, Daniel Jesse (Computer Science) (*cum laude*)
 Smith, Grant (Biodiversity and Ecology)
 Smith, Lee Vernon (Biodiversity and Ecology)
 Solomon, Clayton (Computer Science) (*cum laude*)
 Stevens, Lara (Earth Sciences) (*cum laude*)
 Stewart, David Corbin (Earth Sciences)
 Stewart, William Carlyle (Mathematics) (*cum laude*)
 Stoffberg, Mia (Mathematics) (*cum laude*)
 Stuart, Angus Abel (Plant Biotechnology)
 Stuurman, Vernon Malcolm (Computer Science) (*cum laude*)
 Swarts, Immanuel Benjamin (Earth Sciences)
 Ter Morshuizen, Lucy Marie (Biodiversity and Ecology)
 Terreblanche, Hendrik (Applied Mathematics)
 Thornton, Skyla (Earth Sciences)
 Truter, Cassidy (Computer Science)
 Van den Berg, Karen (Plant Biotechnology) (*cum laude*)
 Van der Merwe, Merisa (Earth Sciences)
 Van der Merwe, Nicholas (Applied Mathematics) (*cum laude*)
 Van Duivenbooden, Ben (Computer Science)
 Van Staden, Wynand (Computer Science)
 Van Veen, Mika Josie (Applied Mathematics) (*cum laude*)
 Venter, Joshua James (Computer Science) (*cum laude*)
 Venter, Louis Johannes (Computer Science) (*cum laude*)
 Vermeulen, Zander (Computer Science) (*cum laude*)
 Viviers, Gerhardus Johannes (Computer Science) (*cum laude*)
 Vuma, Mbalenhle (Plant Biotechnology)
 Walker, Rowan Lucienne (Earth Sciences)
 Walsh, Aron Tyler (Geoinformatics)
 Weight, Jean (Computer Science) (*cum laude*)
 Westley, Alexander Jonathan (Computer Science) (*cum laude*)
 Wild, Andreas Gerhard (Applied Mathematics) (*cum laude*)
 Woithe, Nina (Earth Sciences)
 Yengana, Linamandla (Earth Sciences)
 Zishiri, Nyasha (Computer Science)
 Zwane, Nothando Baliwe (Plant Biotechnology)

Bachelor of Data Science
Baccalaureus in Datawetenskap

Ehlers, Michelle (*cum laude*)
 Hoffmann, Dirk Wilke
 Schoonbee, Steffan
 Tonitz, Günther (*cum laude*)

**Bachelor of Science
Baccalaureus in die Natuurwetenskappe**

Ashtikar, Sufiyaan
Baloyi, Johannes Ofentse
Barnard, Suné (*cum laude*)
Bennett, Emily Megan
Bienvenue, Tristan Paul
Bossé, Alex
Braxton, Wilmarie
Carolissen, Ayden Thomas
Couper, Peter Jeremy (*cum laude*)
Dickson, Jayden Thomas
Dippenaar, Yvonne (*cum laude*)
Doorman, Amy Jillian
Du Toit, Chizelle
Engelbrecht, Daniel
Fisher, Kyle
Francis, Kelvin
Fyvie, Jenna Susan
Gerber, Ella
Gevers, Matthias Ralf
Green, Laura
Grey, Chanè
Grobbelaar, Karlo Anton (*cum laude*)
Hartley, Keelan Michael
Harvey, Sean
Havemann, Erin May
Hill, Christopher David
Hira, Khiara
Holmes, Amanda
Jacobs, Lara Emily
Johnson, Hugo Emil Jellinek
Kemp, Margaux Darwin (*cum laude*)
Kuzamunu, Glodi Mazandu
Lala, Zirna
Lamprecht, Ernest
Lin, Lu
Linde, Mikela
Loedolff, Regardt
Lourens, Gary Maximilian Raney
Louw, Kyle Jacques
Malherbe, Josie (*cum laude*)
Marais, Neil
Marcus, Shannon-Lee Bianca
Marlor, Matthew Christian
Martin, Timothy James Rennard
Mashedi, Lerato (Earth Science)
Maswanganye, Ntswanano
Mdinwa, Yamkelo
Meiring, Jessica Jayne
Meyer, Mia
Mkhize, Zukisa
Mphahlele, Paseka
Ngcawe, Lutho
Nkala, Nicole Khanyile
Nolte, Hannah
Pereira, Rachel Georgia (*cum laude*)
Porrill, Kerry Jean (*cum laude*)
Powell, John Leith
Powell, Jordan
Prinsloo, Anton (*cum laude*)

Ricketts, Rebecca
Roome, Lia
Schmid, Marcus
Schreuder, Peter Jurianne Van der Heyde
Selokoma, Thapelo Selinah
Sibeko, Thando Sakhile
Sjouerman, Jamie
Smargiasso, Olivia
Spiver, Brandon Dillon
Starke, Caitlin Lee
Steyl, Andre
Steyn, Karla
Theron, Jàzelle
Thiart, Rico Carl
Tredoux, Ingrid
Tsabora, Melisah Kudzai
Van der Steenhoven, Janneke (*cum laude*)
Van der Walt, Johannes Daniel (*cum laude*)
Van Jaarsveld, Justin
Van Rooyen, Olivia Morgan
Van Tonder, Zander Marko
Van Wyk, Caitlynn (*cum laude*)
Van Wyk, Nerine Isabella
Visser, Mia
Van Zijl, Robyn Kay
Wessels, Cornelius Jacobus

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

Bosman, George Frederik
Bosma, Ruben Paul
Bossert, Alex
Bower, Hendrickus Johannes (*cum laude*)
Christie, Ryan Connor (*cum laude*)
Couper, Peter Jeremy (*cum laude*)
Cunningham, Ethan-John (*cum laude*)
De Beer, Arnold Stefan
De Bruyn, Philip
De Lange, Reyan Adriaan
De Ruyter, Ludwig Marinus
Donald, Jonathan
Drotschie, Diehan David (*cum laude*)
Du Plessis, Alek
Dube, Regalo Mkhululi Washington
Fabricius, Hanro
Ferreira, Dominique Jayde
Fowler, Thomas
Gill, Keagan Selwyn
Govender, Tasheel
Gradner, Adam
Guse, Carl Fredrich
Human, Frederick Petrus
James, Jordan Matthew
Janson, Charles
Januarie, Marc Steve
Jenner, Dillon Thomas
Joubert, Francois
Katzenberg, Damien Lewis
Keating, Adam
Khodabucchas, Ismaa'el Muhammad Ibrahim

Kirby, Dylan Trevor
Laurence, William James
Lee, Joel John Owen
Loftie-Eaton, Willie
Loubser, Nicole (*cum laude*)
Mabelane, Kgwadimabushi Sinconor
Mack, Damon
Madangure, Kyle Brandon
Malothana, Emihle
Malothana, Imivuyo
Marais, Jaco (*cum laude*)
Marais, William
Masombuka, Kutlwano Mandla
Mason, Luke Alexander
Mbangela, Thina
Mkhize, Manqoba Trevon
Mostert, Rian
Muller, Kerri Lara (*cum laude*)
Nel, Jean-luc
Patel, Amir
Pazda, Anthony
Pillay, Darushen (*cum laude*)
Rall, Alexander
Shikwambi, Stanley Polly-Carpus Nghilifavali
Slingers, Brad Timothy
Soni, Sanidhya (*cum laude*)
St Arnaud, Benjamin
Steenekamp, Tiaan
Stein, Matthew
Taylor, Seth Gregory
Timmermans, Anna Therese
Van der Merwe, Henry
Van der Walt, Jay
Van Heerden, Shani
Van Rooyen, Justin
Visagie, Schalk Willem
Wessels, Richard
Westraad, Schalk (*cum laude*)
Yates, Luke William

FACULTY OF SCIENCE FAKULTEIT NATUURWETENSKAPPE

Louise Warnich

Prof Louise Warnich is recognised for her significant contributions as our Dean: Science from 2014 to 2023. Her exemplary academic leadership propelled the Faculty to new heights, fostering a platform of excellence in research and teaching in service of society. Her participatory management style helped address many challenges, from #FeesMustFall and Day Zero to the Covid-19 pandemic, inspiring both staff and students.

Her strategic leadership led to the establishment of the Science Advisory Board in 2016, engaging key individuals from business and industry. She identified bioinformatics as a niche area for development, leading to the creation of the Centre for Bioinformatics and Computational Biology in 2017. Prof Warnich also recognised the transformative impact of machine learning and artificial intelligence in higher education, resulting in the graduation of our first cohort of BDatSci students this year.

Under her leadership, a culture of innovation flourished, with the Faculty receiving the Innovus Innovation Award for three consecutive years. Her legacy includes the Catalyst bursary fund for postgraduate students, currently at R13 million, and initiatives such as Science Café Stellenbosch, which fosters public engagement with research.

Throughout her 43-year career, she has published over 130 research papers, with 34 co-authored in the last decade.

Prof Louise Warnich word erken vir haar beduidende bydraes as ons Dekaan: Natuurwetenskappe van 2014 tot 2023. Onder haar voortreflike akademiese leierskap het die Fakulteit nuwe hoogtes bereik en is 'n platform van uitnemendheid in navorsing en onderrig tot diens van die samelewing tot stand gebring. Haar deelnemende bestuurstyl het vele uitdagings die hoof help bied, van #FeesMustFall en Dag Zero tot die Covid-19-pandemie, wat sowel personeel as studente geïnspireer het.

Haar strategiese leierskap het gelei tot die vestiging van die Natuurwetenskappe-adviesraad in 2016, wat kern-individue uit die sake- en nywerheidssektor insluit. Nadat sy bioinformatika as 'n nisgebied vir ontwikkeling identifiseer, kom die Sentrum vir Bioinformatika en Berekeningsbiologie in 2017 tot stand. Danksy prof Warnich se insig in die transformerende impak van masjienleer en kunsmatige intelligensie op die hoër onderwys, gradueer ons eerste groep BDatWet-studente vanjaar.

Onder haar leierskap het 'n kultuur van innovasie gedy, en het die Fakulteit drie jaar ná mekaar Innovus se Innovasietoekening ontvang. Haar nalatenskap sluit die Catalyst-beursfonds vir nagraadse studente in, wat tans op R13 miljoen staan, en inisiatiewe soos Science Café Stellenbosch, wat die publiek se betrokkenheid by navorsing aanmoedig.

Gedurende haar loopbaan van 43 jaar het sy 130 navorsingsartikels gepubliseer en oor die afgelope dekade was sy mede-outeur van 34 artikels.

forward together
sonke siya phambili
saam vorentoe



Faculty of Engineering

10 December 2024 | 17:00

Fakulteit Ingenieurswese

10 Desember 2024 | 17:00

Programme

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

Program

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

Honorary Doctorate | Eredoktorsgraad

FACULTY OF ENGINEERING FAKULTEIT INGENIEURSWESE

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

Strive Masiyiwa

his visionary leadership in developing the telecommunications industry in Africa, his contribution to the socioeconomic development of the continent, his commitment to philanthropy, and his remarkable achievements in the business sector.

A telecommunications and technology entrepreneur, investor and philanthropist, Strive Masiyiwa has made a significant contribution to developing Africa's business landscape. This founder and executive chair of Cassava Technologies is known as one of the pioneers of the telecommunications industry on the continent.

Some of his most prominent start-up companies and investments include Mascom Wireless Botswana, Econet Wireless Zimbabwe, Airtel Nigeria, Liquid Intelligent Technologies Group, 2 Degrees Mobile, and Trilogy Capital Partners Canada.

Masiyiwa is also committed to promoting education and healthcare in Africa. Through his family foundations, Higherlife Foundation and Delta Philanthropies, more than 300 000 scholarships have been awarded to children in Africa. Various initiatives in the fields of public health, girls' empowerment, youth mentorship, rural transformation and other critical social impact initiatives in Africa have also benefited.

His multiple accolades include having been named one of Bloomberg's 50 most influential people in the world in 2020, and one of the ten most powerful men in Africa by Forbes magazine in 2015. In 2014, 2017 and 2021, he was also included in Fortune magazine's list of the world's 50 greatest leaders. In 2023, Masiyiwa was selected as an international honorary member of the American Academy of Arts and Sciences and in October 2024, he was awarded the W.E.B. Du Bois Medal by the Hutchins Center of African and African American Research at Harvard University.

sy visionêre leierskap in die ontwikkeling van die telekommunikasiebedryf in Afrika, sy bydrae tot sosio-ekonomiese ontwikkeling op die vasteland, sy toewyding aan filantropie, en sy merkwaardige prestasies in die sakektor.

As telekommunikasie- en tegnologie-entrepreneur, belegger en filantroop, het Strive Masiyiwa aansienlik bygedra tot die ontwikkeling van die sakelandskap in Afrika. Hierdie stigter en uitvoerende voorsitter van Cassava Technologies is bekend as een van die baanbrekers in die telekommunikasiebedryf op die vasteland.

Van die bekendste maatskappye wat hy op die been gebring en in belê het, sluit in Mascom Wireless Botswana, Econet Wireless Zimbabwe, Airtel Nigeria, Liquid Intelligent Technologies Group, 2 Degrees Mobile en Trilogy Capital Partners Canada.

Masiyiwa is ook verbind tot die bevordering van onderwys en gesondheidsorg in Afrika. Deur sy familiestigtings, Higherlife Foundation en Delta Philanthropies, is meer as 300 000 beurse al aan kinders van die vasteland toegeken. Die stigtings ondersteun ook verskeie inisiatiewe op die gebied van openbare gesondheid, die bemagtiging van dogters, jeugmentorskap, landelike transformasie en ander belangrike sosiale-impakprojekte in Afrika.

Sy lang lys eerbewyse sluit in sy aanwysing as een van Bloomberg se 50 invloedrykste mense ter wêreld in 2020, en as een van die tien magtigste mans in Afrika deur die tydskrif *Forbes* in 2015. Hy is ook in 2014, 2017 en 2021 by die tydskrif *Fortune* se lys van die 50 beste leiers ter wêreld ingesluit. In 2023 is Masiyiwa as 'n internasionale erelid van die Amerikaanse Akademie vir Kuns en Wetenskappe gekies en in Oktober 2024 is hy deur die Hutchins Center of African and African American Research aan die Harvard Universiteit met die W.E.B. du Bois-medalje bekroon.

**DOCTOR OF PHILOSOPHY
DOKTOR IN DIE WYSBEGEERTE**

ARISH, Nima (Electrical Engineering)

Design and performance evaluation of a 5-MW dual three-phase permanent magnet Vernier motor for ship propulsion

This study focuses on the design, optimisation and comparison of 5-MW permanent magnet motors for electric ship propulsion. It includes a comparative analysis of conventional versus Vernier permanent magnet motors, using the finite-element method linked to optimisation algorithms. For the Vernier permanent magnet motor, specific pole ratios and permanent magnet rotor topologies are identified for best performance. Emphasising redundancy and reliability for electric ship propulsion, the study proposes and experimentally validates, for the first time, dual three-phase technology for the identified permanent magnet Vernier motor. This significantly enhances the fault tolerance of the proposed ship propulsion motor drive.

Supervisor: Prof MJ Kamper
Co-supervisor: Prof R Wang

BAAS, Matthew Brandon (Electronic Engineering)

Disentangled representations in speech processing applications

When synthesising speech, we want to control various aspects of the produced speech, such as the speaker identity and emotion. Most existing techniques do this by baking in domain expert assumptions into the model design. However, some aspects of speech are coupled, and prohibit explicit demarcation. Therefore, this study develops methods that learn to disentangle the characteristics of speech implicitly, without domain expert assumptions. It proposes new methods and techniques for both learning and using implicitly disentangled speech representations in several speech-processing tasks. In this way, it demonstrates new capabilities in areas ranging from speech recognition to voice conversion.

Supervisor: Prof H Kamper

CONRADIE, André Stephanus (Electronic Engineering)

Localised solution methods for efficient analysis of large antenna arrays

Antenna arrays are widely used in communication and remote-sensing systems. Their design and calibration are complicated by mutual coupling between elements. To account for this, electromagnetic simulation of the array as a whole is required. The method of moments (MoM) is well suited to this task but becomes computationally expensive for large arrays. This study proposes fast iterative localised solution methods for the MoM analysis of large arrays with disjoint elements. Subproblems with approximate mutual coupling inclusion are iteratively solved, converging to the true MoM result. Significantly faster runtimes than with leading commercial software are demonstrated.

Supervisor: Prof MM Botha

GILIOMEE, Johannes Human (Electronic Engineering)

The energy demand and fulfilment thereof for electric minibus taxis in Sub-Saharan Africa

Emissions from the minibus taxi in the paratransit industry of sub-Saharan Africa are detrimental to both planet and human health and require urgent decarbonisation. We need to understand and quantify these vehicles' energy requirements according to their operational patterns to plan for sufficient and sustainable supply. This study uses measured high-frequency mobility data to improve existing simulation models for accurate interpolation of existing low-frequency tracking data. Using these outputs with a novel grid-simulation tool, the peak-power draw and total energy required for a fleet of electric taxis is determined. Methods to reduce grid impact are also assessed.

Supervisor: Prof MJ Booyesen

JURGENS, Christiaan Johannes (Civil Engineering)

Technology adoption propensity in the construction industry

This study uses diffusion research to quantify the technology adoption propensity of professionals and companies in the construction industry. It finds that construction industry professionals tend to be early majority adopters of technology, whilst companies generally adopt new technologies at a balanced rate (i.e. neither fast nor slow). This outcome is contrary to views often expressed in existing literature, thereby showing that the construction industry is not slow to adopt technology. At the same time, the study finds that improved company technology adoption propensity is needed to address existing concerns in the construction industry. Actionable guidelines are presented to achieve this.

Supervisor: Prof JA Wium

KIBII, Joshua Kiprotich (Civil Engineering)

Assessment of uncertainties associated with the use of alternative satellite-based rainfall estimates in Pitman modelling

The Pitman model, using rainfall as primary input, is widely used in South Africa for water resources management. To be effective, the model needs to be updated regularly using the latest observed rainfall data, which has proved to be challenging during the past decade. To overcome this limitation, a satellite-based Pitman model framework is developed for the simulation of near-present and climate change flows. The framework is tested in three drainage regions in South Africa and is found to adhere to between 70% and 80% of the uncertainty assessment criteria for successful application.

Supervisor: Prof JA du Plessis

KOEGELENBERG, Dirk Johan Coetzee (Industrial Engineering)

A framework for intraday ensemble trading on the foreign exchange market

Although many frameworks for developing financial trading algorithms have been proposed in the literature, these frameworks are often highly context-specific and disregard the potential performance benefits that can be achieved when adopting algorithmic ensemble principles. An intraday ensemble-based trading framework is proposed in this study for addressing the shortcomings of current frameworks available in the literature. In particular, the framework is tailored to provide a detailed (but holistic) road map for designing ensemble-based trading algorithms destined for use on the foreign exchange market. The framework was validated by conducting real-world trading case studies, which demonstrated its value and practicality.

Supervisor: Prof JH van Vuuren

LLOYD, Alexander Michael (Electronic Engineering)

The optimisation of a nanofibre-based biosensor for the detection of targeted analytes

In this study, an electrochemical nanofibre-based biosensor targeted to human C-reactive protein (CRP) is developed. The sensor is composed of a nanofibre-based transducer coupled with anti-CRP antibodies. The transducers, produced using a novel electrospinning configuration and custom polymer blend, are functionalised with streptavidin. Antibodies are bound to the nanofibres after biotinylation. Sensors are exposed to different concentrations of CRP, and a response profile is developed, correlating changes in protein concentration with changes in impedance. This serves as the basis for further research into the development of rapid point-of-care diagnostic devices, which could improve prescription practices and potentially be targeted to other analytes.

Supervisor: Prof WJ Perold

MAREE, Calvin Christopher (Electronic Engineering)

Development of superconducting field-programmable gate array and supporting EDA software

A superconducting field-programmable gate array (SFPGA) consisting of only single flux quantum logic is developed to use technology-specific shift register cells. The SFPGA supports both combinational and sequential logic through novel programmable multi-mode single flux quantum latches. Designs are verified through simulation, and photomasks are laid out for fabrication. Custom software tools are developed to map high-level logic to the SFPGA model, which has been optimised using a benchmark-driven approach. Software improvements generated during the study further enhance logic simulation and verification. This work marks a significant advancement in SFPGA design.

Supervisor: Prof CJ Fourie

MASONDO, Phumlani Thulani (Civil Engineering)

Using concepts of building information modelling (BIM) in support of emerging construction contractors in South Africa

Emerging contractors play a crucial role in South Africa and have the potential to drive economic growth and create employment. However, these contractors have been facing persistent problems in delivering projects effectively. This poor performance poses a challenge to government's pursuit of developmental goals. The business failures of emerging contractors have been extensively researched. This study investigates a practical technical solution that proposes the introduction of lean building information modelling technology to support emerging contractors' project delivery processes. Innovative software application artefacts for the proposed tool are designed, developed, evaluated, and validated as proof of concept.

Supervisor: Prof JA Wium

MULKE, Friedrich Johannes (Industrial Engineering)

A model for the systematic design of railway systems for dedicated rail freight in Southern Africa

This study involves the compilation and calibration of a model for the systemic design of greenfield projects dedicated to pit-to-port rail freight systems in Southern Africa. The design model development entails the capability of determining the rail infrastructure and rolling stock interrelatedness, driven by demand for rail services and the creation of commercial value, expressed as the IRR. The results of simulations highlight the effect of systemic efficiencies on the performance of train operations. The unique characteristics of the design model will enable design engineers to perform trade-off analysis during the early optioneering phases of a new railway project.

Supervisor: Prof JH Havenga

Co-supervisor: Prof J van Eeden

NORTJE, Aletta Susanna Elizabeth (Electronic Engineering)

Visually grounded speech models for low-resource languages and cognitive modelling

This study examines visually grounded speech (VGS) models that learn from unlabelled speech paired with images. It focuses on applications for low-resource languages and understanding human language acquisition. A task called visually prompted keyword localisation is introduced to detect and localise keywords in speech by means of images. The study demonstrates the effectiveness of VGS models in few-shot learning scenarios for low-resource languages such as the West African language Yorùbá. Additionally, it examines the mutual exclusivity bias in VGS models. A monolingual VGS model exhibits this bias that children use in early language learning, although a multilingual model does not match human studies.

Supervisor: Prof H Kamper

PASTELLIDES, Stavros George (Electrical Engineering)

Design of a permanent magnet synchronous motor for an integrated light electric vehicle (EV) motor drive application

This study focuses on designing and evaluating a novel surface permanent magnet (SPM) motor for light electric vehicles (LEVs). Various SPM motor topologies are studied to assess both performance and cost competitiveness. A drive-cycle-based design approach integrating finite element analysis and numerical optimisation is formulated and applied. To validate the design, a prototype of the optimised SPM motor is constructed and experimentally tested. The results show a wide constant power speed range, good cooling capability, and high efficiency, demonstrating its suitability for LEV applications. The proposed design approach also offers potential for broader electric vehicle motor design applications.

Supervisor: Prof R Wang

Co-supervisor: Prof MJ Kamper

SHEWALUL, Yohannes Werkina (Civil Engineering)

Fire behaviour of construction systems incorporating biomass and recycled materials

Biomass and recycled waste construction systems are increasingly being used. This study investigates the fire behaviour of masonry incorporating hemp-based materials as well as recycled crumb rubber and plastic eco-aggregates. Hemp-based materials do not ignite and exhibit low heat release rates (HRRs), but may still char and smoulder. Synthetic eco-aggregates at 20-50% replacement ratios in bricks lead to flaming ignition, with significant HRR and smoke production, thereby affecting fire risk. At 0-10% replacement, materials may only experience smouldering and limited smoke production. All samples studied show significant post-fire strength loss. These novel findings can inform fire design and regulatory guidance to promote sustainable construction without compromising fire safety.

Supervisor: Prof RS Walls

Co-supervisor: Dr N Flores-Quiroz

STRYDOM, Wian (Mechanical Engineering)

Natural draft direct dry cooling system performance at various application scales under steady and transient conditions

Natural draft direct dry cooling systems present an efficient alternative to traditional cooling technologies, reducing complexity and auxiliary power use. This study develops one-dimensional and three-dimensional numerical and co-simulation models to evaluate system performance across various scales under steady and transient conditions. Key findings include the importance of geometric design, which varies by scale, and the impact of recirculation and crosswinds on cooling efficiency. Performance recovery is observed at higher crosswind speeds. Additionally, the study demonstrates effective turbine islanding capabilities and suggests design modifications to improve start-up performance. The findings provide actionable insights for enhancing system performance and industrial applicability.

Supervisor: Dr JP Pretorius

TAPFUMA, Anthony (Chemical Engineering)

Alkaline amino acids in gold leaching: Chemistry and application to Witwatersrand tailings

The study investigates the use of glycine, alanine, cysteine and histidine as eco-friendly alternatives to cyanide in gold leaching from low-grade sources, specifically the Witwatersrand gold tailings. Fourier-transform infrared spectroscopy (FTIR) and density functional theory (DFT) are used to analyse gold-amino acid complexation and predict gold dissolution capabilities. Results show that deprotonated amino acids form the most stable gold complexes. Leaching of tailings from the Witwatersrand demonstrates that alanine and glycine achieve over 90% gold extraction at low pulp densities. Amino acids are established to offer a promising, environmentally friendly and effective alternative to conventional leaching methods.

Supervisor: Dr M Tadie

Co-supervisor: Prof G Akdogan

VAN DER WESTHUYZEN, Nathan Jan (Industrial Engineering)

A fitness landscape-integrated metaheuristic selection and configuration framework for binary programming problems

Because of the wide variety of metaheuristic solution methodologies available, the problem of selecting and configuring the best-suited metaheuristic for any given binary programming problem is a challenging task. An integrated automated metaheuristic selection and configuration framework for binary programming is proposed in this study. The framework addresses the shortcomings of current recommender systems in the literature by providing a detailed road map for generating metaheuristic design and configuration decision support in terms of solution initialisation, search perturbation operators, search termination criteria, and algorithmic hyperparameter values. The framework is demonstrated in the context of a real-world case study involving plant-breeding optimisation.

Supervisor: Prof JH van Vuuren
Co-supervisor: Dr A Colmant

VAN NIEKERK, Benjamin Lipman (Electronic Engineering)

Acoustic unit discovery with zero-resource applications

The goal of acoustic unit discovery is to learn discrete, phone-like representations of speech without labelled data. How do we identify phonetic categories despite differences in context, intonation, speaking rate, and speaker identity? Recent progress has centred around self-supervised learning. Yet a gap remains between acoustic units and phonetic categories. This study explores methods to improve speaker invariance, reduce bitrates, and increase unit consistency. These improvements are tested on various zero-resource tasks: spoken-term discovery, unsupervised voice conversion, and rhythm modelling. The results show that acoustic unit discovery has wide-ranging benefits for zero-resource speech processing.

Supervisor: Prof H Kamper

VAN NIEKERK, Kirsten Jacobus (Chemical Engineering)

Process development for in-situ production and recovery of lipopeptides

Lipopeptides are valuable molecules with foaming, emulsifying, and antimicrobial properties. They show potential as biocontrol agents in agriculture, offering an alternative to synthetic chemicals for phytopathogen management. However, their adoption is challenged by low production yields and difficulties in separation. This study focussed on production and purification methods for lipopeptides using an aqueous two-phase system (ATPS) for *in-situ* separation. By investigating factors such as strain selection, phase behaviour, *in-situ* production and oxygen transfer kinetics, the research demonstrates the ability to move towards a more continuous process of lipopeptide production and separation.

Supervisor: Prof RWM Pott

VAN SCHALKWYK, Pieter Daniel (Electronic Engineering)

Characterisation and modelling of thermal stratification in hot water storage tanks

This study explores thermal stratification in horizontally oriented electric water heaters and buffer tanks, addressing the limited research in this area. A custom experimental setup is used to gather temperature data, which leads to the development of thermal state-space models with high accuracy in predicting stratification and temperature distribution. Additionally, a validated computational fluid dynamics model is created to simulate various heating scenarios, including static heating, water draw, and heat transfer. The findings contribute to understanding energy efficiency in hot water storage tanks and offer practical models for improving energy management strategies in domestic and industrial settings.

Supervisor: Prof MJ Booysen
Co-supervisors: Profs JAA Engelbrecht, JP Meyer

VAN TONDER, Vereese (Electronic Engineering)

Radio frequency interference mitigation using higher order statistics

The MeerKAT is currently the world's best radio telescope, recording faint signals from distant cosmic sources. However, it is also sensitive to terrestrial signals interfering with scientific observations. This study exploits the fact that statistical distributions of astronomical signals generally differ from those of interference. Initially, the bispectrum technique is investigated before establishing that the spectral kurtosis estimator yields better results. The estimator's thresholds are optimised for a specific source and are compared to other interference mitigation strategies, highlighting its strengths and weaknesses. Using this technique can improve an observation by 28% as compared to a current standard.

Supervisor: Dr J Gilmore
Co-supervisor: Dr LC Schwardt (*external*)

WESSELS, Zander Braam (Industrial Engineering)

A walk-forward multi-factor machine learning investment process

Traditional asset management modelling often lacks empirical grounding due to difficulties in historically simulating investment strategies. This study develops a walk-forward platform, inspired by the blackboard-expert architecture, to accurately simulate investment processes and ensure reliable repeatability. The platform addresses biases such as survivorship and forward-looking biases, resulting in a true hypothesis-testing engine. Using this platform, the study progressively combines ideas from traditional finance, machine learning and particle swarm portfolio optimisation into a single, scalable framework. This approach leads to a data-driven, autonomous investment process and introduces a novel, empirically validated investment strategy for the Nasdaq.

Supervisor: Prof AP Engelbrecht

Faculty of Engineering

Fakulteit Ingenieurswese

OTHER QUALIFICATIONS | ANDER KWALIFIKASIES

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

Appel, Anneri (Biomedical Engineering) (*cum laude*)

Master of Engineering **Magister in die Ingenieurswese**

Barends, Umr (Electronic Engineering)
Bernreuther, Marius Raphael (Engineering Management) (*cum laude*)
Bhayat, Moegamat Tashriq (Civil Engineering) (*cum laude*)
Bootha, Dawid Frans (Electrical Engineering) (*cum laude*)
Ciftci, Muhammed Ali (Engineering Management)
Cilliers, Abraham Albertus (Electronic Engineering) (*cum laude*)
Conradie, Stefan Francois (Industrial Engineering)
De Jongh, Mila (Mechatronic Engineering) (*cum laude*)
Di Leva, Jason Antonio (Electronic Engineering)
Dorfling, Anchal (Electronic Engineering)
Dreckmeyr, Emi (Electronic Engineering) (*cum laude*)
Eksteen, Dylan Charl (Mechatronic Engineering) (*cum laude*)
Enslin, Morné (Civil Engineering) (*cum laude*)
Fataar, Sa'eed (Mechatronic Engineering)
Gangat, Mohamed Riyadh Haroon (Civil Engineering)
Gould, William Ronald (Electrical Engineering) (*cum laude*)
Halstead, Andrew Robert (Chemical Engineering)
Ikin, Ross Patrick (Civil Engineering)
Ipser, James (Mechanical Engineering) (*cum laude*)
Kanhukamwe, Tafadzwa Nathan (Engineering Management)
Kapenda, Deborah (Industrial Engineering)
Karamanski, Stefan (Mechanical Engineering) (*cum laude*)
Kasozi, Adam Matovu (Civil Engineering)
Knight, Michael Sean (Electronic Engineering) (*cum laude*)
Landmann, Marius Benedikt (Engineering Management)
Lesofe, Ts'olo Ernest (Chemical Engineering)
Liebenberg, Andries (Mechanical Engineering) (*cum laude*)
Lochner, Louis John Frederick (Industrial Engineering) (*cum laude*)
Lotriet, Andries Phillipus (Electronic Engineering)
Loubser, Simone Diana (Chemical Engineering)
Maibi, Thabo Pillemon (Industrial Engineering)
Marais, Eugène Claude (Mechanical Engineering)
Mashayamombe, Tafadzwa (Industrial Engineering) (*cum laude*)
Mathebula, Ivan Pardon (Chemical Engineering)
Murphy, Abigail (Civil Engineering)
Musonda, Angel (Civil Engineering) (*cum laude*)
Ntsetselane, Moleboheng Flora (Chemical Engineering)
Nyalungu, Kennedy (Chemical Engineering)
Nyombi, Sidney Senyonjo (Civil Engineering) (*cum laude*)

Ogunmodede, Oluyinka Adewuyi (Industrial Engineering) (*cum laude*)
Oosthuizen, Zander Hanro (Chemical Engineering)
Ponto, Lobiane (Chemical Engineering)
Puspanathan, Thamilini (Engineering Management) (*cum laude*)
Rabie, Leonora (Industrial Engineering)
Richardson, Elizabeth Helen (Civil Engineering)
Ruzario, Souzah Emmanuel (Electronic Engineering)
Sheehama, Andreas (Electrical Engineering)
Sirin, Havvanur (Engineering Management)
Slabber, Dirk Andre (Electronic Engineering) (*cum laude*)
Smit, Divan (Mechatronic Engineering)
Smit, Jacomien (Industrial Engineering) (*cum laude*)
Theron, Danie (Civil Engineering) (*cum laude*)
Tromp, Megan Caley (Chemical Engineering) (*cum laude*)
Van den Berg, Pieter Leon (Chemical Engineering)
Van der Vyver, Christiaan Steyn (Chemical Engineering)
Van der Walt, Jean Louis (Electronic Engineering) (*cum laude*)
Vermeulen, Zara Stefanie (Civil Engineering) (*cum laude*)
Visser, Ryno (Mechatronic Engineering) (*cum laude*)
Willemse, Brendan (Mechanical Engineering) (*cum laude*)
Wilson, Kyle (Mechanical Engineering) (*cum laude*)

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

Abass, Moeneeb
Bornschlegell, Vitor Hugo (*cum laude*)
Dolph, Lindokuhle
Emmett, Liam Robert
Erasmus, Anje Raen (*cum laude*)
Gambushe, Andile Elrich
Havenga, Lara (*cum laude*)
Ikin, Alex
Janse van Rensburg, Caroline Eleanor (*cum laude*)
Makhananise, Mohau Surprise
Makungo, Rendani
Mashabela, Hlabirwa Mabokalake
Mokoena, Bokang Ignatius
Ncube, Busisiwe Nokuthula
Ndlovu, Andile
Ngqutwana, Acwengile
Phakoe, Reabetsoe Claurina
Ramadziela, Rinae Rodney
Ray, Isabel Fredrika (*cum laude*)
Samuwi, Laston
Van Kradenburg, Vanessa Loretta
Van Zyl, Eben-Daniël
Victor, Gerhard
Wissing, Julian (*cum laude*)

Bachelor of Engineering
Baccalaureus in die Ingenieurswese

Aakmann-Visher, Hauke (Mechatronics)
Abdullah, Haadiya (Chemical)
Abelson, Daniel Joe (Electrical and Electronic)
Adams, Dyllan Ray (Mechanical)
Adendorff, Danel (Electrical and Electronic) (*cum laude*)
Adonis, Gabriel Shawn (Mechatronics)
Agenbag, Gideon Petrus (Mechanical)
Albertyn, Dihan (Civil)
Allan, Kyle Anthony (Civil)
Allschwang, Regan (Chemical)
Altenroxel, Danica Tarryn (Electrical and Electronic)
(*cum laude*)
Anastasis-Lan, Luca (Mechatronics) (*cum laude*)
Anderson, Emma Jane (Civil) (*cum laude*)
Ansley, Aidan Michael (Industrial)
Anthony, Benjamin Matthew (Civil)
Arendse, Lynzee (Industrial)
Barclay-Loggie, Benjamin Donald (Mechatronics)
Barnard, Rhys (Mechanical)
Bawa, Zayaan (Mechanical)
Bayly, Francis-Carr (Mechatronics)
Beattie, Matthew James (Electrical and Electronic)
(*cum laude*)
Beavon, Ryan David (Mechatronics)
Bedderson, Charis Ann (Mechanical)
Beresford, Matthew Jett (Mechatronics)
Berrington, Mikael (Industrial)
Bester, Dané (Industrial)
Bester Kristi (Industrial)
Bester, Lindelize (Mechatronics) (*cum laude*)
Beukes, Dirk Stoffberg (Electrical and Electronic)
Beukes, Logan Devan (Civil)
Beyer, Michael Lee (Mechatronics)
Beyers, Cornelis Pieter De Leeuw (Mechatronics)
Bezuidenhout, Garth Derek (Industrial)
Bezuidenhout, Tiaan (Mechatronics)
Bikwa, Tebogo (Civil)
Binza, Dave Makabongwe (Industrial)
Bixa, Simfumene (Civil)
Borain, Luke Geoffrey (Chemical)
Boshoff, Christo (Mechatronics) (*cum laude*)
Botha, Delport Wessels (Mechatronics)
Botha, Lunéll (Industrial)
Botha, Shani Louise (Industrial)
Botha, Shaun Denis (Mechanical)
Botha, Tiaan Regardt (Electrical and Electronic)
Boyes, James Andrew (Civil)
Bradfield, Aiden (Industrial)
Brandt, Roelof Aiden (Mechatronics)
Bray, Claudia Madeleine (Mechatronics)
Brewis, Luc (Mechatronics)
Briel, Kaylee (Industrial)
Britz, Celia (Mechanical)
Bromley, Georgina (Mechatronics)
Broos, Juvan (Mechatronics) (*cum laude*)
Brundyn, Steffan Alexander (Mechanical) (*cum laude*)
Buhrmann, Bernhard Van Zyl (Mechatronics)
Bundy, Dean (Civil)
Burger, Frances (Industrial)
Burns, Juliet (Electrical and Electronic)
Carstens, Björn Horst (Electrical and Electronic)
Carstens, Simone Louise (Industrial)
Cato, Nicholas Hunter (Mechanical) (*cum laude*)
Chamberlain, Benjamin Michael (Mechatronics)
Channon, Georgia Riekie (Industrial)
Cheesman - Hooper, Robert Wyndham Cheesman
(Mechanical)
Chellan, Tashreeq (Electrical and Electronic)
Christians, Gabbi Shae (Chemical)
Chuang, Li-Yang (Mechatronics)
Church, Sarah May (Electrical and Electronic)
Coetzee, Dylan (Electrical and Electronic) (*cum laude*)
Coetzee, Godfried Johannes (Industrial)
Coetzee, Jasper Daniël (Electrical and Electronic)
Coetzee, Nico (Mechanical)
Coetzer, Annique (Industrial)
Collen, Edwin Willem (Electrical and Electronic)
Colyn, Lize-Mari (Industrial)
Daly, James (Electrical and Electronic)
Damon, Clement Andrew (Electrical and Electronic)
Daneels, Alexander Luke (Electrical and Electronic)
Day, Nicholas Ernle (Electrical and Electronic)
De Freitas, João Pedro (Electrical and Electronic)
De Kock, André Leonard (Electrical and Electronic)
De Kock, Christian (Electrical and Electronic)
De Kock, Olivia Kathleen Cecilia (Chemical)
De la Bat, Jacques (Industrial)
De Leeuw, Shayla Keray (Electrical and Electronic)
De Nicker, Agnew Juan (Electrical and Electronic)
De Villiers, Marco (Electrical and Electronic)
De Wet, Johan Cilliers (Electrical and Electronic)
De Wet, Leane (Mechanical)
Delmulle, Keenan Troy (Electrical and Electronic)
Delpont, Oliver Jac (Mechatronics)
Dicey, Christopher Peter (Mechatronics) (*cum laude*)
Dramat, Achmad Zaheer (Electrical and Electronic)
Du Bois, Joubert Francois (Mechatronics)
Du Plessis, Remi Cade (Mechatronics)
Du Toit, Van der Merwe (Electrical and Electronic)
Dube, Tess (Civil)
Duncan, Angus Pieter (Electrical and Electronic)
Dunne, Conor (Chemical)
Eksteen, Neil John (Civil)
Els, Marisa (Mechatronics)
Emanuel, Benjamin David (Mechatronics)
Engelbrecht, Stevan (Electrical and Electronic) (*cum laude*)
Engelbrecht, Tian (Electrical and Electronic)
Erasmus, Alrick James Wesley (Civil)
Erasmus, Duncan (Electrical and Electronic)
Esau, Abdurahmaan (Electrical and Electronic)
Esau, Fadlur-Rahman (Mechanical)
Espinoza, Sarah Ashley (Mechatronics) (*cum laude*)
Esterhuysen, Michael Johan (Electrical and Electronic)
Esterhuysen, Tia (Industrial)
Evans, Ryan Bradley (Civil)
Faure, Roche Noel (Electrical and Electronic)
Finsen, Matthew Daniel (Industrial Engineering)
Fischer, Jakobus George (Electrical and Electronic)
Flaum, Kiara-Lee (Mechatronics)
Flood, Christopher Michael (Mechatronics)
Fox, Johnathan (Civil)

Frey, Jandr  (Mechatronics)
 Gaffoor, Ubaidullah (Electrical and Electronic)
 Gambarana, Matthew (Industrial)
 Geerds, Andrew Philip (Electrical and Electronic)
 Geldenhuys, Ismaeel (Industrial)
 Gerber, Leam (Civil)
 Geyer, Nortier Cornelius Albertus (Electrical and Electronic)
 Ghoor, Altaaz Fazeel (Mechatronics)
 Giltrow, Jaimee Elizabeth (Industrial)
 Godbolt, Ryan John (Chemical)
 Gombos, Kaylin (Chemical)
 Goosen, Jean-luc (Civil)
 Gouws, Dani l (Electrical and Electronic) (*cum laude*)
 Green, Colby Scott (Electrical and Electronic)
 Grobbelaar, Frederik Russouw (Electrical and Electronic) (*cum laude*)
 Grobler, Nikita (Industrial)
 Gutter, Mary Anne (Chemical)
 Hall, Julia Lindsay (Mechatronics)
 Hansen, Boaz Knud (Industrial) (*cum laude*)
 Hansen, Joseph (Electrical and Electronic)
 Hargreaves, Andre Craig Junior (Chemical)
 Haridass, Prayasta (Electrical and Electronic)
 Hastings, Liam John (Mechanical)
 Havenga, Corne (Industrial)
 Hayward, Nicola Louise (Chemical)
 Hazell, Jordan Luke (Mechanical)
 Heathfield, Michael Malcolm (Mechatronics)
 Henderson, Matthew (Electrical and Electronic)
 Heppell, Reeve (Industrial)
 Heunis, Nadia Lorraine (Industrial)
 Hickson, Courtney (Civil)
 Higgo, Pierre-Duan Pieter (Electrical and Electronic)
 Hislop, Jeanne Elizabeth (Industrial)
 Hofmeyr, Nika (Electrical and Electronic)
 Horn, Susan Elizabeth (Electrical and Electronic)
 Howlett, Isabel Jennifer Hugo (Mechanical)
 Hughes, Brogan Caleigh Macqueen (Civil)
 Hugo, Anienke (Industrial)
 Hugo, Hendrik Andries Roux (Electrical and Electronic)
 Hugo, Werner (Industrial)
 Hunter, Robert Alan Leith (Mechanical)
 Hurst, Kyle Alexander (Mechatronics)
 Isaacs, Abdul Taalib (Mechanical)
 Jacobs, Antonie Willem (Industrial)
 Janse van Rensburg, Kyle (Electrical and Electronic)
 Janse van Rensburg, Willem Adriaan (Electrical and Electronic)
 Jansen, Robin Leigh (Electrical and Electronic)
 Jasprica, Luka Dario (Mechanical)
 Jiri, Takudzwa Michael (Electrical and Electronic)
 Jonker, Keith (Mechatronics)
 Jordaan, Louis Hugo (Electrical and Electronic)
 Joseph, Erin (Civil)
 Joubert, Jan Gustav (Industrial)
 Keyser, Alex (Mechanical)
 Khan, Umr (Electrical and Electronic)
 Kilian, Berna Maria (Industrial)
 Kl smann, Coenraad Eduard (Mechatronics)
 Knipe, Richard Alexander (Electrical and Electronic)
 Kriel, Conrad Dawid (Chemical)
 Kristensen, Peter Carl (Mechatronics)
 Kritzinger, Koert Rudolph (Industrial)
 Kruger, Rayde Andrew (Mechatronics) (*cum laude*)
 Kucherera, Tafadzwa Dean (Mechatronics)
 Kuhn, Tegan (Industrial)
 Lamprecht, Petrus Hendrik (Chemical)
 Le Roux, Conrad Christiaan (Mechanical)
 Le Roux, Jan Ernst (Electrical and Electronic)
 Le Roux, Ruan (Mechatronics) (*cum laude*)
 Leach, Luche (Industrial)
 Lesch, Dries (Mechatronics)
 Levin, Talia Hannah Margaret (Electrical and Electronic)
 Liberty, Aarifah (Civil)
 Liebenberg, Gabrielle (Electrical and Electronic)
 Liebenberg, Reece William (Mechatronics)
 Lloyd, Daniel Hearn (Mechatronics)
 Lochner, Matthew Dylan (Chemical)
 Lombard, Hermanus Albertus Jacobus (Mechatronics)
 Long, Kevin Brian (Mechanical)
 Looek, Charl (Industrial)
 Lotter, Fabian Christopher (Mechatronics)
 Lotriet, Shane (Chemical)
 Loubser, Christel (Electrical and Electronic)
 Loubser, Muller Stephan (Mechatronics)
 Loubser, Pieter Eduard (Industrial)
 Louw, Abraham Hendrik Petrus (Civil)
 Louw, Henry Charles (Electrical and Electronic)
 Low, Andrew Joseph (Mechatronics) (*cum laude*)
 Loxley, Rhys Jordan (Mechatronics)
 Lubbe, Clara (Electrical and Electronic) (*cum laude*)
 Lusheshe, Marcela (Civil)
 Maboe, Mpho Keabetswe (Industrial)
 Mackintosh, Angus Todd (Industrial)
 Madsen-Leibold, Gerard (Electrical and Electronic)
 Maharaj, Arveer Ramdhanee (Mechanical)
 Makhani, Kharendwe Innocent (Mechatronics)
 Malan, Kara (Industrial)
 Maleke, Lekhotla Gerard (Civil)
 Marais, Elgeron Renaldo (Mechanical)
 Marais, Petrus Johannes (Electrical and Electronic)
 Marewangepo, Leroy (Mechanical)
 Maritz, Emeale Pieterse (Mechanical)
 Martin, Nico (Mechatronics)
 Matikiti, Tanaka Gilbert (Mechanical)
 McDermott, Matthew James (Mechatronics)
 Mc Donald, Ian Hercules (Electrical and Electronic)
 McHugh, Michael Damian (Mechatronics)
 McMeeking, Luke Christopher (Industrial)
 Ndovane, Kamva (Civil)
 Menezies, Luke Hayden (Mechanical)
 Meyer, Heste (Industrial)
 Meyer, Nicolaas Stephanus Hendrik (Mechatronics)
 Mhishi, Lovejoy (Electrical and Electronic)
 Miga, Raymond (Mechatronics)
 Miles, Cole (Mechatronics)
 Miot, Nicholas Marc (Mechatronics)
 Mlobeli, Asisipho (Electrical and Electronic)
 Mngoma, Manqoba (Electrical and Electronic)
 Moffat, Ryan (Mechatronics)
 Mokone, Kgosietsile Lesedi Ketumile (Civil)
 M ller, Lara Katherine (Industrial)
 Moodley, Arishan (Chemical)
 Moonsamy, Kaden (Chemical) (*cum laude*)

Mostert, Ewan Nathaniel (Electrical and Electronic)
 Mouchtouris, Xari Nikolaki (Electrical and Electronic)
 Mudau, Gudani Elton (Mechatronics)
 Mulcahy, Emma May (Industrial)
 Mullah, Daanyaal (Electrical and Electronic)
 Muller, Dihan Albert (Mechatronics)
 Muller, Gemma Leigh (Chemical) (*cum laude*)
 Muller, Juan-Luc (Mechatronics)
 Mustapha, Hamida Oluwatoyin Mwila (Electrical and Electronic)
 Myburgh, Dillan (Civil)
 Najjaar, Zaid (Mechanical)
 Nassar, Mazen (Mechatronics)
 Nchabeleng, Goitsemang Tshiamo (Mechatronics)
 Ndhambani, Ntsako Victor (Electrical and Electronic)
 Ndovane, Kamva (Civil)
 Nel, Tristan Ondrej (Mechanical)
 Nevhutalu, Wavhudi Livhuwani (Chemical)
 Nieuwoudt, Zoë Louise (Electrical and Electronic)
 Nkosi, Sazi Bill (Mechatronics)
 Noland, Jacob (Electrical and Electronic)
 Norval, Luca (Mechanical)
 Nwagboso, Chidinma Chika Janet (Mechatronics)
 Nyagondore, Bill Grant (Mechanical)
 Nyasulu, Wanangwa Peter (Mechatronics)
 Oberholster, Liam (Mechatronics)
 Obermeyer, Daniel Jacobus (Industrial)
 Olivier, Nico Francois (Industrial)
 Omar, Aaliyah (Mechanical)
 Oosthuizen, Anouk (Industrial)
 Oosthuizen, Gerhardus Cornelius (Electrical and Electronic)
 Oosthuizen, Gerrit Christiaan (Electrical and Electronic)
 Oosthuizen, Pieter Stefan (Mechatronics) (*cum laude*)
 Orrock, William James (Mechatronics)
 Ou, Xin Sen (Electrical and Electronic)
 Overbeek, Jàen-Henri (Civil)
 Pasipamire, Takudzwa Ryan Pritchard (Civil)
 Peter, Nicholas Jordan (Electrical and Electronic)
 Phiri, Kelebogile Montle (Chemical)
 Pienaar, Andrew (Mechatronics) (*cum laude*)
 Pietersen, Ashwin Bradley (Electrical and Electronic)
 Pistorius, Anja (Chemical)
 Pope, Caid Bruce (Electrical and Electronic)
 Porteus, Yune (Mechatronics)
 Praetorius, Xander Weimann (Mechatronics)
 Pretorius, Lise-Mari (Mechatronics)
 Prins, Ané (Industrial)
 Prinsloo, Jacobus (Chemical)
 Rajkumar, Khae'Lin (Civil)
 Raubenheimer, Zander (Electrical and Electronic)
 Rautenbach, Alain (Industrial)
 Rawoot, Ayoub (Mechanical)
 Reyneke, Dewald (Civil)
 Reynolds, Justin Peter (Chemical)
 Richardson, Abbey Carole (Civil)
 Ridout, Caitlin (Mechatronics)
 Rive, Rhoan Terran (Mechatronics)
 Robertson, Connor Michael (Electrical and Electronic)
 Robus, Tyler (Mechatronics)
 Roche, Andrew nigel (Mechatronics)
 Roelofse, Hendrik Johannes (Chemical)
 Roos, Marius Adriaan (Electrical and Electronic)
 Rossouw, Cornelis Johannes (Industrial)
 Rossouw, Willem Cornelis (Electrical and Electronic)
 Roux, Ruach (Mechanical)
 Roxburgh, Nikita Lorien (Mechatronics)
 Roychoudhury, Saurabh (Electrical and Electronic)
 Rust, Nicolas (Electrical and Electronic)
 Rwamwema, Edmund (Civil)
 Ryklief, Luqmaan (Industrial)
 Salaam, Nur Mogammad (Industrial)
 Samuel, Rafael Percy (Electrical and Electronic)
 Samuels, Liam Nkosinathi (Electrical and Electronic)
 Schneider, Franco (Mechanical)
 Sedras, Diégo Aidan (Electrical and Electronic)
 September, Nicane Walton (Mechanical)
 Shaboodien, Sameer (Electrical and Electronic)
 Sheik Ebrahim, Saadia Bibi (Chemical)
 Sheppard, Kian Luke (Industrial)
 Sibisi, Sinamahlase (Mechanical)
 Sim, Matthew Deans (Electrical and Electronic)
 Sineli, Siyamtanda Hope (Civil)
 Sirilall, Kyle (Electrical and Electronic)
 Slabber, Charlotte (Mechanical)
 Slater, Leanrey (Mechanical)
 Smith, Clarice (Chemical)
 Smith, Mathias Adrian Gronum (Mechatronics) (*cum laude*)
 Smith, Rory Harris (Mechanical)
 Smith, Tristan (Civil)
 Smit, Johannes Dawid (Mechatronics)
 Smit, Marizanne (Industrial)
 Sorour, Samuel Reem (Electrical and Electronic)
 Stassen, Ivan Hubert (Mechatronics)
 Stratford, Halloran (Electrical and Electronic)
 Stroebel, Mieke (Chemical)
 Strydom, Keagan (Mechatronics) (*cum laude*)
 Strydom, Sebastian (Industrial)
 Suleiman, Mohamed Saeed (Mechatronics)
 Supra, Armand (Civil)
 Swanepoel, Jana (Mechatronics)
 Swanevelder, Dewald Jacobus (Mechatronics)
 Swapi, Lukhanye (Chemical)
 Swartbooi, Caitlin Theresa (Electrical and Electronic)
 Swart, Lené (Mechatronics)
 Swart, Robert (Civil)
 Tate, Matthew Richard (Mechatronics)
 Taute, Britney Cleo (Electrical and Electronic)
 Thabethe, Samkelo (Electrical and Electronic)
 Theron, Daniel De Villiers (Electrical and Electronic)
 Theron, Laetitia Elizabeth (Electrical and Electronic)
 Thesnaar, Talita Jean (Civil)
 Thomas, Jeanri (Industrial)
 Thuynsma, Wybrand Möller (Civil)
 Truter, Christiaan Francois (Mechanical)
 Truter, Dean Schindler (Mechatronics)
 Valentine, Reece Campbell (Industrial) (*cum laude*)
 Van den Bergh, Emma Josey (Industrial)
 Van den Heever, Petrus-Johan Jo-An (Mechanical)
 Van der Merwe, Amanda Christina (Electrical and Electronic)
 Van der Merwe, Genna (Industrial)
 Van der Merwe, Henry Richter (Chemical)
 Van der Merwe, Kyle (Civil)
 Van der Meulen, Lucy (Industrial)
 Van der Riet, Jonathan (Mechatronics)

Van der Schyff, Mugammad Yaseen (Electrical and Electronic)
 Van der Vinne, Arno Menno (Mechatronics)
 Van der Westhuijzen, Albert Jacques (Mechatronics)
 Van der Westhuizen, Xander (Mechanical)
 Van Dolderen, Roean (Mechanical)
 Van Dyk, Barry John (Electrical and Electronic)
 Van Jaarsveld, Wynand Jacobus (Electrical and Electronic)
 Van Kamp, Denise (Mechanical)
 Van Nieuwenhuizen, Danielle (Mechatronics)
 Van Nimwegen, Daniel Alexander (Mechatronics)
(cum laude)
 Van Rhyn, Petrus Benjamin (Industrial)
 Van Schalkwyk, Reinhard (Mechanical)
 Van Tonder, Bernardus Wilhelm Daniël (Electrical and Electronic)
 Van Velden, Wouter De Wet (Mechatronics)
 Van Woerkom, Reece Lawrence (Electrical and Electronic)
 Van Wyk, Johannes Wilhelm (Industrial)
 Van Wyk, Steyn Lourens (Electrical and Electronic)
 Van Zyl, Alèza (Industrial)
 Van Zyl, Andre (Industrial)
 Van Zyl, Celenté (Mechatronics) *(cum laude)*
 Van Zyl, Zack Adriaan (Industrial)
 Van Zyl, Zaskia (Electrical and Electronic)
 Van Zyl, Ziaan (Electrical and Electronic)
 Veenstra, Gavin Bruce (Civil)
 Veldsman, Carmin (Chemical)
 Venter, Alana (Electrical and Electronic)
 Venter, Alec Martin (Industrial)
 Vergeest, Karen Sigrid (Electrical and Electronic)
(cum laude)
 Vermaak, Reeder J (Industrial)
 Vermeulen, Alethea (Electrical and Electronic)
 Vermeulen, Conrad Harold (Electrical and Electronic)
 Vermeulen, Tim (Industrial)
 Versfeld, Mia Josie (Mechatronics) *(cum laude)*
 Virgin, Bradley (Mechanical)
 Visser, Gerben (Electrical and Electronic) *(cum laude)*
 Visser, Hanlie (Industrial)
 Visser, Hendrik Gideon (Mechanical)
 Visser, Izak Cornelius Hendrikus (Civil)
 Vivier, Christiaan Louis (Chemical)
 Vivier, George Frederick (Industrial)
 Von Broembsen, Connor Otto (Mechatronics)
 Wademan, Ronan Thomas (Mechatronics) *(cum laude)*
 Wagener, Johannes Christiaan (Mechatronics)
 Walker, Liam (Electrical and Electronic)
 Walter, Stephen (Mechatronics)
 Wandera, Akram (Civil)
 Wasserman, Johan Georg (Mechanical)
 Wasserman, Leasje (Industrial)
 Welsh, Jordan (Electrical and Electronic)
 Weschta, John-Georg (Industrial)
 West, Ethan (Mechatronics)
 Weyermüller, Jaron (Electrical and Electronic) *(cum laude)*
 Whitfield, Justin Peter (Mechatronics)
 Whitward, Sebastiaan William Antoon (Civil) *(cum laude)*
 Williams, Bronwyn Amy (Chemical)
 Williams, Cameron Scott (Civil)
 Williamson, Taylor Reece (Mechatronics)
 Wilson, Maynard Cyle (Industrial)
 Wilson, Robert Thomas (Electrical and Electronic)

Wishart, Nicholas David (Electrical and Electronic)
 Worsley, Liam (Mechanical)
 Wykerd, Daniël (Electrical and Electronic) *(cum laude)*
 Young, Meghan (Industrial)
 Zeeman, Schalk Willem (Mechatronics)
 Zietsman, Erin Caitlyn (Mechatronics)
 Zingxashi, Emihle (Electrical and Electronic)
 Zondagh, Ben-Paul (Electrical and Electronic)

National anthem

Nasionale volkslied

Nkosi Sikelel' iAfrika
Maluphakanyisw' uphondo lwayo,
Yizwa imithandazo yethu,
Nkosi sikelela, thina lusapho lwayo

Morena boloka setjhaba sa heso,
O fedise dintwa le matshwenyeho,
O se boloke, O se boloke setjhaba sa heso,
Setjhaba sa South Afrika - South Afrika.

Uit die blou van onse hemel,
Uit die diepte van ons see,
Oor ons ewige gebergtes,
Waar die kranse antwoord gee,

Sounds the call to come together,
And united we shall stand,
Let us live and strive for freedom,
In South Africa our land.

forward together
sonke siya phambili
saam vorentoe

Engage with us • Raak betrokke

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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.

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