

UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG

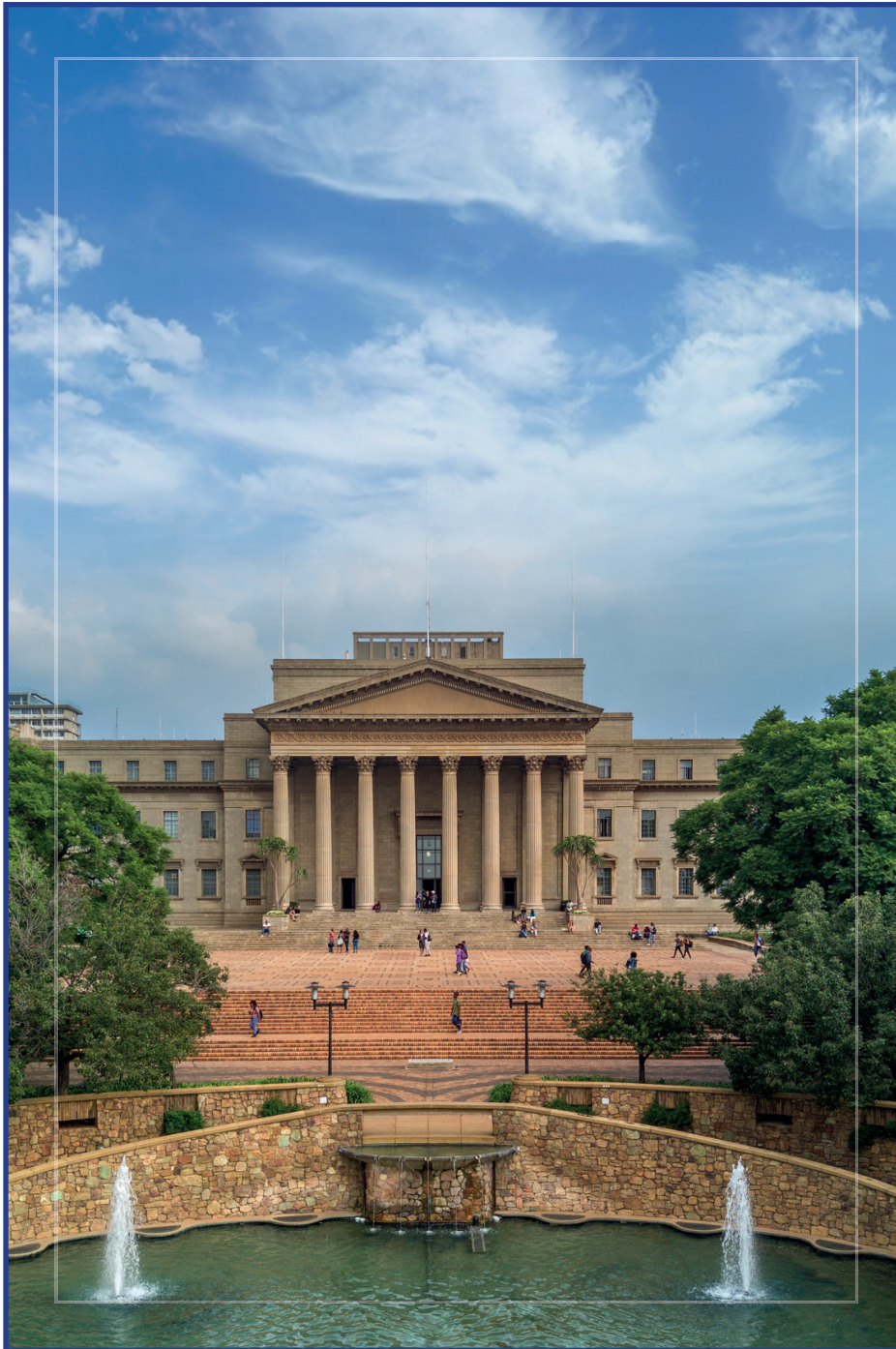


VIRTUAL GRADUATION CEREMONY

Health Sciences

Graduation Date: 23 July 2021

Time: 09:30



A MESSAGE TO GRADUATES FROM THE CHANCELLOR



Congratulations to all the graduands for working hard and staying focused in order to achieve this milestone!! I also congratulate your parents for not only supporting you but creating an environment that allowed you to thrive. It takes a village to raise a child, the aunts, the grandparents, amongst others are the reason we are able to celebrate these achievements. Thanks to the lecturers who contributed to your success. Well done.

May this be the beginning of a life of continuous learning, investing in yourself, and investing in the communities that nurtured you. Nurture the relationships that you've formed and those that you will form as you journey through life. *Umntu umuntu ngabantu*. Life is about collaboration with others.

Dream big, act consistently with integrity, self-respect and respect for others, and the universe will conspire to make you achieve your dream/s. A positive attitude & hard work will bring you closer to your dream and your purpose. Use others' successes as your inspiration. Wits is full of those, from Nobel Prize Laureates to world leaders in different fields of society.

You have received world class education. Use it to make a difference in other people's lives. Especially those less fortunate than yourself. We are a country with many needs, identify a role you can play to make a positive difference; you owe it to this country and the people that invested in you.

Find your Purpose and Live it. Help Africa Rise!

Dr Judy Dlamini
Chancellor
Wits University

**There is no limit to what you can achieve,
if you put your mind and your best effort into it!**



A MESSAGE TO GRADUATES FROM THE VICE-CHANCELLOR AND PRINCIPAL

Dear Wits Graduand

Congratulations on successfully completing your academic programme at Wits, the premier university in Africa.

You are now a member of an elite group of graduates of this august institution. Our more than 200 000 alumni are at the cutting edge of excellence, both locally and internationally in business, the public sector, the academy, and civil society. Today, you become a member of that illustrious community.

Over the past 99 years, Wits has grown into one of the leading universities on the continent and a globally respected institution for its teaching and learning, knowledge creation and generation, and social impact. It has shaped the lives of many and changed society for good. You are now an integral part of this proud and enduring legacy.

Wits is renowned for its intellectual leadership and for nurturing critical thinkers, creative innovators, problem-posers and problem solvers. Your success has furthered our commitment to equipping the next generation of leaders with the skills and determination that you will need to find innovative and sustainable solutions to the pressing problems of the 21st Century.

As a Wits graduate, you had access to an exceptional educational experience. You have been exposed to a world-class academic and research programme and a vibrant community that makes you a true global citizen. You have been part of an institution that generates cutting-edge knowledge and innovation for South Africa and the world. It is now time for you to step into the world and use that experience, for good.

We know that you will enter the next stage of your journey with the determination to build a better society tomorrow. I want to encourage you to remain a part of the Wits family by participating in our alumni programme and by further advancing the reputation of your alma mater.

Best wishes for the next steps of your journey.

Professor Zebulon Vilakazi
Vice-Chancellor and Principal
Wits University

GAUDEAMUS

*Gaudeamus igitur
Juvenes dum sumus
Post jucundum juventutem
Post molestam senectutem
Nos habebit humus.*

*Ubi sunt qui ante nos
In mundo fuere?
Vadite ad superos
Transite in inferos
Hos si vis videre.*

*Vita nostra brevis est
Brevi finiatur.
Venit mors velociter
Rapit nos atrociter
Nemini parcetur.*

*Vivat academia
Vivant professores
Vivat membrum quodlibet
Vivat membra quaelibet
Semper sint in flore.*

*Vivant omnes virgines
Faciles, formosae.
Vivant et mulieres
Tenerae amabiles
Bona laboriosae.*

*Vivant et republica
et qui illam regit.
Vivat nostra civitas,
Maecenatum caritas
Quae nos hic protegit.*

*Pereat tristitia,
Pereant osores.
Pereat diabolus,
Quivis antiburschius
Atque irisoires.*

*Let us rejoice therefore
While we are young.
After a pleasant youth
After a troublesome old age
The earth will have us.*

*Where are they
Who were in the world before us?
You may cross over to heaven
You may go to hell
If you wish to see them.*

*Our life is brief
It will be finished shortly.
Death comes quickly
Atrociously, it snatches us away.
No one is spared.*

*Long live the academy!
Long live the teachers!
Long live each male student!
Long live each female student!
May they always flourish!*

*Long live all maidens
Easy and beautiful!
Long live mature women also,
Tender and loveable
And full of good labor.*

*Long live the State
And the One who rules it!
Long live our City
And the charity of benefactors
Which protects us here!*

*Let sadness perish!
Let haters perish!
Let the devil perish!
Let whoever is against our school
Who laughs at it, perish!*

ORDER OF PROCEDURE 23 JULY 2021 AT 09:30

The audience will rise as the academic procession enters the hall and will remain standing until the Chancellor is in place

The Chancellor will constitute the congregation

The Chancellor will welcome the graduands and guests

Address to the congregation

Conferment of degrees

The President of Convocation will address the graduates

The Chancellor will dissolve the congregation

The audience will stand while Ihele is played

Members of the audience are requested to stand while the academic procession leaves the hall and not to leave the hall before the end of the ceremony.

IMPORTANT NOTICE

In the event of load-shedding or power cuts, the Great Hall may become totally dark until the generator comes into operation.

FACULTY OF HEALTH SCIENCES

DEAN: PROFESSOR SA MADHI MBBCh MMed PhD (Witwatersrand) FCPaeds(SA)

Master of Dentistry

BWERINOFA, Dikhabiso Vivian *Prosthodontics*
RESEARCH REPORT: Comparing shear bond strength of a composite resin to PEEK and titanium

MOHOTLHOANE, Gontse Pauline *Maxillo-Facial and Oral Surgery*
RESEARCH REPORT: A protocol for prophylactic antibiotic use in managing mandibular fractures requiring open reduction and internal fixation: a prospective clinical trial

Master of Medicine

AKHETUAMEN, Pius Omon *Family Medicine*
Research Report: Female nurses' personal exposure and responses to hypothetical case scenarios on domestic violence in Ekurhuleni Health District

ALDAGDAG, Najwa Juma *Obstetrics and Gynaecology*
RESEARCH REPORT: Management and outcome of patients admitted to Charlotte Maxeke Johannesburg Academic Hospital with grade three and four pelvic inflammatory disease

ALHLIB, Amadadin *Urology*
RESEARCH REPORT: Pain modulation by audiovisual distraction during local cystoscopy

ANTWI-ANYIMADU, Annette *Psychiatry*
RESEARCH REPORT: The demographic profile and referral of pre-schoolers with Attention Deficit/Hyperactivity disorder (ADHD) attending a Child, Adolescent and Family Psychiatric Unit

ASIEDU, Gloria Anibea *Internal Medicine*
RESEARCH REPORT: Concurrence of active Mycobacterium Tuberculosis and Aspergilloma in Patients who underwent lobectomies at Charlotte Maxeke Johannesburg Academic Hospital from 2000-2016

BALOLEBWAMI, David Akilimali *Diagnostic Radiology*
RESEARCH REPORT: Audit of ultrasound guided core needle biopsies of ipsilateral axillary lymph nodes in breast cancer

BESTER, Dewald *Diagnostic Radiology*
RESEARCH REPORT: Comparison of chest radiographs with minimum intensity projection reconstruction CT scans for the presence of airway stenosis resulting from lymphobronchial TB in children

BHAGOWAT, Marisha *Anaesthesia*
RESEARCH REPORT: Effect of caregiver's recorded voice on emergence delirium in children undergoing dental surgery

BROWN, Patricia Mary *Anaesthesia*
RESEARCH REPORT: The indications for and timing of haemodialysis in critically ill patients with acute kidney injury in Johannesburg

BUNGA, Antonia Mrudulata Gonzalez *Radiation Oncology*
RESEARCH REPORT: Patterns of practice of breast cancer irradiation in the Department of Radiation Oncology, Charlotte Maxeke Johannesburg Academic Hospital 2010-2012

DLADLA-NDZABANDZABA, Sinenhlanhla *Microbiology*
 Nonjabulo Precious
Research Report: The epidemiology and antimicrobial susceptibility of non-fermenter gram-negative bacilli at Chris Hani Baragwanath Hospital, Johannesburg, South Africa.

EKLEKTOS, Nikki *Psychiatry*
RESEARCH REPORT: An assessment of childhood trauma in a group of state patients admitted to Sterkfontein Hospital

FREED, Irene Marthina *Ophthalmology*
RESEARCH REPORT: The surgical outcomes of deep sclerectomies performed at a Johannesburg Academic Hospital

GOVENDER, Denishan *Internal Medicine*
RESEARCH REPORT: The prevalence of psychosocial risk factors in acute myocardial infarction

IPUTO, Rebecca *Anaesthesia*
RESEARCH REPORT: The perioperative management of caesarean section related haemorrhage in a material near-miss population: a retrospective study

KAKOOZA, Dominic *Internal Medicine*
RESEARCH REPORT: Ga DOTATATE - PET/CT scan imaging for the detection of the role of inflammation in the pathogenesis of restenosis in patients treated with Percutaneous Balloon Mitral Valvotomy

KOONIN, Sheree Debbie *Plastic and Reconstructive Surgery*
RESEARCH REPORT: The prevalence and clinical profile of adult burns due to assault: a South African adults burn centre review

LETSELI, Kabo Josias *Psychiatry*
RESEARCH REPORT: A descriptive analysis of the impact of early childhood trauma in a group of people undergoing rehabilitation for substance use

LINTNAAR, Stacey-Leigh *Psychiatry*
RESEARCH REPORT: Comparison of co-morbid psychiatric diagnoses in male adolescent in-patients with a history of cannabis use with those without cannabis use

MABATHOANA, Makafane Cyril *Family Medicine*
Research Report: Patient satisfaction with non-pharmacological pain management during labour at Phola Park CHC, Ekurhuleni

MADIBA, Kholofelo Raisibe *Obstetrics and Gynaecology*
RESEARCH REPORT: Near-miss in early pregnancy at Chris Hani Baragwanath Academic Hospital

MAHOLE, Goitseone Lesley *Family Medicine*
Research Report: Perceptions of terminally ill patients concerning the palliative care they receive in rural primary health care

MAHUMA, Othelia Omphemetse *Psychiatry*
RESEARCH REPORT: The clinical utility of electroencephalographic studies in children and adolescents at Tara Hospital

MAIMELA, Wendy Kelebogile *Paediatrics and Child Health*
RESEARCH REPORT: Description and outcomes of children requiring long-term domiciliary oxygen at Chris Hani Baragwanath Academic Hospital between January 2011 and December 2015

MALAZA, Eliza *Family Medicine*
Research Report: The prevalence of depressive symptoms in women attending antenatal care in primary healthcare clinics in Johannesburg Metro District, South Africa

MASANGO, Bheki Zethy *Microbiology*
Research Report: Evaluation of the simplified carbapenem inactivation method (sCIM) for simple and accurate detection of carbapenemase-producing gram-negative bacilli

MEDDOWS-TAYLOR, Jessica Clair *Psychiatry*
RESEARCH REPORT: A review of the clinical efficacy of an in-patient eating disorders programme

MELAPI, Tando *Psychiatry*
RESEARCH REPORT: Record review of occurrence of physical illness in patients at a specialist psychiatry outpatient clinic

MLABA, Nonkululeko Zamaximba *Radiation Oncology*
RESEARCH REPORT: The efficacy and long-term side effects of prophylactic cranial radiation therapy in childhood acute lymphocytic leukaemia (ALL) in Johannesburg, South Africa

MOGOTSI, Kenalemodisa Lindiwe *Anaesthesia*
RESEARCH REPORT: Retrospective evaluation of the APACHE II critical care scoring system in a multidisciplinary intensive care unit

MONDLANA, Sibongile *Psychiatry*
RESEARCH REPORT: Perspective of traditional healers in the Sedibeng District of Gauteng on mental illness and collaborative work with western mental health care

MTSHALI, Nompumelelo Zamokuhle *Anatomical Pathology*
Research Report: Placental related factors contributing to stillbirths at Charlotte Maxeke Johannesburg Academic Hospital

NAKAMWE, Ndeufika Twahafifhwa *Anaesthesia*
RESEARCH REPORT: Evaluation of a mentorship program in a department of anaesthesiology

NCETE, Nolukhola Ayanda *Haematology*
Research Report: The prevalence of anti-Adeno associated virus neutralizing antibodies in South African people with Haemophilia B

NDAKUNDA, Julia Ndesihafela *Dermatology*
RESEARCH REPORT: A descriptive study of non-melanoma skin cancers in patients attending Charlotte Maxeke Johannesburg Academic Hospital and Helen Joseph Hospital from July 2013 to June 2016

NDLEVE, Masana *Radiation Oncology*
RESEARCH REPORT: Brain metastases: treatment patterns and outcomes at Charlotte Maxeke Johannesburg Academic Hospital Radiation Oncology Department

NGUEKENG, Etienne *Obstetrics and Gynaecology*
RESEARCH REPORT: Amnioinfusion for Meconium Stained Liquor at Chris Hani Baragwanath Hospital. A secondary analysis of local data from an international multicentre randomized trial

OBENG-ADJEI, Foriwah *Diagnostic Radiology*
RESEARCH REPORT: Ultrasound-detected BI-RADS 3 breast lesions at a quaternary institution in Johannesburg: Initial features and audit of follow up findings

O'BRIEN, Sharne *Psychiatry*
RESEARCH REPORT: The impact of the HIV epidemic on the length of stay in an Acute Psychiatric Unit at a general hospital in Gauteng

ODINE, Peter Odianosene *Obstetrics and Gynaecology*
RESEARCH REPORT: Burnout amongst interns in the department of Obstetrics and Gynaecology, University of Witwatersrand

ORJIAKO, Livinus Obiora *Orthopaedic Surgery*
RESEARCH REPORT: Review of management of traumatic spondylolisthesis of the axis in a tertiary academic hospital

OSEI, Emmanuel Dwomoh *Orthopaedic Surgery*
RESEARCH REPORT: Diagnostic accuracy of pre-operative clinical examination in zone V flexor injuries

PIETRZAK, Jurek Rafal Tomasz *Orthopaedic Surgery*
RESEARCH REPORT: Staphylococcus aureus colonization and surgical site infection in patients admitted to a South African academic hospital for elective total joint arthroplasty

PILLAY, Evashin *Haematology*
Research Report: An evaluation of the sysmex xn-30 haematology analyser in the detection and quantitation of Malaria parasitaemia

PILLAY, Shalini *Clinical Pathology*
Research Report: An evaluation of the analytical performance of the Dynamiker® Fungus (1-3)-β-D- Glucan assay in comparison to the Cape Cod Fungitell® 1,3 beta-D glucan assay for the diagnosis of invasive fungal infections

PITIRI, Motlalepula Portia *Paediatrics and Child Health*
RESEARCH REPORT: Underlying disease, management strategies and survival rate of neonates diagnosed with persistent pulmonary hypertension of the new-born

QWABE, Lindokuhle Felicity *Internal Medicine*
RESEARCH REPORT: The retrospective analysis of patients with lupus nephritis at Helen Joseph Hospital

SEBOTHOMA, Rebhone Immaculate *Psychiatry*
RESEARCH REPORT: An overview of substance and alcohol use in pregnant women attending antenatal care

SELELE, Thekiso Mzwandile *Ophthalmology*
RESEARCH REPORT: A review of patient demographics, indications, waiting period and patient availability for the elective corneal graft waiting list at Saint John Eye Hospital

SEREBRO, Caroline *Psychiatry*
RESEARCH REPORT: The effect of a 'Dialectical Behaviour Therapy' - Informed intensive outpatient group intervention on individuals with emotional regulation difficulties

SHIVUTE, Rosalia Ree Ndikuhole *Internal Medicine*
RESEARCH REPORT: Prevalence of tuberculosis and associations in patients with pulmonary sarcoidosis

SIHLANGU, Siphamandla Cedric *Diagnostic Radiology*
RESEARCH REPORT: A comparison of examination outcomes in the Part 1 of FC Rad Diag (SA) before and after 2012

STAATS, Jurgens *Family Medicine*
Research Report: Characteristics and outcomes in children aged 6 to 60 months assessed as being malnourished by community health workers in Tlokwe

SUNNYRAJ, Micky Mammen *Internal Medicine*
RESEARCH REPORT: Safety and efficacy with colistin use - a South African tertiary level experience

TJINJEKA, Uamunovandu *Plastic and Reconstructive Surgery*
RESEARCH REPORT: Prevalence of hypernatremia and outcome in adult burns patients admitted at Chris Hani Baragwanath Burns Unit

TSEKELI, Matefo Eileen *Obstetrics and Gynaecology*
RESEARCH REPORT: The effect of maternal weight on Misoprostol Induction of labour at Rahima Moosa Mother and Child Hospital

VAN DER MERWE, Melissa *Obstetrics and Gynaecology*
RESEARCH REPORT: Quality of life and symptomatology after high intensity focused ultrasound treatment for uterine fibroids

VAN GREENEN, Maxine Bernadette *Paediatrics and Child Health*
RESEARCH REPORT: The association between self-reported physical activity levels and patterns and BMI of urban Black South African young adult women

VAN HEERDEN, Carla *Chemical Pathology*
Research Report: Evaluating the need for free glycerol blanking for serum triglyceride measurements at Charlotte Maxeke Johannesburg Academic Hospital

VAN HEERDEN, Marli *Chemical Pathology*
Research Report: The application of sigma metrics in the laboratory to assess quality control processes

VENTER, Marisse *Plastic and Reconstructive Surgery*
RESEARCH REPORT: Evaluating the effect of autologous fat grafting on wound healing - An animal study

VYTHILINGUM, Priscilla Iswari *Psychiatry*
RESEARCH REPORT: Rise and fall: Cortisol levels pre- and post-antidepressant therapy in depression

WILLIAMS, Melissa Denielle *Obstetrics and Gynaecology*
RESEARCH REPORT: An evaluation of the decision-to-incision interval for caesarean sections at Chris Hani Baragwanath Academic Hospital

WITT, Jonathan *Anaesthesia*
RESEARCH REPORT: A prospective study assessing the quality of chest compressions delivered by anaesthetists during cardiopulmonary resuscitation

XASO, Sibulele *Orthopaedic Surgery*
RESEARCH REPORT: Analysis of the complications of volar plate fixation for the treatment of distal radius fractures Frykman type 3 - 6

ZONDO, Zwelibanzi William *Orthopaedic Surgery*
RESEARCH REPORT: Shoe size as a predictor for total knee arthroplasty component sizes in South African patients

ZUMA, Sibulele *Psychiatry*
RESEARCH REPORT: HIV, mental illness and substance abuse; the experiences of persons diagnosed with triple diagnosis at Chris Hani Baragwanath Academic Hospital outpatient clinic

Master of Medicine in Anaesthesia

AMADO, Leandra Anastasia
RESEARCH REPORT: Preoperative cognitive dysfunction in older patients at a central hospital

BALOO, Mayank Mukeshbhai
RESEARCH REPORT: Factors Xa levels in patients receiving prophylactic enoxaparin sodium in the intensive care unit of an academic hospital

BISMILLA, Nisaa
RESEARCH REPORT: Experiences of mothers who are registrars in an anaesthesiology department and the negotiations of their work-life balance

BLUMENTHAL, Trevor Martin

RESEARCH REPORT: Heart rate variability of anaesthesiology registrars pre- and post-night call at a central hospital

COETZEE, Nicholas Daniel

RESEARCH REPORT: The transthoracic echocardiographic skills of registrars in a department of anaesthesiology

DE JAGER, Pieter Pieterse

RESEARCH REPORT: Epidemiology of Clostridioides difficile in South Africa

GAYAPARSAD, Mithasha

RESEARCH REPORT: Debriefing following specific critical events in a department of anaesthesiology

GUIDOZZI, Alyssa Claire

RESEARCH REPORT: Anaesthetists' use and ethical and legal knowledge of social media

JEGGO, Tahlia Ann

RESEARCH REPORT: Substance use disorder in South African departments of anaesthesiology: profile and management experiences

KOLLING, Matthew Graeme

RESEARCH REPORT: The perceptions of the working environment of anaesthesiologists migrating from the public to the private sector

LAKE, Caryn Margaret

RESEARCH REPORT: Depressive symptoms among anaesthetists in a department of anaesthesiology

LEBALLO, Gontse

RESEARCH REPORT: A profile of cardiac surgery related acute kidney injury in adult patients at an academic hospital

MOON, Storm Cara

RESEARCH REPORT: Airway assessment of diabetic patients at a central hospital

MURPHY, Andrea Lynne

RESEARCH REPORT: A follow-up study of the extended labour epidural analgesia service at a regional hospital in Gauteng

SAN PEDRO, Karyll Mae

RESEARCH REPORT: Development and validation of an anaesthetic consent form

SMITH, Sheena Diere

RESEARCH REPORT: Intubations in an emergency department and intensive care unit at a central hospital

Master of Medicine in Anatomical Pathology

MEKOA, Lucretia Portia

RESEARCH REPORT: Cervical cytology with a diagnosis of at least low-grade squamous intraepithelial lesion cannot exclude high-grade squamous intraepithelial lesion (LSIL-H): what does this mean in HIV positive women? A cytologic-histological correlation

Master of Medicine in Community Health

KISTAN, Jesne Barry

RESEARCH REPORT: An evaluation of the performance of the Hepatitis B surveillance system at Charlotte Maxeke Johannesburg Academic Hospital for 2017 - 2018

Master of Medicine in Dermatology

HUTE, Fortune

RESEARCH REPORT: Trends in Kaposi Sarcoma at the Charlotte Maxeke Johannesburg Academic Hospital after the antiretroviral drugs rollout in 2004 (from December 2004 to December 2019)

MODI, Zateen

RESEARCH REPORT: Clinical spectrum of dermatological diseases at a regional hospital

Master of Medicine in Diagnostic Radiology

MATHEW, Denny

RESEARCH REPORT: Breast Tuberculosis: a retrospective analysis of the disease burden among three tertiary hospitals in Johannesburg

NICOLAOU, Mark Andrew

RESEARCH REPORT: A retrospective study correlating sonographic features of thyroid nodules with FNA cytology in a South African setting

PEISER, Gary Charles Weston

RESEARCH REPORT: Association between adipose tissue thickness and fibroid shrinkage using ultrasound guided high intensity focussed ultrasound

WARNICH, Ilonka

RESEARCH REPORT: Breast Imaging at Chris Hani Baragwanath Academic Hospital - a clinically relevant audit

Master of Medicine in Emergency Medicine

CRONJE, Lana

RESEARCH REPORT: The role of head CT prior to lumbar puncture in patients with suspected meningitis in a Johannesburg emergency department

RAE, Bradley John

RESEARCH REPORT: An audit of blood cultures performed in an emergency department at a Johannesburg Academic Hospital

SNYMAN, Jenna

RESEARCH REPORT: Nerve blocks in the Emergency Department at an academic hospital in South Africa

Master of Medicine in Internal Medicine

ANAFI, Ivy Yaa Gyamaa

RESEARCH REPORT: Haematological abnormalities in South Africans with systemic lupus erythematosus

BANDERKER, Ebrahim

RESEARCH REPORT: A cross sectional study of the spectrum, aetiology and clinical characteristics of adult mitral valve disease at Chris Hani Baragwanath Academic Hospital

CHERNICK, Lior

RESEARCH REPORT: Clinical, radiological and laboratory predictors of positive urine lipopolysaccharide in sputum scarce and sputum negative patients with HIV associated TB in two Johannesburg Hospitals

DU PLESSIS, Jean Adriaan

RESEARCH REPORT: Evaluation of the use of low molecular weight heparin (LMWH) for venous thromboembolism (VTE) prophylaxis in medical patients

GOQWANA, Lindokuhle Nwabisa

RESEARCH REPORT: Determinants of smoking cessation in patients with chronic obstructive pulmonary disease

JOHANNES, Leigh

RESEARCH REPORT: Incidence and predictors of nonresponse to Hepatitis B vaccination among dialysis patients at Chris Hani Baragwanath Hospital

MAZWI, Sibulele

RESEARCH REPORT: Ventilator associated pneumonia in a Johannesburg academic ICU

MIRI, Anisa

RESEARCH REPORT: Occult pulmonary hypertension in patients with previous tuberculosis: a pilot study

PERUMAL, Craig Ashley

RESEARCH REPORT: The clinical profile of patients with acinetobacter baumannii bacteremia at Chris Hani Baragwanath Academic Hospital

SUNNY, Sharon Elizabeth

RESEARCH REPORT: The impact of a nursing falls assessment tool on reducing the inpatient falls in a neuro-orthogeriatric ward at the Wits Donald Gordon Medical Centre: an observational study

YUDELOWITZ, Gregory Saul

RESEARCH REPORT: An audit of HIV positive patients admitted to Helen Joseph Hospital in Johannesburg, South Africa

Master of Medicine in Microbiological Pathology

MACDONALD, James Wesley

RESEARCH REPORT: Evaluation of the Resist-4 O.K.N.V immunochromatographic lateral flow assay for the rapid detection of OXA-48, KPC, NDM and VIM carbapenemases from cultured isolates

SAVAGE-REID, Sunila

RESEARCH REPORT: Comparison of cumulative antibiograms and infection type for the Trauma Intensive Care Unit for 2015 and 2017 at the Charlotte Maxeke Johannesburg Academic Hospital

Master of Medicine in Obstetrics and Gynaecology

DE JONGH, Skye Francis

RESEARCH REPORT: GIFT AND ZIFT: Is there a place for these procedures in a new era of assisted reproduction?

KOTZE, Adri

RESEARCH REPORT: Maternal outcomes before and after new oxytocin protocol at Chris Hani Baragwanath Hospital

MAY, Jabulile

RESEARCH REPORT: Does repeat Letzt achieve a cure for histologically proven persistent HGSIL at margins?

MNDEBELE, Sbusiso Trevor

RESEARCH REPORT: Morbidity of ectopic pregnancy at Chris Hani Baragwanath Academic Hospital

MORUDU, Lefihlile Ally

RESEARCH REPORT: Short term perinatal and obstetrics outcomes in singleton pregnancies with Oligohydramnios: A prospective study

NCHABELENG-SHIBAMBU, Madithame Rachel

RESEARCH REPORT: Early and intermediate outcomes of patients who underwent gynaecological oncology surgery at Charlotte Maxeke Johannesburg Academic Hospital

NGUBANE, Neliswa Sibongile

RESEARCH REPORT: Congenital abnormalities diagnosed antenatally at CHBAH: a retrospective descriptive study: 2016 - 2018

TEW, Catherine Louise

RESEARCH REPORT: Pregnancy outcomes, complications and experiences in Obstetrics and Gynaecology registrars

Master of Medicine in Orthopaedic Surgery

FANG, Kao-Wei

RESEARCH REPORT: Health-related quality-of-life outcomes in patients undergoing total hip and knee arthroplasty at Chris Hani Baragwanath Academic Hospital

PILLAY, Tristan

RESEARCH REPORT: A review of civilian gunshot injuries of the extremities

WHITEHEAD, Alexis Sian

RESEARCH REPORT: The treatment of tibia fractures by intramedullary nails at the Charlotte Maxeke Johannesburg Academic Hospital

Master of Medicine in Otorhinolaryngology

MUNGUL, Sheetal (*with Distinction*)

RESEARCH REPORT: Microbiology of paediatric deep neck space infections

THOKAN, Nishat

RESEARCH REPORT: Survival of patients with floor of mouth squamous cell carcinoma treated with surgical resection and reconstruction at the Charlotte Maxeke Johannesburg Academic Hospital

Master of Medicine in Paediatrics

MAPELE, Apamu Jacques

RESEARCH REPORT: An audit of culture-proven neonatal sepsis at a tertiary hospital in South Africa: a retrospective review

MATLHADISA, Matakala Moses

RESEARCH REPORT: Epidemiology of bacterial bloodstream infections in very low birth weight neonates at Charlotte Maxeke Johannesburg Academic Hospital

Master of Medicine in Plastic and Reconstructive Surgery

VYAMUNGU, Christian

RESEARCH REPORT: Analysis of Histology results of the masses of the hand seen at Chris Hani Baragwanath Academic Hospital Hand Unit in Johannesburg, South Africa

Master of Medicine in Psychiatry

BOUWER, Jade Catheryne

RESEARCH REPORT: Procurement and expenditure of medicines used for mental, neurological and substance use disorders: a secondary analysis of the 2017/2018 Gauteng provincial pharmaceutical database

HART, Bianca

RESEARCH REPORT: A retrospective review of psychiatric admissions of females of childbearing age to a Gauteng Hospital, comparing those in the peripartum period to the general population

MARCUS, Felicity Dawn

RESEARCH REPORT: An assessment of voting knowledge and related decisions amongst hospitalized mental health care users in South Africa

MORAR, Tejil

RESEARCH REPORT: Exploring burnout among psychiatry trainees at a South African University

VEYEJ, Nabila

RESEARCH REPORT: Prescribing patterns of long acting injectable antipsychotics at community psychiatric clinics in Johannesburg

Master of Medicine in Surgery

GAMIET, Yentl Leigh

RESEARCH REPORT: Outcomes of Paediatric Liver Transplant for biliary Atresia

Paediatric Surgery

Master of Medicine in Urology

MAMPA, Eshely

RESEARCH REPORT: The correlation between obesity and prostate size in patients with benign prostatic hyperplasia at Charlotte Maxeke Johannesburg Academic Hospital

Master of Science in Dentistry

DAYA, Ruqaiyah Ayub

RESEARCH REPORT: Design of removable partial dentures fabricated in dental laboratories serving private and public health dental clinics in the district of Ekurhuleni, Gauteng Province

VALLY, Muhammed-Jibreel Ibn-Ibraaheem

DISSERTATION: A 5-year review of paediatric maxillofacial and oral surgery procedures performed at the Wits Oral Health Centre

Master of Science in Medicine

AKWUE, Kenneth

Vaccinology

RESEARCH REPORT: CA-125 in the diagnosis and therapeutic monitoring of Tuberculosis in HIV positive patients

ARENDSE, Madison Laura (*with Distinction*)

Clinical Microbiology & Infectious Diseases

DISSERTATION: In silico and in vitro inhibition of quorum sensing and biofilm formation in chromobacterium violaceum using semi-synthetic compounds

BRANTI, Vuyani

Haematology and Molecular Medicine

DISSERTATION: Phenotypic characterization of a Mycobacterium smegmatis strain lacking MSMEG_0858 (Cdc48)

CARELLE, Lorena

Forensic Medicine

DISSERTATION: A retrospective analysis of suspected suicides and their associated link to victim profiles

CUAMBA, Inocência Augusto

Vaccinology

RESEARCH REPORT: Hepatitis B prevalence using residual sera from febrile rash surveillance in South Africa in 2018

DINAT, Sarhana (*with Distinction*)

Surgery

DISSERTATION: The effects of Helicobacter spp. on blood pressure in rat models of hypertension

E SILVA, Bianca Galante

Virology

DISSERTATION: Characterising the native midgut bacteria from main African malaria vector species, *Anopheles arabiensis* and *An. funestus*

FITCHAT, Nicolas Allyn

Internal Medicine

DISSERTATION: Age-Related Sarcopaenia of the Posterior Pharynx in a Cadaveric Population

GHULAM HOOSAIN, Shenaaz Banoo

Paediatric Cardiology

DISSERTATION: Transcatheter interventions and coarctation of the Aorta: a South African experience

ISMAIL, Mishka

Clinical Microbiology & Infectious Diseases

DISSERTATION: Expression and activity of antioxidant enzymes in Candida auris and their regulation by carvacrol

KARIITHI, Brian Timothy

Human Genetics

DISSERTATION: Evaluation of iPSC - derived hepatocyte model to predict functional effects of the CYP2D6*17 genetic variant in activation of Tamoxifen to Endoxifen

KUONZA, Farisai Susan (*with Distinction*)

Vaccinology

RESEARCH REPORT: Hospitalizations for influenza after introduction of pneumococcal conjugate vaccines at Chris Hani Baragwanath Academic Hospital in South Africa, 2009 - 2018

MAHARAJ, Surina (*with Distinction*)

Haematology and Molecular Medicine

DISSERTATION: Ecdysone receptor knockdown: implications on longevity, reproductive success and Plasmodium susceptibility in the malaria vector *Anopheles funestus*

MARSDEN, Joshua Patrick

Virology

DISSERTATION: Characterising antibody genetic diversity in Black Women from KwaZulu-Natal

MELSEBO, Zinabu Temesgen

Vaccinology

RESEARCH REPORT: Contribution of Vaccine-preventable diseases (VPDs) to the hospitalization in Chris Hani Baragwanath Academic Hospital, Johannesburg, South Africa

NCUBE, Itai Tendai *Vaccinology*
RESEARCH REPORT: Characterizing IgA1 and IgG1 constant region diversity in South Africans

NGOBENI, Martha *Paediatrics and Child Health*
DISSERTATION: Comparison of growth and body composition of infants born to mothers with, and those without, gestational diabetes mellitus

OPIECABO, Ronald *Vaccinology*
RESEARCH REPORT: Antimicrobial resistance patterns in neonatal sepsis cases at Chris Hani Baragwanath Academic Hospital (CHBAH)

RILEY, Gareth Michael (*with Distinction*) *Forensic Medicine*
DISSERTATION: The application of LC/MS/MS in the determination of Ethyl Glucuronide and Ethyl Sulphate in Vitreous Humour as a biomarker of recent alcohol use in post-mortem cases

VAN DER NET, Bianca Vieira *Child Health Neurodevelopment*
RESEARCH REPORT: Investigating the association between Autism Spectrum Disorder and head circumference

VAN ROOYEN, Ljuba Ruth *Emergency Medicine*
RESEARCH REPORT: An audit of stimulant use amongst pre-hospital Emergency Medical Services Personnel in Gauteng

WRAGGE, Sue-Ellen *Virology*
DISSERTATION: Entomological surveillance for malaria control at a gold mine in Sadiola District, Western Mali

Bachelor of Clinical Medical Practice with Honours

MARIMUTHOO, Denel *Emergency Medicine*

Bachelor of Dental Science

CHEN, Ni-Ni Shelly **MUKONOWESHURO**, Natasha Tatenda

LECOGE, Neo Makgabeng

Bachelor of Medicine and Bachelor of Surgery

BOSMAN, Thozama Adeline **HLATSHWAYO**, Bayisizwe Siphosethu

CHIMPELO, Yeukai Mellary **KAMUZINZI**, Nicole Shima

DILEBO, Lehlogonolo Mogau **KOHALY**, Yonatan

DOWNEY, Nicholas John **LIMBADA**, Fatimah

FORD, Candice Jayde **MABOTJA**, Mpho Machuene

GOVENDER, Komeshni **MALOPA**, Phokwane Tsholofelo Ruth

HATTINGH, Wilana **MAMPA**, Kenny Maboke

MANICOM, Brandon Thomas

MARTIN, Caryn Melissa

MAZIBUKO, Nkosinathi Donald

MBHELE, Nothando Amanda

MGABHI, Vezokuhle Ziphezinhle

MISTHRY, Yasheen

MMEKWA, Tshegofatso Grace

MNDZEBELE, Njabulo

MOABELO, Lekgotla Ntlatla

MOGALAKWE, Angela Nosipho

MORE, Keeleditswe Vivienne

MPOFANA, Zola

NAIDU, Arnold Jeremiah

NDABA, Emmanuel Malesela

NDLOVU, Portia Xolile

NKOMO, Zibusiso Zane

OLWOOKORUN, Oluwatobi David

POLLARD, Evan Allan

PREMCHAND ROCHARAM, Prashin Sudesh

RALEBONA, Tiisetso Arnold

REDELINGHUYS, Nadia

SAVILLE, Joy Glynis

SEEDAT, Layla

SEEMELA, Itumeleng Christine

SOSIBO, Thamsanqa Sicebi

THUSI, Minenhle Nokulunga

VAN ECK, Devon Basil

WA-MATAMBA, Meta Yasmine

WILLIAMS, Rhys Rowan

Bachelor of Clinical Medical Practice

ALEXANDER, Fatima **MALETE**, Ingrid Lebogang

CHIRINDZA, Evete **MANYELA**, Samkele

LI, Jeanette **MUHAMED**, Raeesa

MAGAGULA, Thokozani Joyann **NXUMALO**, Andisiwe Afanele

MAHADEO, Kimera

Bachelor of Oral Health Sciences (Oral Hygiene)

MUDAU, Pearl Lufuno

Postgraduate Diploma in Health Sciences Education

HARTMANN , Carol Ann (<i>with Distinction</i>)	<i>Postgraduate Diploma in Health Sciences Education</i>
MAZENGENYA , Pedzisai	<i>Postgraduate Diploma in Health Sciences Education</i>
RUCH , Aviva (<i>with Distinction</i>)	<i>Postgraduate Diploma in Health Sciences Education</i>

Postgraduate Diploma in Tropical Medicine and Hygiene

HLONGWANE , Magabo Hellen	PHOOKO , Bontle Bessie
MGUDLWA , Babalwa Amanda	RASHOPOLE , Maite Siesta
MOODLEY , Mahavi Shnu Morgan	

Diploma in Tropical Medicine and Hygiene

FADANA, Vuyolwethu

THE WITS HEALTH PROFESSIONAL'S HIPPOCRATIC PLEDGE

As a Health Professional graduand of the University of the Witwatersrand, I solemnly pledge that:

- *I will dedicate my life to the service of humanity;*
- *I will exercise my profession to the best of my knowledge and ability in accordance with sound health practices and with compassion, conscience, integrity and humility;*
- *The health and well-being of all persons entrusted to my care and the well-being of the community will be my first consideration;*
- *I will respect the autonomy and dignity of my patient and will not knowingly do anything to their detriment or prejudice;*
- *I will not permit consideration of age, religion, nationality, politics, race, gender, sexual orientation, disability, disease, lifestyle, economic status, social standing or any other factor to interfere with my duty to my patient;*
- *I will not improperly divulge anything I have learned in my professional capacity;*
- *I will uphold and defend my professional independence;*
- *I will advocate for human rights and will not violate such rights and civil liberties, even under threat;*
- *I will conduct research on patients only in accordance with sound ethical principles and with the approval of a formally constituted ethics committee;*
- *I will embrace life-long learning to improve my professional knowledge and skills and will share my knowledge for the benefit of patients and the advancement of healthcare;*
- *In my relations with patients, colleagues and others, I will conduct myself as becomes a member of an honourable profession.*

I make this pledge solemnly, freely and upon my honour.

GRADUATION AWARDS

FACULTY OF HEALTH SCIENCES

Prize to be presented at the Faculty's prize giving ceremony

Dean's Merit List Bachelor of Medicine and Bachelor of Surgery Year 6:

Citation for achieving an average of 80% in the sixth year of study for the degree Bachelor of Medicine and Bachelor of Surgery.

Joy Glynis Saville

OFFICERS OF THE UNIVERSITY

Chancellor

DR NJ DLAMINI MBChB (Natal) DBL (Unisa) MBA (Witwatersrand) IEC (USA)

Vice-Chancellor and Principal

PROFESSOR Z VILAKAZI BSc (Manchester) MSc PhD (Witwatersrand) MASSAf FAAS

Chairman of Council

MR I SHONGWE BA (Wesleyan) MPhil (Oxford)

Senior Deputy Vice-Chancellor (Academic)

PROFESSOR R OSMAN BA (Witwatersrand) HDipEd BEd (Unisa) MEd PhD (Witwatersrand) MASSAf

Deputy Vice-Chancellor (Research and Innovation)

PROFESSOR L MORRIS BSc (Hons) (Witwatersrand) DPhil (Oxford) FRSSA FAAS MASSAf

Registrar

MS CG CROSLY BA HDipEd (Witwatersrand) BEd Hons (Unisa) MEd (Witwatersrand)

Chief Operating Officer

MR F SIBANYONI BSc (Eng) (Natal) MBA (Cape Town) PrEng SMICMEESA

Chief Financial Officer

MR PC DESAI BCom (University of Durban, Westville) BCompt. Hons (Unisa) CA (SA)

Dean of Student Affairs

MR JAP SEPTEMBER BA MPhil (Cape Town)

DEANS OF THE FACULTIES

Faculty of Commerce, Law and Management

PROFESSOR I VALODIA BCom (Unisa) BCom Hons (Natal) MSc (Lancaster) DEcon (KwaZulu-Natal)

Faculty of Engineering and the Built Environment

PROFESSOR IR JANDRELL BSc (Eng) GDE PhD (Witwatersrand) IntPE(SA) PrEng FSAAE FSAIEE SMIEEE

Faculty of Health Sciences

PROFESSOR SA MADHI MBCh MMed PhD (Witwatersrand) FCPaeds(SA)

Faculty of Humanities

PROFESSOR G STEVENS BA (Cape Town) BA Psych Hons MPsy (Western Cape) DLitt et Phil (Unisa)

Faculty of Science

PROFESSOR N CHETTY BSc Hons (Natal) MS PhD (Urbana-Champaign) MSAIP MASSAf

President of Convocation

S BOLON BA Hons MA (Witwatersrand)

FACULTY OF HEALTH SCIENCES

The University of the Witwatersrand Faculty of Health Sciences, located in Johannesburg - the hub of the South African economy, has been established for more than 100 years and is regarded as one of most reputable institutions for health sciences education in sub-Saharan Africa.

Ranked by the Times Higher Education as 85th in the world in subject rankings for clinical, preclinical and health subjects, the Faculty holds its own amongst the top 100 universities internationally and prepares students for a future in the healthcare sector across the globe.

As South Africa's largest and most comprehensive health sciences faculty, with 7000 registered students, it offers undergraduate degrees in dentistry, medicine, medical and health sciences, nursing, occupational therapy, physiotherapy and pharmacy. It also offers a graduate entry medical programme, Masters degrees in science and medicine and a PhD programme.

Teaching programmes in the Faculty are student-centred, internationally recognised, socially responsive and exemplify excellence in all dimensions. More than 1000 health sciences professionals graduate each year and are sought-after nationally, regionally and globally.

The Faculty provides excellent support and an intellectually stimulating environment for postgraduate study. Significantly the Faculty has increased its postgraduate output significantly in the last four years and boasts excellent postgraduate supervisors who participate in cutting edge research in clinical, applied and basic sciences, providing fertile and varied fields of research to undertake.

Some of the world's most significant and cutting-edge research is conducted through the Faculty. With 25 research entities, a Centre of Excellence, five DST/NRF South African Research Chairs and many individual researchers who are involved in relevant basic and applied research in all fields of health sciences the Faculty publishes more than a 1500 research papers annually.

A number of programmes for the training of the next generation of academics are provided through the Faculty. One such programme is **CARTA** (Consortium for Advanced Research Training in Africa), a multi-disciplinary programme aimed at growing professional, academic and research capacity in Africa in the field of public and population health. Its Pan-African focus of research includes reproductive health and sexuality as well as killer diseases in Africa, notably TB, HIV and malaria.

The Faculty also hosts the **Carnegie Academic Medicine Fellowship** programme for the training of specialist clinicians working towards a PhD degree. This Fellowship ensures the provision of clinician scientists for the future.

Emergency and Fire Plans during Graduations

1. In the event of an emergency and/or fire:

- The presiding official (Chancellor/Vice-Chancellor/Deputy Vice-Chancellor) will make an announcement requesting guests, graduands and staff to keep calm and remain seated;
- The Ushers will assist guests to proceed to the nearest Emergency exits in order to evacuate the Great Hall in an orderly fashion;
- Emergency exit signs are visible in red above all exit doors situated on your left and right hand sides as well as the back of the Hall;
- The Ushers will assist the elderly and disabled guests out of the building;
- The academic procession on stage must exit through the back stage door;
- Once outside the Great Hall all guests, graduands and staff must proceed to the main assembly point on the piazza.

2. In the event of a Bomb threat

All bomb threats will be treated as real in order to protect lives and property and the premises will be evacuated immediately.

NATIONAL ANTHEM

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.

The Wits Choir

The Wits Choir has been under the direction of conductor and trainer, Dalene Hoogenhout, since 1995. Their repertoire is colourful and vibrant. They perform regularly at graduations and important ceremonies. The Wits Choir has toured internationally as well as playing host to other choirs here. They are also active in the community, undertaking choral outreach programmes.

MESSAGE FROM THE PRESIDENT OF CONVOCATION



Dear Wits Graduate,

There are a few defining moments in life – and it is without doubt that graduation is one of them!

Today, you enter the world as a graduate from one of the top universities on the African continent. You enter into a world filled with many challenges, but a world that is also filled with limitless possibilities. May you meet all the challenges and opportunities that await you with pride, drive, passion, innovation, social-conscience and positive-purpose.

In addition to earning the degree conferred upon you today, you have also earned the right to be associated with a special group of individuals – the Convocation of Wits University. Convocation represents all the degreed graduates of Wits and forms a vital link between the University and the global community in which it operates. Membership to Convocation is free and serves as an official channel, allowing you, the members, to convey to the University management your views about the University. This membership comes with several unique privileges, which include nominating the Chancellor of the University. The Convocation Executive has two members on the Wits Council and maintains other regular contact with the University to ensure the voice of the Convocation is represented at the highest levels of The University.

There are approximately 200 000 Wits alumni worldwide. The distinction of our university is important to the prestige of our collective qualifications. We call upon you to nurture and enhance the value of your degree by promoting Wits' image, preserving our values, and contributing towards our ongoing development, ensuring that we grow in stature as a globally competitive, proudly South African institution of higher learning.

Please engage with us via our numerous social media channels and keep connected with us so you can access career support, invitations to events and reunions and all the latest news about Wits and prominent Witsies: <https://www.wits.ac.za/alumni/updateyourdetails/>

I would like to extend a warm welcome to you – you are now a #Witsie4Life!

Stacey-Lee Bolon
President of Convocation



Convocation is a statutory body that includes all graduates of the University. Convocation is the largest constituency of the University (since the founding of the University in 1922, graduates number over 200 000). Its statutory mandate is to "... discuss and state its opinion upon any matters relating to the University including matters referred to it by the Council" and allows for the views of graduates to be represented at the highest levels of governance of the University.

IHELE (THE PROCESSION)

IHELE

Words and music by S.B.P. Mnomiya

Anhom
Falalala
Obani labo?
Baphi Ahhom?

Ngibona beza
Beyikazela
Bathwel 'ongiyane
Bavela kuphi na?
Obani labo?
Ongqondongqondo
Osibakhulu
Yibo labo hhom!

Yini na leyo?
Ihele
Ihele lezingwazi zakithi
Ahhom udwendwe
Ahhom
Udwendwe lwezingqwele zakithi
Nant' ihele
Longqondongqondo
Nant' ihele
Losibakhulu
Udwendwe
Udwendwe lwezingqwele zakithi

THE PROCESSION

Who are those?
Which, Falalala?

I see them coming
Walking with swinging garments
They are wearing head rings
Where do they come from?
Who are those?
They are people with knowledge
They are people in authority
These are the ones

What is that?
It is a procession
A procession of our heroes

It is a procession
A procession of our champions
Here is a procession
Of people of knowledge
Here is a procession
Of people of knowledge
A procession
A procession of our heroes

Ihele is known as the 'Black' *Gaudeamus Igitur*. In song, the writer, Mnomiya uses very poetic language to describe a graduation ceremony. The soloist sings of the 'strange' procession of people in long robes and head gear. The choir responds by saying that these people are academics who read profound books of knowledge.

Mnomiya goes on to say that the graduates are an inspiration to all of us, and we will also graduate like them one day. The song goes on to wish the graduates well and it ends with a resounding "Halala" (well done!).

THE UNIVERSITY MACE

Maces were originally weapons of defence, designed to break through armour. In medieval times, bishops carried a mace instead of a sword into battle to enable them to defend themselves in accordance with the canonical rule that forbade a priest to shed blood. In time, the mace has come to be regarded as a symbol of delegated authority vested in a person or an institution. At this University, it is a symbol of the authority vested in the Chancellor and a reminder of the mandate given by the legislature of this country to the University to grant degrees.

The University mace is the work of the Edinburgh designer, silversmith and engraver, William Kirk, who designed and made the mace of the University of Stirling and of other institutions. It is silver- and gold-plated, is 1070 millimetres long and 180 millimetres broad and weighs seven kilograms. The heraldic devices used in the decoration reflect the character of this University as an institution of learning, set in a mining centre within the Republic of South Africa.

The head of the mace with its spreading vertical blades is symbolic of the horns of a springbok. The central vertical spike is representative of a rock drill on the mine, and the amber stone set in the head is intended as a tribute to a past Chancellor through its association with his name, Bernstein, which in German means amber stone. The heavy quality of the head is consistent with the traditional concept of the mace as a weapon of defence. The collar repeats the shape of the head. It consists of eight cogs which symbolise the cog-wheel in the University coat of arms and represents mining and industry. The shaft is octagonal and divided into three sections. The coat of arms of the University is placed on the shaft under the collar. Below this the words *Universitas Witwatersrandensis Johannesburgi* are inscribed, followed by the date in Roman numerals – MCMLXXVI (1977) – which signifies the year of the dedication of the mace.

The mace is a symbolic portrayal of this University, this city, the Witwatersrand and the Republic of South Africa. It is a constant reminder to members of Council and Senate to uphold at all times the rights, powers and privileges of the University and its governing bodies.



ACADEMIC DRESS

The academic dress of this University is patterned on that of the Universities of Oxford and Cambridge, with modifications based on the model of the University of London and certain individual features, particularly in the costumes of office bearers and the hoods of degrees of bachelor and master.

Dress for Office Bearers

- The Chancellor wears a scarlet silk gown with a broad facing of black velvet down each side, embroidered in gold and a black velvet cap with gold cord and tassels.
- The Vice-Chancellor and Principal wears a blue silk gown with a broad facing of gold silk down each side, embroidered in blue, the sleeves being lined with gold silk. The cap is of the same design as that of the Chancellor.
- The Chairman of Council wears a black silk gown with a broad facing of red velvet down each side and around the neck, the sleeves being lined with gold silk. The cap is of the same design as that of the Chancellor.
- The academic dress of the Deputy Vice-Chancellors and the Executive Directors is the same as that of the Vice-Chancellor and Principal, except that the colour of the facing and sleeves of the gown and of the cord and tassels of the cap is silver-grey.
- The gown of the President of Convocation is of blue silk, with a broad facing of gold silk down each side, the sleeves being lined with white silk. The cap is the same as that of the Chancellor, but with a blue cord and tassels.
- The Registrar wears a black silk gown with a broad facing of blue silk down each side, bordered with gold braid. The cap is the same as that of the President of Convocation.
- A member of Council wears a black silk gown with a broad facing of gold silk. The cap is the same as that of the Chancellor.
- The gown of the President of the Students' Representative Council is black with a broad facing of blue satin.

Graduands' Gowns

- The gowns for all degrees of bachelor and master of the University are black, of the same pattern as the gown for a Master of Arts at the University of Oxford.
- The gown for the degree of Doctor of Philosophy is scarlet, after the University of London pattern.
- The gown for a senior doctorate is the same as that for the PhD, but with a gold satin facing on each side of the gown and with the sleeve button and cord in gold.

The Academic Hood

The academic hood is the principal feature of the costume for holders of our degrees of bachelor and master. The hood for the PhD is standard, regardless of the Faculty in which the degree was obtained. It is scarlet silk, lined with white silk.

Degree Colours

The hoods reflect the colour or colours of a particular degree or associated degrees.

DISTINCTLY WITS

Wits is one of only two universities in Africa to be placed in the top 200 (from amongst 23 000 universities world-wide) in two separate international rankings. A world-class research university, Wits aims to be in the top league of world leading universities built on intellectual excellence, international competitiveness and measurable impact.

Wits is:

- internationally recognised for its research and its accredited academic programmes
- an active leader that takes a stand on social issues
- an engaged University committed to the advancement of the public good
- The latest 2017 alma mater survey by Times Higher education ranking placed Wits amongst the world's top 100 universities from which Fortune 500 CEOs graduated
- a University that boasts highly skilled teams working in astronomy, physics and related areas on the SKA project and other SA telescopes, and at CERN in Switzerland where Wits academics made a significant contribution to finding the Higgs Boson
- the institution that maintains the highest proportion of independent financial support
- a leader in the evolutionary sciences and the curators of priceless faunal, floral and hominid collections including the Taung Skull, Little Foot, Sediba and Naledi fossils
- proud of the four Nobel laureates and the 91 Rhodes Scholars that have emanated from the University
- the intellectual hub of Africa and has over 40 key projects actively running on the continent
- proud of its more than 200 000 graduates. More than 97% of Wits graduates obtain permanent employment within 6 months of graduation
- renowned for its balanced approach to all disciplines. Half of all enrolments are in the Science, Engineering and Technology fields
- proud of it academics who wrote four research articles that are ranked in the world's top 0.1% best articles in 2016
- pleased to collaborate with peers across 179 countries, including all the countries in Africa, bar two. Outside of South Africa, Wits produces most of its research in collaboration with leading universities and research centres in the world.



The Great Hall is a Wits icon and serves as a multi-purpose platform for intellectual engagement.

It seats up to 1 035 and is used for graduations, concert performances, theatrical encounters, public lectures, recitals etc.

Examinations and Graduation Office

2nd Floor, Room 2021, Solomon Mahlangu House

Tel: 011 717 1280/1

www.wits.ac.za/graduations