

UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG



WITS MATTERS



Building Lives
Transforming a Nation
Advancing a Continent





Wits matters. It matters to our students who benefit from the globally competitive education that we provide. It matters to their communities. It matters to all South Africans who are ably served by Wits-trained healthcare professionals, lawyers, entrepreneurs, accountants, engineers, teachers, artists and musicians.

And it matters to the nation, Africa and the world that Wits academics contribute globally relevant research on everything from high-speed computing to HIV/AIDS, climate change, sustainable societies, and the origins of humankind and the universe.

In the challenging environment of a young democracy, Wits is a robust presence in South Africa's civil society, determined to maintain an open space for the vigorous debate of ideas, unafraid to speak truth to power, and a staunch advocate for human rights and non-discrimination, as well as ethics in government and the marketplace. It is in the vanguard of a burgeoning and globally-engaged Africa – one that seeks solutions to challenges that impact not only Africa but the world.

None of this is easy.

Wits must maintain a globally competitive university while playing a critical role in building a nation and continent that is undergoing complex transformation. This requires hard trade-offs that are not simply managerial and strategic, but also ethical and moral. We cannot ignore the entrenched inequality in South African society and the severe capacity constraints that are limiting Africa's economic growth, but we must find the resources to educate the best young minds on the continent, while also providing the funding and infrastructure for globally relevant research.

There are those who say that it can't be done, but we prefer the perspective of our world-renowned former student Nelson Mandela, who wrote, "*It always seems impossible until it's done.*" We are ambitious regarding teaching, research and impact on a global scale, and I believe that we – our staff and students – and you – our friends, alumni, and supporters – comprise a powerful community which together can achieve that which seems impossible.

Please join us on our journey.

A handwritten signature in black ink, reading "Adam Habib". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Professor Adam Habib
Vice-Chancellor and Principal

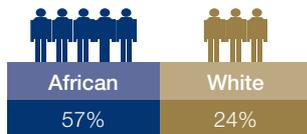
WITS BY NUMBERS

STUDENT Demographics (2014)

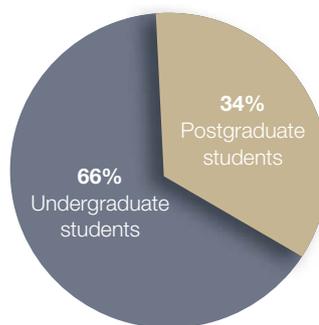
TOTAL STUDENTS
32 535



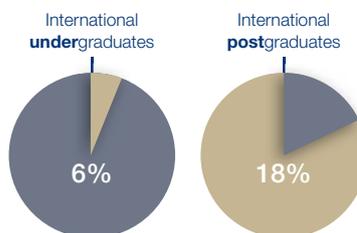
RACE



Undergraduate & Postgraduate students



International students



5
FACULTIES

- Science
- Commerce, Law & Management
- Engineering & the Built Environment
- Health Sciences
- Humanities

more than
R2BILLION
invested

in new & renovated buildings & infrastructure over the past decade

160 000
DEGREES

conferred since the first graduation ceremony on 4 October 1922, with around 70 000 students graduating since 1994.

33
SCHOOLS

3000
COURSES

RANKINGS & RATINGS

over **330** 
NRF-rated  researchers

14 DISTINGUISHED
PROFESSORS

 **21** **A-rated**
researchers
leading international

10 NATIONAL
CENTRES OF
EXCELLENCE

Focusing on:

- Mathematical & Statistical Sciences
- Strong Materials
- Aerospace
- Palaeosciences
- Advanced Drug Delivery Technology
- Antiviral Gene Therapy
- Human Development
- Biomedical Tuberculosis Research
- Integrated Mineral & Energy Resource Analysis
- Theoretical Physics

Wits has the highest number of Government Funded Centres of Excellence in South Africa

Center for World University Rankings (CWUR)

149th globally

Ranked best university on the African continent

61st quality of education

32nd employment of alumni in top executive positions

2015 - 2016
Times Higher Education

200 – 250 band

World University Rankings

Wits was jointly ranked

number one
in South Africa

with UCT in the 200 – 300 band

Centre for World Class Universities (Shanghai Jiao Tong University) 2014

ADVANCING ACADEMIC EXCELLENCE

Wits is the only globally-ranked university in the heart of Johannesburg, the most economically dynamic region of Africa.

Its culture of academic excellence, ground-breaking research and civic engagement has bred graduates who have changed the world – and continue to do so. In a nation in transition, it is a robust and positive force for sustainable transformation. In a continent of growing economic relevance, it is a leader in meeting the challenges of development.

Wits graduates have gone on to become global leaders in every field of endeavour. Through their civic engagement, they have built cultural institutions, fought injustice, and worked to make their communities better places.

The Wits of today is no different.

It consistently ranks among the top 300 institutions of higher education in the world and it is the most sought-after university in South Africa for prospective students.

In 2015, Wits received over 50 000 applications for 5 500 places enabling us to recruit the best young minds in South Africa and beyond.

Because our students come from across the socio-economic spectrum they represent the leading edge of Africa's transformation and are the brightest hope for the future of South Africa and the continent.



Wits is the largest producer of medical specialists & sub-specialists in South Africa

80% of Wits medical students passed the Fellowship of the College of Physicians clinical examinations, compared to the national average pass rate of 50%.

over **90**
Rhodes
 & **15** MANDELA
 RHODES
SCHOLARS

4
 NOBEL
 PRIZE
 WINNERS



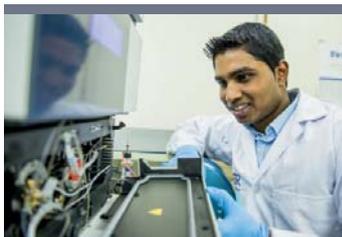
Nelson Mandela

Aaron Klug

Sydney Brenner

Nadine Gordimer

REALISING POTENTIAL & NURTURING EXCELLENCE



Dr Previn Naicker, 23

Wits' youngest PhD

PhD Biochemistry, 2015

Previn is a prodigy who dispensed with Grades 8, 9, and 10 and matriculated at 14.

He chose Wits and in 2014 graduated with a doctorate in Biochemistry.

He is now a post-doctoral researcher at the Council for Scientific and Industrial Research.



S'onqoba Maseko, 28

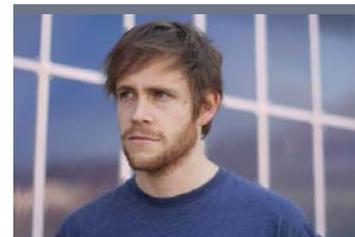
Head: FNB Innovators

BSc (Mathematical Statistics) 2009
 BSc Hons (Actuarial Science) 2010

S'onqoba received certificates of first class at Wits and was a Golden Key International Honour Society member.

She is a Wits benefactor, World Economic Forum Global Shaper, and founder of *Kamv'elithe*, which supports girls.

S'onqoba heads FNB Innovators, where she drives strategy to implement innovative ideas at the bank.



Mark Middlewick, 28

Director/screenwriter for Oscar winners

BA (Dramatic Arts) 2010

Mark studied film and screen-writing. He twice won the Edgar Bold Award and certificates of first class at Wits.

In 2015 he won the Jameson First Shot competition in which Kevin Spacey selects scripts to make into short films.

Mark directed Oscar-winner Adrien Brody in his short film, *The Mascot*.

ADVANCING INNOVATION & RESEARCH

As a leading research intensive university on the African continent, Wits is building on its long tradition as a gateway to knowledge and understanding in Africa.

Wits has 21 A-Rated Researchers: these are leading international researchers benchmarked against the best in the world by international peer reviewers.

In addition, in 2013 Wits initiated a programme to recruit 30 new distinguished scholars, defined by the University as researchers who have an international reputation of scholarly excellence. Fourteen of these scholars have already been appointed.

In 2015, in partnership with the University of Cape Town, Wits led the founding of the African Research Universities Alliance, a consortium of 17 African universities with the goal of increasing African research capacity and collaboration.

To support more robust Africa-based research into the future, we are moving to expand the proportion of post-graduate students to 50% of the student body (up from the current 30%) by our centenary in 2022.

Hosts **25**

PRESTIGIOUS
NATIONAL
RESEARCH
FOUNDATION
SA RESEARCH
CHAIRS



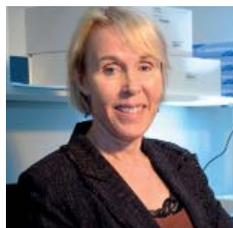
Institutions that cite Wits most



32% INCREASE IN RESEARCH OUTPUT
since 2012

OVER 85% of Wits' research
PUBLISHED IN LEADING INTERNATIONAL JOURNALS

GAME CHANGING INNOVATORS



Professor Helen Rees

Executive Director at Wits Reproductive Health and HIV Institute

The Executive Director of the Wits Reproductive Health and HIV Institute (Wits RHI), Professor Helen Rees, received the Harry Oppenheimer Fellowship Award on 5 June 2015.

The annual award is made to scholars of the highest calibre who are engaged in pioneering, globally significant work that advances knowledge, teaching, research and development in South Africa.

Rees is a Personal Professor in the Wits Department of Obstetrics and Gynaecology. She is an internationally renowned expert in HIV prevention, reproductive health and vaccines, and is one of South Africa's best-known female scientists.



Dr Musa Manzi

Director at Wits Seismology Reflection Centre

BSc 2008, BSc Hons 2009, PhD 2013

Dr Musa Manzi's internationally ground-breaking work on 3D seismic reflection data from the Wits Basin has opened up new ways of understanding the location of methane gas along underground faults, improving safety, evaluating resources and facilitating economic growth.

He has also collected a host of prestigious local and global awards for his work. This includes becoming the first African to win the international award for the Best Research Paper published in *Geophysics of the Society of Exploration Geophysicists* in 2012.

Dr Manzi currently teaches undergraduate students and supervises postgraduate students.

ADVANCING BROAD-BASED PROSPERITY

At Wits, we believe in creating wealth by earning it – and we give our graduates the tools to do so...

Situated in the industrial and commercial heartland of South Africa, Wits' emphasis on engineering, health sciences, law and commerce, the sciences and humanities produces professionals who are entrepreneurial, who are hard working, and who provide world-class services to South Africa and beyond.

We equip our graduates to create jobs and grow economies. Our alumni continue to contribute disproportionately to mining, power-generation, engineering and infrastructure development, and manufacturing. We work with business, industry, and professional associations to ensure that our graduates have the most relevant and up-to-date skills to meet the needs of a 21st Century world, and we take seriously our responsibility to produce professionals well-versed in the importance of ethics and social responsibility.

Alma Mater Index

24th
in the
world

in the Times Higher Education's 2013 Alma Mater Index, based on the number of Global Fortune 500 companies that are led by Wits Alumni.

BLOOMBERG BILLIONAIRE ranking 2014

WITS GRADUATES
JOINTLY RANKED **7th** in the
world

(measured by US-based billionaires)



TSHIMOLOGONG DIGITAL INNOVATION HUB

This three way partnership between government, industry and academia will anchor the rejuvenation of Braamfontein through the incubation of high-tech start-ups, research commercialization and high level skills development for students, working professionals and unemployed youth. This will also be the home of IBM's US \$70m investment in its 13th international research lab – which has catalyzed further co -investment by major international and local industry players such as Microsoft and Telkom.

GROWING PROSPERITY THROUGH ECONOMIC DEVELOPMENT

WITS HEALTH CONSORTIUM

A \$100m turnover non –profit company that harnesses and stimulates the commercial potential generated by research in the Faculty of Health Sciences. Academics are encouraged to operate their entities along entrepreneurial lines with strong investigator ownership. All surpluses are invested back into the University.

WITS DONALD GORDON MEDICAL CENTRE

First private teaching hospital in Africa. It was established to create a facility in the private sector for the training of medical specialists and sub-specialists.

GAUTENG CITY REGION OBSERVATORY

A partnership between Wits, the University of Johannesburg, and the Gauteng Provincial Government to support regional economic development.

WITS ENTERPRISE

A private company that markets and commercialises the University's intellectual capital through short course management, contract research and consulting, intellectual property management and technology transfer.



ADVANCING DEMOCRACY, HUMAN RIGHTS & CIVIL SOCIETY

Wits remains a vital participant in the vigorous debate about South Africa's future.

Wits is now a large and an incredibly diverse institution comprising over 40 000 staff, faculty and students of different races, ethnic groups, religions, socio-economic backgrounds and political affiliations. This makes for a very lively, often contentious, public square. Throughout, Wits remains committed to its traditional values as a stalwart defender of non-discrimination on any grounds, free speech, academic freedom, and open debate. It insists, however, that no one constituency or person can infringe upon the rights of another and has instituted clear guidelines to this effect.

As part of its civic engagement, Wits also hosts a number of organisations and initiatives that are central to the cultural fabric of Johannesburg, that focus on injustices in South African society, or provide services to some of the most underserved populations in the country.

PUBLIC PROTECTOR OF SOUTH AFRICA



Thuli Madonsela

LLB 1990
Devoted to the
Public Good

- Named by *Time* as one of the world's 100 most influential people in 2014
- Member of the team that drafted the South African Constitution
- Following 1994, declined position as ANC Member of Parliament, believing that holding public office would be her 'best contribution as a human being'
- As Public Protector has investigated complaints against some of South Africa's most powerful political figures, executing her duties without fear, favour or prejudice
- Likens her role to that of the *Makhadzi* (a traditional position held by the aunt of the Chief of the Vendas) who 'gives the people a voice while giving the traditional leader a conscience.'

STANDING UP FOR JUSTICE

Centre for Applied Legal Studies

Heavy rains in 2014 destroyed the homes of over 250 households in Kliptown and the community, one of the poorest in Johannesburg, was faced with few options. Under the South African Constitution the right to housing is guaranteed but the City of Johannesburg was failing to address the crisis. Lawyers from the Wits Centre for Applied Legal Studies (CALS) filed an urgent application to the High Court which ruled in favour of the households and ordered the City to relocate the residents within seven days.

A pioneer in the development of human rights law during the apartheid era, CALS remains committed to ensuring respect for constitutional rights and equal justice for all South Africans.



CALS secured homes for displaced Kliptown residents. Image by James Oatway

Wits Justice Project

Unable to afford bail, Ronnie Fakude, a paraplegic, was awaiting trial for over two years in the Grootvlei Correctional Centre. Without a wheelchair, Ronnie struggled to negotiate prison life and his situation further deteriorated when he contracted tuberculosis. Following intervention of the Wits Justice Project, Ronnie was permitted to await trial at home.

An award-winning investigative team of journalists, lawyers and researchers, the Wits Justice Project combines advocacy, education, journalism, and law to shed light on some of the most pressing issues facing the South African criminal justice system.

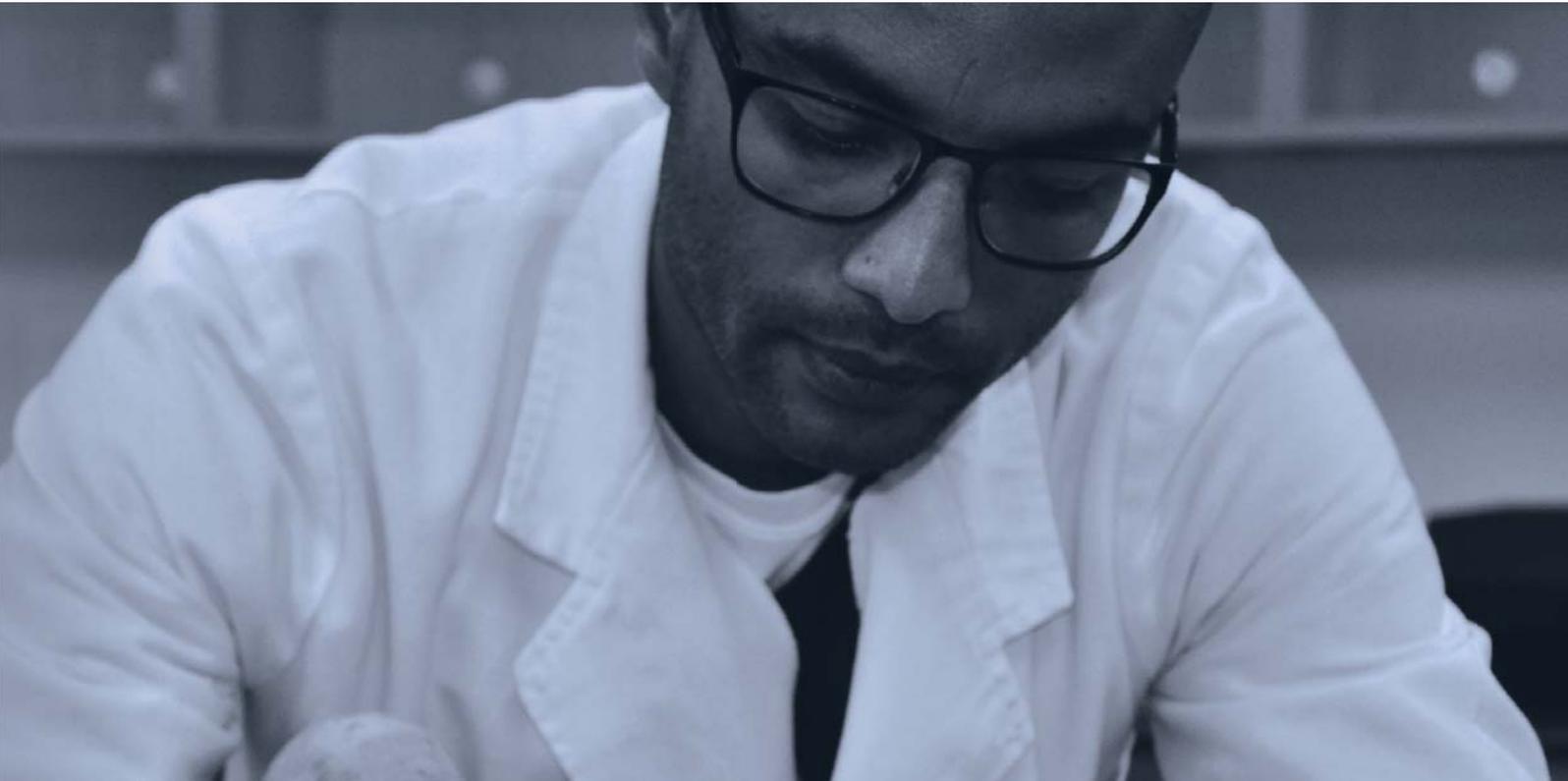


Ronnie Fakude

A COUNTRY AND A CONTINENT AT A CROSSROADS

At Wits we are now educating the *Born Frees* – those born after 1994 who have never lived under apartheid and who, in the face of entrenched inequality, are asking hard questions about the pace of transformation.

These are the leaders of tomorrow and they are impatient. What they do once they leave Wits will have far-reaching consequences for the future of both South Africa and Africa. Will they continue with the hard work of democratic transformation? Or will they seek answers in less democratic forms of government? Will they use the opportunities afforded them by a Wits degree to seek personal enrichment and advancement? Or will they do well by also doing good? When they reach Africa's halls of power, will they carry with them solid values and a belief in public service as a sacred responsibility to a nation? And will they see enough promise in Africa's future to make their lives on the continent?



Human and social dynamics are at the core of nearly every challenge facing our nation and our continent from climate change to creating a competitive and innovative workforce. Wits is the gateway to understanding and changing those dynamics for the better. We offer the education and knowledge that is essential for an inclusive economy, decent work, rural development, sustainable livelihoods, health, reduction of inequalities and a knowledge-based economy.

As one of only two globally-ranked research intensive universities in Africa, Wits embodies hope for the future of both South Africa and the continent.

Wits matters.

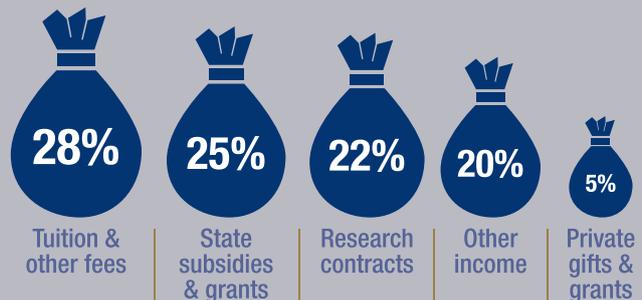
OUR VISION FOR THE FUTURE

We will contribute to transformation in South Africa and sustainable prosperity in Africa by building on our foundation of intellectual excellence, international competitiveness and local responsiveness.

We believe we are uniquely positioned to respond to the challenges of our era by more vigorously exploring local and broader African contexts as a basis for groundbreaking, globally significant research.

We seek to uphold the values enshrined in the South African Constitution and the Bill of Rights in teaching, research, service and social engagement.

where does wits get it's funds?



Total Annual Turnover **R5.4 Billion**

2022 Goals

To move to a postgraduate student body that is 50% of total enrolment, with the aim of supporting the national goal of expanding the number of new PhDs produced annually from around 38 per million of the population to at least 100 per million.

To expand international student numbers to at least 30% of the total student body enrolment.

To double Wits' research output through cross-disciplinary engagement and international collaboration.

To have in place the necessary infrastructure to support world-class education and research.

Challenges

Diminishing state subsidy support in real terms.

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Insufficient bursary and academic support for disadvantaged students, contributing to an unacceptable number of students leaving Wits before they graduate.

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Insufficient financial aid for international students, particularly from the rest of Africa, who are not eligible to receive South African government-funded bursaries.

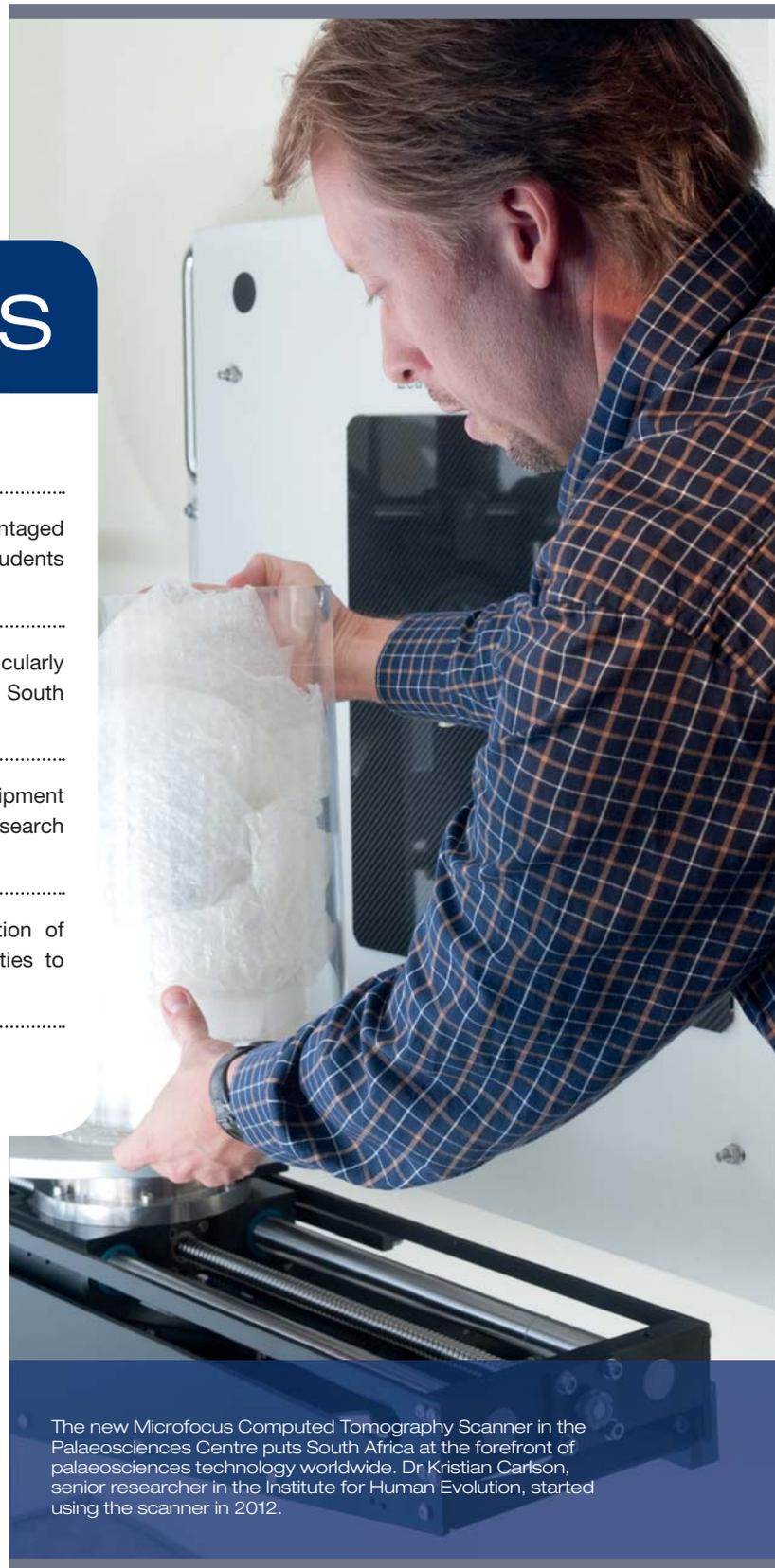
.....

The need to import expensive, sophisticated equipment required for advanced scientific and technological research and teaching.

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Ongoing infrastructural needs such as the renovation of ageing buildings and the construction of new facilities to accommodate state-of-the art teaching and research.

.....



The new Microfocus Computed Tomography Scanner in the Palaeosciences Centre puts South Africa at the forefront of palaeosciences technology worldwide. Dr Kristian Carlson, senior researcher in the Institute for Human Evolution, started using the scanner in 2012.

SUPPORT FOR WITS

Support for Wits has never been more critical as South Africa faces unprecedented challenges and as the university's traditional sources of income – government support and private tuition fees – now constitute less than 60 % of our funding needs.

In an increasingly competitive and knowledge-based world economy, in a young democracy in transition, in a burgeoning Africa, you can help ensure that Wits remains a vital and positive agent for transformation and global leadership in higher education.

YOUR DONATION TO WITS WILL SUPPORT:

Groundbreaking Research



Bursaries and Scholarships



Top Researchers and Academics



Development of Infrastructure



HOW TO GIVE

1

Make a donation to the Wits Foundation

You can make a donation to the Wits Foundation by cheque, online, or by electronic funds transfer. All donations to Wits are tax deductible in accordance with Section 18A of the Income Tax Act 58 of 1962.

To give by cheque, please make your cheque out to “Wits Foundation” and mail to: Wits Foundation, P O Box 107, Wits 2050, South Africa

To give online, please go to www.witsfoundation.co.za

For more information, please contact:
Peter Bezuidenhout, Director, Development and Fundraising
T +27 (0)11 717 9701 | donations@wits.ac.za | www.witsfoundation.co.za

USA Residents

2

Make a donation to Wits Fund

US residents can make a fully tax-deductible donation by cheque or online to the University of the Witwatersrand Fund, Inc., a 501(c)(3) tax-exempt organization (recognized by the U.S. Internal Revenue Service). In compliance with IRS regulations, the Board of Directors of Wits Fund maintains complete discretion over allocation of gifts to Wits. Gifts to Wits Fund qualify for an income tax deduction to the limits allowed by law.

To give by cheque, please make your cheque out to “University of the Witwatersrand Fund”, and mail it to: Wits Fund, PO Box 7101, New York, NY 10150

To give online, please go to www.witsinamerica.org

For more information, please contact:
Patricia Barber, Development and Fundraising USA
T +1 202 271 8244 | E patricia.barber@wits.ac.za | www.witsinamerica.org

UK Residents

3

Make a donation to the Wits Foundation UK

UK residents can make a donation by cheque or online to the Wits Foundation UK, a charitable organisation for the advancement of education, in particular the University of the Witwatersrand. The Foundation is able to reclaim tax on the donations of UK-resident taxpayers provided Gift Aid requirements are met, and higher-rate UK taxpayers may reclaim tax of their own via their annual UK tax returns.

To give by cheque, please make your cheque out to “Wits Foundation UK”, and mail it to: The Chairman, Wits Foundation UK, c/o Lynda Murray, Wits Development & Fundraising UK, 2nd floor, 35 Petersham Road, Richmond, TW10 6UH

To give online, please go to www.wits-UK.org

Charitable registration number: 1087539
Company incorporation number: 04217424

For more information, please contact:
Lynda Murray, Development and Fundraising UK
T +44 (0)757 093 0704 | lynda.murray@wits.ac.za | www.wits-uk.org

Wits Foundation

The University of the Witwatersrand Foundation was established by a Deed of Trust in 1978 as a registered Public Benefit Organisation (PBO) to collect and manage donations for the benefit of the University. A Board of Governors and Trustees appointed by the University Council manage the Wits Foundation, which is recognised as a PBO in terms of Section 30 of the Income Tax Act No 58 of 1962, as amended, and operates exclusively for charitable and educational purposes.

All donations to the Wits Foundation are tax deductible in accordance with Act 58 of 1962.
Tax certificates are issued in accordance with the legislation for all donations received.

GOVERNORS AND TRUSTEES

Chairman: David Brink (Director, Steinhoff)
Mike Bashe (MD, Eskom Finance)
Arnold Basserabie (Strategic Business Consultant)
Elisabeth Bradley (Businesswoman)
Bruce Dickson (Accenture Foundation)
Adrian Gore (CEO, Discovery Holdings)
Professor Adam Habib (Vice-Chancellor and Principal)
Brian Joffe (CEO, Bidvest Group)
Professor Tawana Kupe (Deputy Vice-Chancellor)
Dr Theunis Lategan (Deputy Chairman,
Barclays Africa Corporate)
Professor Jonathan Klaaren (WISER)

Suliman Mahomed
(Chairman and CEO, The Solly's Group)
Bonang Mohale (Chairman, Shell South Africa)
Christine Ramon (CFO, Anglo Gold Ashanti)
Alan Romanis (Director of Companies)
Tokyo Sexwale (Non-Executive Chair,
Mvelaphanda Holdings)
Isaac Shongwe (Chairman, Letsema Holdings)
Professor Bruce Sparks
(Former Head: Department of Family Medicine)
Advocate Anthony Stein
(Johannesburg Bar)

The University of the Witwatersrand Fund, Inc. (USA)

The University of the Witwatersrand Fund, Inc., is an independent, non-profit corporation chartered under the laws of New York State, and recognised by the U.S. Internal Revenue Service as a 501(c)(3) tax-exempt corporation. In compliance with the IRS regulations, the Board of Directors of Wits Fund maintains complete discretion over allocation of donations to Wits University. Donations to Wits Fund qualify for income tax deductions in the United States to the limits covered by the law.

BOARD OF DIRECTORS

Chairman: Stanley M. Bergman
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Jane Levy (Angel investor)
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Education at New York University)
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Wits Foundation UK

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PATRON AND TRUSTEES

Patron: Sir Sydney Kentridge QC
Chairman: William Frankel OBE
Trustees: Professor Colin Bundy
(Former Wits Vice-Chancellor)

Professor Sir David King (Special Representative
for Climate Change for the UK Government)
Professor Adam Habib
(Wits Vice-Chancellor and Principal)

Registration Details:
Charity Registration Number 1087539
Company Incorporation Number 04217424