



CORPORATE PROFILE 2014/2015



NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT[®]

It all starts here[®]

vision

The NWU's vision is to be a pre-eminent university in Africa, driven by the pursuit of knowledge and innovation.

mission

The NWU's mission is to become a balanced teaching-learning and research university and to implement its expertise in an innovative way. This the Institution will achieve as it lives its values, strives for sound management and pursues transformation, while being locally engaged, nationally relevant and internationally recognized.

strategy

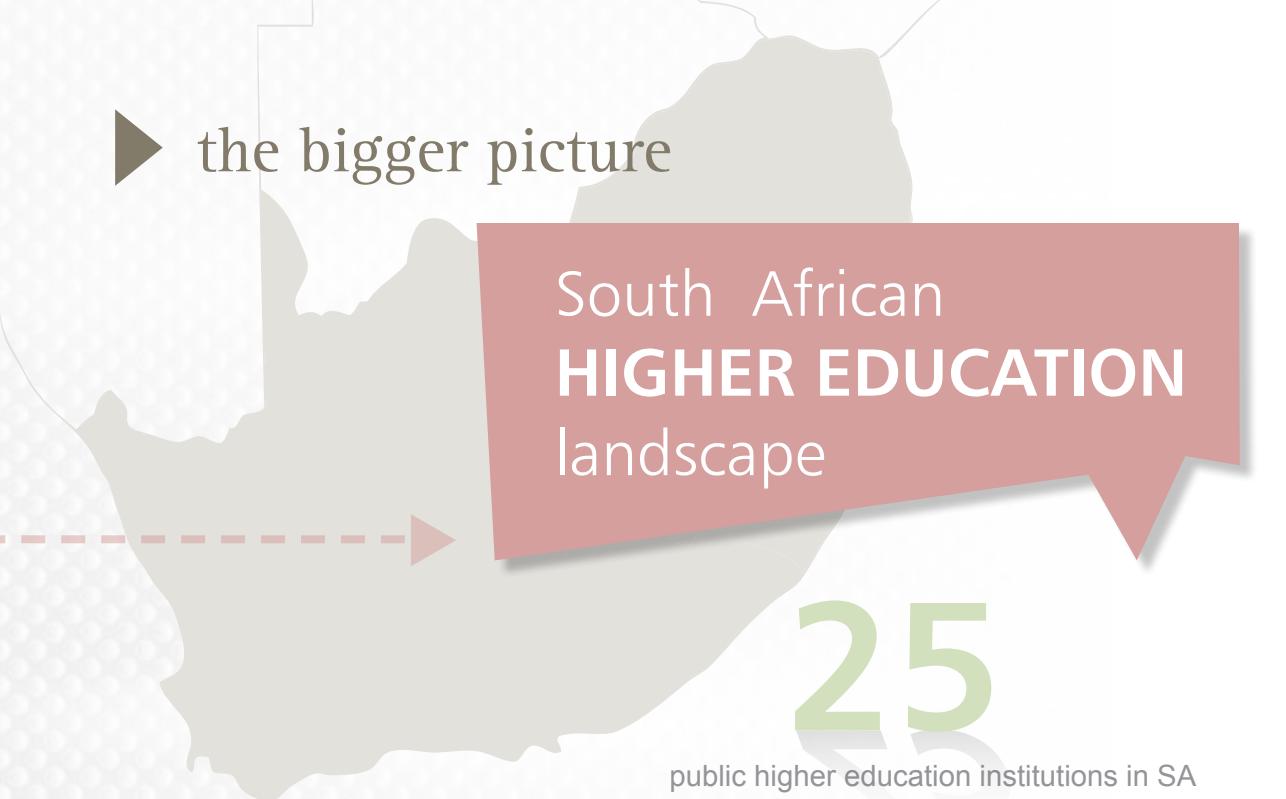
The NWU strategy in support of its mission is to increase quality and quantity of research through focus in terms of campus niches, appropriate incentives and capacity building and development, while strengthening the quality of teaching and learning by improved client focus, e-learning, innovation and diversity. Accordingly:

- ▶ The Mafikeng Campus will become a balanced teaching-learning and research campus, with a strong focus on broadening access in SET, and the further development of unique programmes linked to rural development.
- ▶ The Potchefstroom Campus is in the process to reposition itself to become a research-directed campus where excellence in both teaching-learning and research are mutually reinforcing.
- ▶ The Vaal Triangle Campus will be a reputable regional campus that is quality driven with relevant and expanded academic offerings to address local and national needs and adhere to international standards.



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► the bigger picture

South African **HIGHER EDUCATION** landscape

25

public higher education institutions in SA

6

UNIVERSITIES OF
TECHNOLOGY

6

comprehensive universities

13

CONVENTIONAL
UNIVERSITIES

North-West University (NWU)
one of the conventional universities in SA

Higher Education
South Africa (HESA)
governing body for SA's higher
education institutions

► our management model

a new institution

The NWU officially came into being on 1 January 2004, as part of the transformation of the higher education landscape.

two-tier management model

Institutional Office
Three campuses

campuses

Mafikeng Campus
Potchefstroom Campus
Vaal Triangle Campus

faculties: mafikeng

Agriculture, Science and Technology
Commerce and Administration
Education and Training
Human and Social Sciences
Law

faculties: potchefstroom

Economic and Management Sciences
Law
Theology
Arts
Natural Sciences
Education Sciences
Engineering
Health Sciences

faculties: vaal triangle

Humanities
Economic Sciences and Information Technology

The NWU's journey started a decade ago. Since then, our achievement curve has grown exponentially. Here is the evidence:

teaching-learning scoreboard

students enrolled

2004 ► 2013
40 145 60 975

PhDs awarded

2004 ► 2013
87 168
= 93,1 % growth

qualifications awarded

2004 ► 2013
9 657 15 464
= 60,1% growth

undergraduate pass rate

2004 ► 2013
75,20% 85,1%

research scoreboard

the total weighted research output units increased from 789 in 2004 to 2 237 in 2013
= 183,5% growth

postdoctoral fellows
2004 ► 2013
9 140

total income 2013
R2 972,5 million

NRF-rated researchers

2004 ► 2013
73 169
= 131,5 % growth

► pay-off line

- It all starts here
- Dit begin alles hier
- Gotlhe go simologa fano

Empowerment status:

Black executive directors	40%
Female executive directors	20%
Black staff (% of total staff)	35%
Female staff (% of total staff)	57%

Racial composition of contact students in 2014:

Asian	White	Coloured	African	Total
420	16 763	1 163	18 122	36 468
1%	46%	3%	50%	

Gender composition of contact students in 2014:

Male	Female	Total
15 075	21 393	36 468

Racial and gender composition of permanent staff in 2014:

Female

Asian	White	Coloured	African	Total
20	1 365	98	527	2 010

Male

Asian	White	Coloured	African	Total
17	857	70	581	1 525

the spirit of the north-west university

The spirit of the North-West University is reflected in the way it unlocks the future for people and enables them to make their dreams come true.

This spirit runs across all our activities and operations, from our academic offerings to the research we conduct, our management model, campus structure, student body, community engagement and sports achievements. The “keys” that the university uses to unlock the future for its stakeholders, include the following:

► unique programmes

The NWU is the only university to offer a Master of Engineering in nuclear engineering (on its Potchefstroom Campus), and a master's degree in applied positive psychology (on its Vaal Triangle Campus).

Addressing the need of access to tertiary education, the Vaal Triangle Campus furthermore introduced six new extended degree programmes in 2013. They are in marketing management, financial accountancy, international trade, data mining and financial mathematics.

In addition, the Mafikeng Campus offers the only BScAgric (Animal Health) programme in South Africa that is recognised for registration by the South African Veterinary Council.

This campus also launched the first South African Qualifications Authority (SAQA) accredited multi-disciplinary Bachelor of IKS teaching programme in 2013.

Furthermore, the Centre for Business Mathematics and Informatics on the Potchefstroom Campus offers a new master's programme in advanced business analytics which runs parallel with the programme in quantitative risk management.

► top research entities

In terms of the NWU's Research Entities Model, the university boasts three centres of excellence, namely the Centre of Excellence for Nutrition (CEN), the Centre for Space Research and the Centre of Excellence for Pharmaceutical Sciences (Pharmacen). All three are situated on the Potchefstroom Campus.

► entrepreneurial learning

Academic programmes in entrepreneurship are included in the BCom Entrepreneurship and Business Management degree and in the MBA qualification. BCom Entrepreneurship and Business Management, BSc Consumer Sciences and BSc IT students also take a module on problem solving for business that focuses on applying creative solutions to complex problems experienced in business.

In addition, the bhive Enterprise Development Centre on the Vaal Triangle Campus launched its Enterprising Women Programme in 2013 to assist female entrepreneurs to achieve their goals and realise their business dreams.

► focus on internationalisation

As globalisation is a phenomenon of the modern era, the NWU focuses on internationalisation through its International Office.

This office coordinates and facilitates the internationalisation efforts of the university, such as student and staff exchanges, and contracts with regard to academic, research, cultural and sports matters.

► royalties

Patents and income from product sales generate around R3 m a year in royalties, licence income and product sales. The NWU holds 14 patents in the USA.

► sporting excellence

The NWU boasts a Rugby Institute and a Hockey Academy on the Potchefstroom Campus, a Soccer Institute on the Mafikeng Campus, and a Canoeing Club on the Vaal Triangle Campus.

Several sports teams from our three campuses were crowned University Sports South Africa (USSA) champions during 2013.

The karate team from the Potchefstroom Campus walked away with the top honours for the 14th consecutive year, whilst the badminton and squash teams were also crowned champions, together with the men's athletic team.

sports village

A four-star Sports Village on the Potchefstroom Campus accommodates sports teams that train at the university. The Spanish soccer team was the first to make use of this complex when they stayed here during the 2010 FIFA World Cup.

top training venue

In 2013, this university was the preferred training destination for international athletes from countries such as Argentina, Mexico, South Korea, Japan, Russia, Qatar, Spain, Italy, Hungary, Belgium, Switzerland, Sweden and France, amongst others.

These sportsmen and women used the top-of-the-range facilities at the FNB High Performance Institute (HPI) of Sport for their pre-season preparation and training.

The facilities and services include the best-equipped sports gymnasium in Africa and a complete range of sports-training, medicine, research, nutrition and psychology services.

In 2013 the institute attracted high-profile sports teams, among them England's National Rugby League team, senior cricket bowlers, u17 and u19 cricket teams and the Leeds University cricket team.

Several other international teams and athletes used the HPI as their training base camp, including Sri Lanka's national women's cricket team, the Malaysian national hockey team, and the Pumas rugby team.

South African teams who used the HPI facilities include the South African Protea women's and men's cricket teams, the national netball team, several franchise cricket teams, Kaizer Chiefs soccer team, SA Colts cricket, as well as the Bonitas marathon team.

centre of specialisation

The Institute for Sport Science and Development (ISSD) renders scientific support services to national and provincial sports federations, the North-West Academy of Sport, various sporting codes on the Potchefstroom campus (for instance the Rugby Institute and Hockey Academy) and the Soccer Institute on the Mafikeng Campus.

The institute has been a member of the International Association of High Performance Sports Training Centres for the past ten years.

our university

The North-West University (NWU) officially came into being on 1 January 2004.

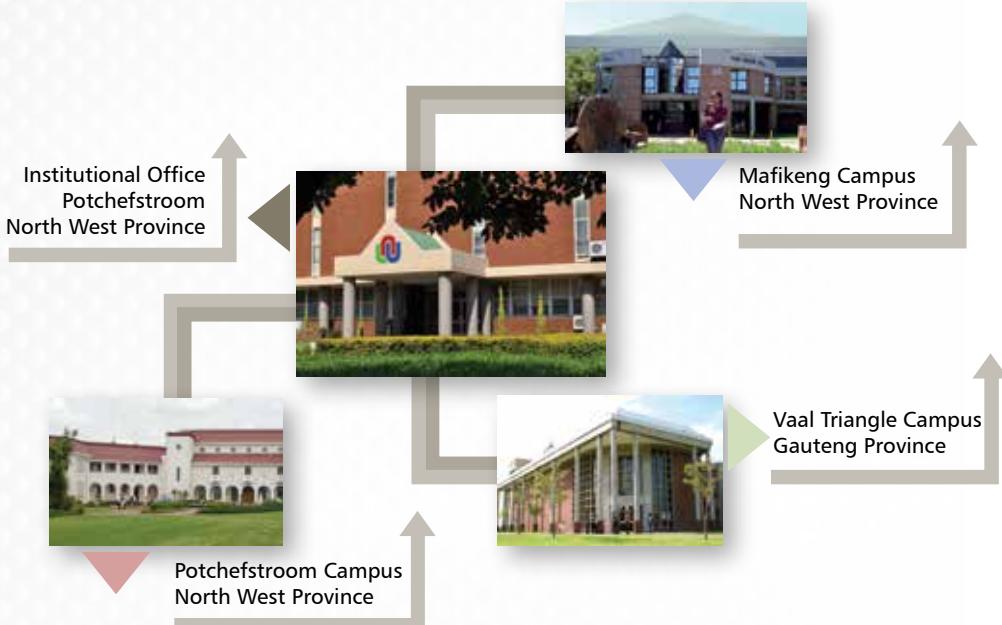
The institutions that came together to create the NWU were the Potchefstroom University for Christian Higher Education and the University of the North-West. The staff and students of the Sebokeng Campus of the Vista University were also incorporated.

The NWU is a unitary multi-campus institution with campuses spread across two provinces. These are the Potchefstroom and Mafikeng campuses in North West and the Vaal Triangle Campus in Gauteng. The Institutional Office (head office) is situated in Potchefstroom in close proximity to the Potchefstroom Campus. Each campus has its unique characteristics.

The **Mafikeng Campus**, for instance, is located in the capital of the North West Province and boasts an international ambience, with 559 international students from 28 different countries enrolled there in 2013.

The **Potchefstroom Campus**, which is the largest and oldest NWU campus, is situated in the historic university town of Potchefstroom. Although the majority of full-time undergraduate classes are conducted in Afrikaans, various measures are in place to facilitate and enhance access and success, for instance educational interpreting services into English in certain niche programmes.

Situated on the banks of the Vaal River in a proclaimed nature reserve, the **Vaal Triangle Campus**, with its diverse population, boasts a unique environmental setting, with various species of game roaming the campus grounds. The campus is driven by the determination to achieve nothing less than excellence in all its activities and as a regional asset in the Gauteng province it proudly acts as a catalyst for growth and regeneration.

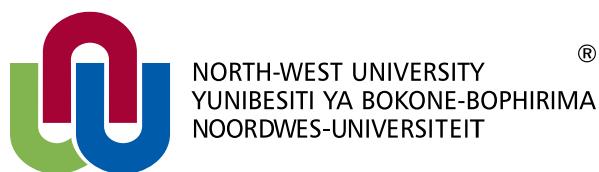


our brand identity

The North-West University's visual identity comprises consistent use of the logo, corporate colours, style guides, visual language and concepts approved by the Institutional Branding, Marketing, Communication and Advancement Committee. These guidelines are set out in the Corporate Identity Manual. We also have a brand policy, dealing with processes and rules to follow with regard to marketing and communication material that contribute to positioning the NWU.

our logo

The inter-locking links symbolise the unity of the merged North-West University and the three colours reflect the vibrant campuses of the university. Celebrating its tenth anniversary in 2014, a special logo was designed and used across the university.



► our management teams

As a result of the geographical distribution of its campuses, the NWU has adopted a two-tier management model suited to its operations.

This model consists of a core institutional layer that ensures university-wide consistency in policies, systems and procedures, and the three campuses that operate as decentralised and coordinated business units.

Prof Dan Kgwadi, the vice-chancellor, is the NWU's chief executive and accounting officer, responsible to the NWU Council for the institution's overall performance.

Prof Martin Oosthuizen is the deputy vice-chancellor for teaching and learning and Prof Frikkie van Niekerk is the deputy vice-chancellor for research, innovation and technology.

Prof Mashudu Davhana-Maselesele is the rector of the Mafikeng Campus, Prof

Herman van Schalkwyk the rector of the Potchefstroom Campus and Prof Thanyani Mariba the rector of the Vaal Triangle Campus.

Campus rectors are the executive heads of the various campuses and are responsible for the strategic, functional and operational management of each campus.

In addition to the institutional registrar, Prof Marlene Verhoef, there are three executive directors.

They are Prof Johan Rost (executive director for finance and facilities), Ms Phumzile Mmope (executive director for institutional advancement) and Mr Victor Mothobi (executive director for human capital).



The members of the institutional management are at the back from left Ms Phumzile Mmope, Prof Johan Rost, Prof Thanyani Mariba, Prof Herman van Schalkwyk, Mr Victor Mothobi and Prof Mashudu Davhana-Maselesele. In front are Prof Martin Oosthuizen, Prof Marlene Verhoef, Prof Dan Kgwadi (vice-chancellor), and Prof Frikkie van Niekerk.

management team: mafikeng campus

Prof Mashudu Davhana-Maselesele, rector of the Mafikeng Campus, stands at the helm of a diverse and focused campus management team. She is supported by a vice-rector for teaching-learning and quality assurance, Prof Lumkile Lalendle, the deans of the various faculties, a campus registrar and directors of support departments.



Prof Mashudu
Davhana-
Maselesele
Campus Rector



Prof Lumkile
Lalendle
Vice-rector:
Teaching-Learning
and Quality
Assurance



Vacant
Vice-rector:
Research



Prof Eno Ebenso
Dean: Faculty
of Agriculture,
Science and Tech-
nology



Prof Sonia
Swanepoel
Dean: Faculty of
Commerce and
Administration



Prof Dawid
Gericke
Dean: Faculty of
Education and
Training



Prof Petrus Botha
Dean: Faculty of
Human and Social
Sciences



Prof Melvin Mbao
Dean: Faculty of
Law



Mr Frank
Madimetja
Nkoana
Campus Registrar



Prof Sevid
Mashego
Director: Special
Projects



Mr Etienne
Mostert
Director: Finance



Mr Koos
Degenaar
Director:
Marketing and
Communication



Mr Lester
Mpolokeng
Executive
Manager: Office
of the rector



Dr Karabo Mabe
Dean of Students

management team: potchefstroom campus

Harnessing the expertise of his campus management team, Prof Herman van Schalkwyk leads the way on the Potchefstroom Campus. He is assisted by three vice-rectors, Prof Mariëtte Lowes (vice-rector for teaching-learning), Prof Rantoa Letšosa (designated vice-rector for teaching-learning) and Prof Amanda Lourens (vice-rector for research and planning), the deans of the various faculties, a campus registrar and several directors of support departments.



Prof Herman
van Schalkwyk
Campus Rector



Prof Mariëtte
Lowes
Vice-Rector:
Teaching-Learning



Prof Rantoa
Letšosa
Vice-Rector:
Teaching-Learning
(Designated)



Prof Amanda
Lourens
Vice-Rector:
Research and
Planning



Mr Frans du Preez
Campus Registrar



Mr Bobo van der
Westhuizen
Chief Director:
Finance and
Facilities



Mr Theo Cloete
Director:
Marketing and
Communication



Prof Rikus Fick
Dean: Student
Affairs



Prof Jan
Swanepoel
Dean: Faculty
of Arts



Prof Kobus
Pienaar
Dean: Faculty of
Natural Sciences



Prof Fika Janse
van Rensburg
Dean: Faculty of
Theology



Prof Nicola Smit
Dean: Faculty
of Law



Prof Susan Visser
Dean: Faculty of
Economic and
Management
Sciences



Prof UJ Grobler
Dean: Faculty of
Engineering



Prof Awie Kotzé
Dean: Faculty of
Health Sciences



Prof Robert
Balfour
Dean: Faculty
of Education
Sciences



Prof Manie
Spamer
Executive
Director: Unit for
Open Distance
Learning

management team: vaal triangle campus

Prof Thanyani Mariba is the rector of the Vaal Triangle Campus. Manning the frontline with him is Prof Linda du Plessis, vice-rector for academic, quality and planning. The rest of the management team comprises two deans, a campus registrar and directors of support departments.



Prof Thanyani
Mariba
Campus Rector



Prof Linda
du Plessis
Vice-Rector:
Academic, Quality
and Planning



Prof Tinie Theron
Dean: Faculty of
Humanities



Prof Herman van
der Merwe
Dean: Faculty of
Economic Sciences
and Information
Technology



Ms Elbie Steyn
Campus Registrar



Mr Herman Steyn
Chief Director:
Finance and
Facilities



Mr Warren
Makgowe
Director:
Marketing and
Communication



Ms Prem Coopoo
Dean of Students

our road to success

Looking at the summary of the NWU's achievements with regard to its core business, it is evident that the achievement curve has increased during the past few years. This applies to almost all achievement indicators, as shown in the table below.

	2009	2010	2011	2012	2013
Total student enrolment	50 589	55 732	56 641	58 752	60 975
- Contact	26 853	29 243	31 663	34 389	36 195
- Distance	23 736	26 489	24 978	24 363	24 780
Undergraduate pass rate	83,6%	83,5%	85,2%	88,2%	85,1%
Graduation rate	27%	27%	27%	25%	25%
Degrees and diplomas awarded	13 445	15 083	15 904	14 669	15 464
Master's degrees awarded	659	633	639	670	781
PhDs awarded	123	129	115	154	168
Article equivalents published (total)	448	589	734	869	1 227 (provisional)
NRF-rated researchers	116	117	125	140	169
Total weighted research output	1 186	1 318	1 483	1 793	2 237
Total income	R1 827m	R2 002m	R2 318m	R2 702m	R2 973m
Surplus (recurrent items)	R58m	R37m	R63m	R103m	R17m
Staff cost/total cost	50,7%	52,8%	52,4%	52,2%	51,5%
Self-generated income	R647m	R642m	R751m	R864m	R944m
% of income from government	41,5%	44,6%	43,1%	40,8%	39,1%
% of income from tuition fees	22,4%	23,6%	24,7%	26,5%	28,4%
Capital expenditure on upgradings	R81,9m	R60,5m	R53,2m	R82,5m	R69,9m



our academic offerings

At the North-West University, it is not so much about education, but the opportunities that education brings. In other words, the NWU offers more than just an education: we offer people a place in the world.

Our academic offering provides students with great choice and flexibility, enabling them to fulfil their full potential and start developing their careers.

Apart from offering a number of academic programmes that cannot be found at other South African universities, the wide variety of campus programmes are also complemented by the NWU's geographic reach.

In addition, the NWU has the second largest distance learning unit in South Africa, currently offering distance learning programmes to 28 000 students. This group comprises mainly education, but also nursing and theology students.

This unit boasts close to 55 facilitation and 120 examination centres. These are spread throughout South Africa, while some are also situated in Southern African Development Community countries.

► interpreting services

In line with our policy of functional multilingualism, the NWU provides academic interpreting services for students. The main service is rendered on the Potchefstroom Campus, where approximately 26% of all modules are being interpreted.

The most important reason for offering the interpreting service on this predominantly Afrikaans-speaking campus is to facilitate access for non-Afrikaans-speaking students in a variety of fields of study.

Interpreting services are also provided on the Mafikeng Campus in certain modules and

will be expanded in 2015. At this campus, interpreting takes place from English to Setswana.

It is hoped that certain modules on the Vaal Triangle Campus will again be interpreted from 2015, where interpreting will take place from English to Afrikaans.

On the Potchefstroom Campus, a group of education students from the Royal Bafokeng nation receive simultaneous interpretation in Setswana in all their subjects to enable them to teach subject content in their mother tongue.

Interpreting also takes place on the Potchefstroom campus into South African Sign Language (SASL) for the BA Law field of study, making this programme accessible to Deaf students.

► developing critical skills for the country

The university focuses on developing scarce and strategic skills:

- > The NWU has the largest open distance learning teacher education unit in the country and offers education programmes for already employed teachers. In 2013 the NWU awarded 7 676 education qualifications, the majority to teachers who are looking to improve their qualifications.
- > It is also one of the NWU's priorities to address the dire shortage of approximately 22 000 accountants in the country. The NWU does this by offering



four professional accountancy degrees. They are degrees in forensic accountancy, chartered accountancy, management accountancy and financial accountancy. The NWU is the only university in South Africa offering all four specialisations in accountancy at undergraduate level.

► nwu campuses

Each of the NWU's three campuses has definite strengths and capabilities, in line with the university's strategic direction of both unity and diversity.

mafikeng campus

The Mafikeng Campus is the second largest of the NWU's three campuses, with 10 713 students enrolled in 2013, of whom 1 245 were enrolled for distance programmes. It has five faculties, namely Agriculture, Science and Technology, Human and Social Sciences, Education and Training, Commerce and Administration, and Law.

The campus offers various unique programmes:

> **Transport Economics and Logistics Management**

Established in response to identified critical scarce skills in South Africa, this programme is one of the flagship programmes in the country.

> **Animal health**

The large Animal Health complex houses amongst others a modern animal clinic to enhance the undergraduate teaching programme, and large diagnostic and research laboratories to facilitate post-graduate studies.

> **Indigenous Knowledge Systems (IKS)**

The IKS centre offers a four-year Bachelor of IKS with specialisation options in agriculture,

science and technology, health, information and communication technology, and arts and culture. The latter includes languages from where research programmes for master's and doctoral degrees will evolve.

Indigenous knowledge is local knowledge and practices that are unique to and developed within a particular culture or society.

> **Centre for Applied Radiation Science and Technology (CARST)**

As a pioneer in applied radiation studies, this centre is mandated to carry out research and build capacity for the nuclear industry in South Africa. The centre offers programmes at honours and master's degree level.

> **Legal teaching and learning**

The Faculty of Law's LLB programme is very popular, with students hailing from as far afield as Botswana, Cameroon, Nigeria, Zimbabwe and Zambia.

> **Improving the quality of education in South Africa**

The Faculty of Education and Training has positioned itself to address the critical shortage of teachers in the country by training new teachers as well as improving the skills of those teachers who are already qualified through continuous professional development.

> **Academics shine**

An academic from the School of Mathematical and Physical Sciences was chosen as member of the National Research Foundation's Astronomy Advisory Council.

In addition, a staff member from Industrial Psychology was one of five finalists in the national DHL Rising Star Awards, while two lecturers from the School of Economic Sciences received the Best Paper Award at the 19th International Business Information Management Association conference in Spain.



> A career in sports

As mentioned in the next section – “Our Students” – a Soccer Institute was established on the Mafikeng Campus at the beginning of 2007. In addition to soccer training, students also receive academic training. They can for instance enrol for a bachelor degree of their choice, or a three-year diploma in Sports Sciences.

potchefstroom campus

This largest of the NWU’s campuses had 43 750 students registered in 2013, of whom 23 464 were enrolled for distance programmes.

The campus accounts for most of the NWU’s research output and National Research Foundation-rated researchers, and has eight faculties. These are Arts, Natural Sciences, Theology, Education Sciences, Economic and Management Sciences, Law, Engineering, and Health Sciences. In addition, the campus boasts 23 research entities and a number of centres and institutes where all research activities take place.

> International recognition

The Honours BSc Quantitative Risk Management (QRM) programme of the Centre for Business Mathematics and Informatics® (Centre for BMI) has received international recognition from two global professional risk management bodies.

> Excellent programmes

The standard of the open distance learning programmes offered by the Faculty of Education Sciences compares to the best in the world, according to experts in Australia, the Netherlands, Uganda and the UK. The faculty also has the highest throughput rates for its pre-service teacher training programmes nationally.

> Academic at the helm

A seasoned linguist and director of the School of Languages is the national chairperson of the “Nasionale Taalliggaam vir Afrikaans” (the national language association for Afrikaans), the Afrikaans Language Museum and Monument association, and the South African Academy for Science and Art. He is also a member of the Pan South African Language Board.

> Sought-after awards

The dean of the Faculty of Economic Sciences and Management has been named one of the country’s most influential women in education and training. She received the award in the business magazine, CEO (Celebrating Excellence in Organisations) competition to honour South African women’s contribution in the business world and in government.

The dean of the Faculty of Engineering was elected as first non-American president of the Association of Energy Engineers.

In addition, a lecturer from the same faculty won a national teaching excellence award made by the Higher Education Learning and Teaching Association of Southern Africa.

> World-class fabrication laboratory

The Faculty of Engineering boasts a world-class fabrication laboratory (Fablab) where people can use technology to transform almost any idea into a design.

> Soaring globally

At the 2012 world championships in the USA, the JS1 Revelation glider, designed within the School of Mechanical and Nuclear Engineering, was voted best glider at the championships. In 2013, JS1 Revelation gliders took all three top spots at the world championships in the UK.



> Students excel

Two students from the School for Music won bursaries to study at the Musikhochschule in Cologne, Germany in 2013. In addition a final-year student at the School of Chemical and Minerals Engineering on the Potchefstroom Campus won the Coal Processing Society's Tertiary Student of the Year Award.

Graphic Design students scooped many major design prizes in 2013. These include awards from the South African Post Office Philatelist Federation, the Design Indaba, the Institute for Packaging South Africa, and the World Packaging Organisation. They also won several Pendoring and Loerie awards and a second place in a national Film Fundi competition.

Law students won the LexisNexis Intervarsity Criminal Mock Trial Competition for the fifth consecutive year. Students from the Centre of Excellence for Pharmaceutical Sciences (Pharmacen) won the first and second places in the Young Scientist competition organised by the Academy of Pharmaceutical Sciences of South Africa and the South African Society for Basic and Clinical Pharmacology.

> CTexT®

The Centre for Text Technology (CTexT®) does research in human language technology and develops language technology products, such as spelling checkers and machine translations, for South African languages.

Human language technology allows people to use computers and other technologies in natural languages (such as isiZulu or Afrikaans). The government-funded Language Resource Management Agency (RMA), managed by CTExT, aims to help with data development for researchers and developers, thereby facilitating new technologies in more languages.

> Taking training to a new level

The Faculty of Health Sciences uses medical simulation mannequins and ultra-modern simulation pharmacies to train healthcare and

pharmaceutical students. They also boast a Unit for Training in Primary Health Care and a Centre for Child, Youth and Family Studies.

> Solar fuels workshop

The Faculty of Engineering hosted the international Solar Paces solar fuels workshop in February 2013, with guest speakers from Israel, Germany and Australia.

> Pioneers in extrusion

Extrafrica, a training initiative in the Centre of Excellence in Advanced Manufacturing, organises training seminars and an annual international food extrusion conference, supporting the local food extrusion industry.

Extrusion is a process used to manufacture products in the food, feed, plastic, powder paint and compounding industries.

> Unique drug delivery technology

Researchers from the DST/NWU Preclinical Drug Development Platform and the Centre of Excellence for Pharmaceutical Sciences have developed a unique drug delivery technology, known as Pheroid™, for more effective treatment of diseases such as malaria and for the delivery of large drug molecules across the skin.

> International player in HIV/Aids treatment

Another cutting-edge accomplishment is the university's participation in an international consortium that won a \$7 billion tender to contribute to the United States' President's Emergency Plan for Aids Relief (PEPFAR).

vaal triangle campus

Although the smallest of the three campuses, with 6 512 registered students in 2013, this campus is a powerhouse of academic expertise.

The campus has two faculties, namely the Faculty of Humanities with four schools, and the Faculty of Economic Sciences and Information Technology with three schools.

> Teaching-learning activities

To support its students and maintain a pass rate of 84%, the campus expanded Supplemental Instruction (SI) to include 100 modules in the first semester and 81 in the second semester. SI supported 63% of all at risk modules.

In addition, the peer mentoring programme for first-year students was successfully introduced to all campus residences, including the two day residences.

> Enhancing various skills

A **Language and Writing Centre** within the School of Languages helps students use language more effectively. Here the students are assisted with argumentation skills, paragraphing, referencing and conceptual structuring to assist with the process of academic writing.

The **Serious Games Institute – South Africa**, which is a joint venture between Coventry University in the United Kingdom and the Faculty of Economic Sciences and Information Technology, uses special simulation games to train people in subject fields such as socio-economics, regional planning, and risk assurance.

The Vaal Triangle Campus also has a **Centre for Continuing Professional Development (CCPD)**, which offers short courses and workshops in various fields, such as project management, labour relations, and management and computer skills. Local governments, the Gauteng Department of Education, the Kaizer Chiefs Football Club and the South African Football Association are a few of the companies that have benefited from these programmes.

The **Enterprise Development Centre** represents an entrepreneurial development initiative for students and for community

members and businesses in the Vaal Triangle region. In essence, the EDC is empowering anyone to become entrepreneurs. It forms part of the bhive project (Bridging Business and Education by Establishing a Hub of Innovative Ventures and Expertise). The bhive is the result of a 1,8 million Euro grant from the Netherlands.

The **Centre for Applied Risk Management (UARM)** addresses the need for postgraduate risk management education and applied risk research. The focus is on senior and executive management, and board members of financial institutions.

► promoting academic success

An important factor in academic performance at university level is well-developed skills in learning, reading, life skills and academic literacy.

The NWU offers several programmes to promote student success.

One of these entails academic literacy and skills tests undertaken by all first-year students of the NWU to determine whether they should benefit from the additional academic literacy module offered to all first years, as well as other skills programmes offered by the NWU.

A compulsory module in academic literacy is offered on all NWU campuses. In addition, other compulsory modules, helping students to understand the world as a set of related systems, have been phased into all academic programmes at the second- and third-year levels.

The NWU also invested in the institution-wide implementation of Supplemental Instruction (SI) on all campuses. SI is a student academic support system, developed and used worldwide. Furthermore, the NWU provides academic support such as peer mentoring, tutorials, reading laboratories and writing centres on all three campuses to ensure student success.

our students

The NWU believes in the all-round enabling of students so that they are well prepared to embark on successful careers, contribute to society and live balanced, purposeful lives.

The NWU wants to be the place where students not only achieve academic excellence, but also give wings to their imagination, visualise their aspirations and incubate future success in all of life's spheres. Campus life is therefore geared to holistic growth and development, as is clear from the wide range of cultural, sports, counselling and well-being activities in which students are encouraged to participate.

► student profile

Diversity is the defining characteristic of the NWU's student profile. This is to be expected, considering that the university has three campuses spread across two provinces. It is also welcomed, as it reflects the dynamics and demographics of South African society.

The NWU sees this as a competitive advantage for students, because by working and learning together, they develop strength from their diversity and grow in their ability to communicate and interact.

In 2013, the NWU student profile looked like this:

Campus	Students
Mafikeng	10 713
Potchefstroom	43 750
Vaal Triangle	6 512
TOTAL	60 975

► undergraduate and postgraduate students

By far the majority of students are undergraduate students, with 47137 studying towards bachelor's degrees or diplomas in

2013. However, the NWU also had significant numbers of postgraduate students:

Master's students	2 871
Doctoral students	1 171

► study options

In 2013, some of the study choices of students studying at the NWU were the following:

Major field of study	Contact	Distance	Total (%)
Science, engineering, technology	11 736	576	20%
Business/management	9 866	33	16%
Education	4 772	21 769	44%
Other humanities	9 820	2 402	20%

This profile can be expected to shift more towards the natural science and commercial disciplines, in line with the NWU's Institutional Plan.

► student facilities and infrastructure

The NWU invests extensively in student facilities and infrastructure, with the aim of offering the best possible learning and extracurricular development opportunities to students.

The university has 123 active projects as part of its 2013 to 2015 infrastructure plan. The value of these projects ranges from R50 000 to R129 million.

Various projects were completed in 2013 and commissioned early in 2014. These include phase two of a new natural sciences complex on the Mafikeng Campus and refurbishment of the IT machine room on the Potchefstroom Campus.

In addition, all three campuses have big projects underway.

These projects are a new nursing building and two new residences on the Mafikeng Campus, a new building for pharmacy and biological sciences on the Potchefstroom Campus and a library, which is a R60-million facility, on the Vaal Triangle Campus.

► hiv/aids

The NWU's HIV/Aids programme for staff forms part of the university's Employee Health and Wellness Programme, while the programmes for students fall under the campus deans of students.

HIV/Aids services are available at all campuses, with the campus health clinics providing vol-

untary counselling and testing to both staff and students.

► career centre

The Career Centre engages in a variety of activities to promote the employability of NWU students and create networks that make employers aware of the strengths of the university's students.

A careers consultant empowers NWU students in CV writing and preparation for job interviews.

During 2013, six career fairs, attended by 106 companies, were held across the NWU, offering students the opportunity to network with interested employers and learn more about the range of careers in their fields of study.

► extracurricular development

The NWU offers students many opportunities to develop their talents by participating in sport, arts, cultural and other extramural activities.



Members of the NWU's institutional student representative council are at the back from left Mr Parker Makonzo, Mr Paul Maritz, Ms Motlalepula Tlhabetsane , Ms Makhotso Mosikidi, Mr Sydney Madibo, Mr Karabo Kau, Mr Maxwell Dyasi and Mr Thabelo Tshitaka. In front are Ms Monica van Schalkwyk, Mr Tutu Kgobane, Ms Marié Naudé and Mr Bethuel Mokoena.

► cultural activities

The **Mafikeng Campus** has distinguished itself in art, music, choral and multicultural drama, with the campus choir winning first place for four consecutive years in the regional championships of the Telkom/Old Mutual choral championships.

The choir also came second at the Sedibeng Choral competition and represented the region at the National Choir Festival.

The **Potchefstroom Campus** hosts the renowned NWU-PUK Choir, the Boulevard Harmonists, an a capella ensemble, and the NWU-PUK Serenaders.

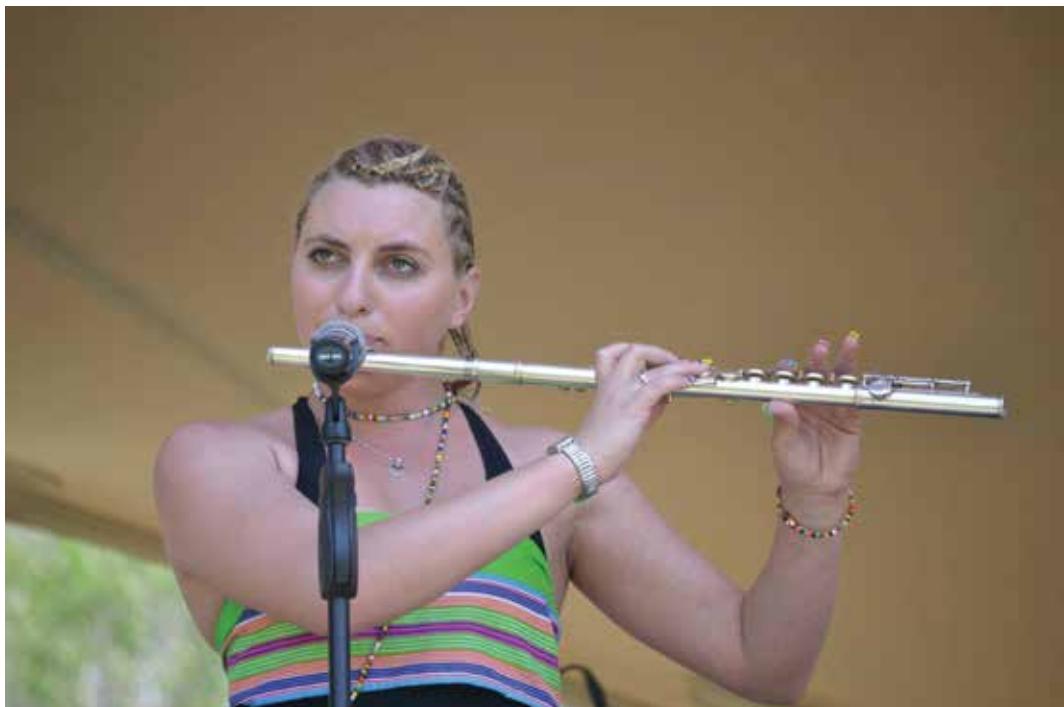
In addition, the campus boasts the NWU-PUK Symphony Orchestra, the Thalia Drama Society, the Disfunctional Beat Dance Society, the NWU-PUK Amici male voice ensemble, and

Divaco, a cultural society celebrating Cape culture through drama, dance and music.

In 2013, the campus celebrated the 30th anniversary of the annual Campus Arts Talent Festival with a big gala event, with performances from category winners from festivals held during the past three decades.

Developing arts in the North West Province is another priority of the NWU. In this respect, regular learnership programmes and certificate courses are offered by the Institute for Arts Management and Development (Artéma) on the Potchefstroom Campus.

The **Vaal Triangle Campus** established a campus radio station, River FM. The campus choir, *The Voices of the River*, takes part in several regional competitions. An annual Cultural Festival is one of the highlights on the campus calendar with all three NWU campuses taking part.



► sport

The NWU can, based on achievements on the sports field, justifiably claim to be one of the top sports universities in South Africa.

To strengthen this reputation, the NWU focuses on seven major sports codes, namely athletics, cricket, hockey, netball, rugby, soccer and tennis. In addition, the university offers opportunities for participation in 30 other sports and recreational activities, including cycling, karate, softball, squash, rock-climbing, table tennis and competitive chess.

smaller sports codes

Several Mafikeng Campus teams performed well at the USSA Championships in 2013. They were the **bodybuilding** team who won one gold medal, the **aerobics** team who brought home five silver and two bronze medals, the **karate** team who won four silver and seven bronze medals, and the **boxing** team who scooped one gold and two silver medals.

The boxing and karate teams, as well as the men's **cross country** and **softball** teams took fourth place and the ladies' **chess** team second place at the USSA games.

Two sports stars on the Mafikeng Campus were selected for South African teams. One made the national **netball** team and another the **SA ju-jitsu** presidential team who won two silver and one bronze medal at the United Nations World Championships in 2013.

Several other students were selected for provincial or USSA teams. These teams include sporting codes such as cross country, bodybuilding, **table tennis**, **football**, softball and **badminton**.

The **dance** club of the Mafikeng Campus also took part in the 2013 USSA Championships, and returned with eight medals.

Dance is also very popular on the Vaal Triangle Campus, with the team comprising female and male dancers. The dance team successfully represented the campus at the national USSA Championships where the team reached the quarter-finals.

Three couples reached the semi-finals where one couple took the second place. The dancers competed in the Couples, Latin and Ballroom divisions.

The Vaal Triangle Campus **bodybuilding** team came second at the USSA Championships, after the University of Zululand.

In terms of the campus's national standing, the NWU Vaal **chess** team is ranked number 10 in South Africa.

Its **Rugby Sevens** team played in the semi-final of the USSA Cup tournament and finished fourth in the A Division.

Due to the ideal location of the Vaal Triangle Campus on the banks of the Vaal River, the long-term vision is to develop **water sport** as a niche sports code.

To achieve this vision, canoe and rowing clubs were established and the rowing club was registered with Rowing SA. Members of the NWU Vaal Watuni Canoe Club took part in several competitions, including the Duzi Canoe Marathon and the gruelling Berg River Ultra Marathon.

The Vaal Triangle Campus recently included small sports codes such as basketball, chess, seven's rugby, **mountain biking**, **marathon running**, **golf** and **volleyball** in their new residence league structure.

The smaller sports codes on the Potchefstroom Campus also performed well at the USSA Championships. **Karate** proved itself once again to be one of the most successful smaller sports codes at the NWU when the Potchefstroom Campus's team won the USSA tournament for the 14th consecutive time.

The Potchefstroom Campus's **squash** and **badminton** teams also took first place.

major sports codes

One of the major sports codes supported on the NWU's Potchefstroom Campus is **rugby**, and this campus boasts a highly acclaimed Rugby Institute. Their rugby team won its ninth successive intervarsity clash against the University of the Free State and finished as runners-up in the 2014 Varsity Cup tournament after topping the log.

The Vaal Triangle Campus's rugby team participates in the B Division of the USSA Championships.

Athletics is a popular major sports code on the Potchefstroom Campus, with the men's athletics team winning the USSA tournament, and four athletes of the campus representing South Africa during the IAAF World Indoor Championships in Moscow. The team also secured second place at the Varsity Cup finals.

The Potchefstroom Campus's athletics and **hockey** teams now also participate in the Varsity Cup league that was recently expanded. Both teams finished as runners-up, with the women's hockey team the only unbeaten side during the league stages.

The Vaal Triangle Campus's men's hockey team came third in the USSA B Division.

The women's hockey team also participated in the B Division at the USSA Championships and are the reigning champions of the Southern Gauteng Hockey League.

The Potchefstroom Campus's **cricket** club, boasting 17 teams, is currently the second largest in the country.

The men's cricket team on the Vaal Triangle Campus retained their position in the competitive A League of the USSA Cricket

Tournament and is ranked among the top eight university teams in the country.

One player was selected for the SA Student side that will participate in the annual SA Colt Week.

The cricket club also participates in the North-West Premier League, the Sedibeng Local League and the Gauteng Sunday League.

At the 2013 USSA championships, the Potchefstroom Campus's **netball** team ended third in the Super League Division and reached the Varsity Cup finals.

The Vaal Triangle Campus's netball team finished second in the Premier Section and eighth at the winter USSA games.

Participation in netball increased to such an extent that the campus now participates in the North-West Senior League, the local Vaal Triangle League and the local Action Netball League.

The NWU Puk/Riaan Venter **Tennis** Academy hosted two Junior ITF Tennis Tournaments in 2013, which not only drew players from around the globe, but garnered international acclaim as well.

As one of its strategic priorities, the NWU established a **Soccer** Institute on its Mafikeng Campus in 2007.

The institute came fourth in the Soccer Varsity Cup Competition and fifth in the USSA championships in 2013. They also hosted several games that were televised live.

On the Vaal Triangle Campus, the women's soccer team maintained their status in the Sasol league. They also take part in the USSA Gauteng league and at the USSA tournament. They are currently ranked fourth overall on the USSA log standings.

* The statistics presented in this section have not been audited.

► as a matter of fact...

- > The NWU supports seven major sports codes namely athletics, cricket, hockey, netball, rugby, soccer and tennis, and also offers 30 smaller sports and recreational activities, ranging from competitive chess to rock-climbing, karate and softball.
- > The NWU boasts a Rugby Institute and a Hockey Academy on the Potchefstroom Campus, a Soccer Institute on the Mafikeng Campus, and a Cricket Academy and a Rowing Club on the Vaal Triangle Campus.



our research, innovation and community engagement

To enable the NWU to become a balanced teaching-learning and research university where research finds its rightful place, the university focuses its research and innovation strategy to optimise resources and ensure maximum impact of interventions.

► **research@nwu**

Research at the NWU is organised according to a Research Entities Model.

The underlying principle in the identification and development of research entities is that the university and each campus develop research strengths, taking into account existing and relevant expertise and potential, and the needs of the region and the country, within the framework of the long-term research and innovation strategic plan.

The “entry level” research entity is that of a niche area, followed by a focus area, then a unit and ultimately a centre of excellence. The four levels have specific criteria attached to them, and should show increasing capacity, output, relevance and national and international recognition.

The NWU currently has the following research entities:

Centres of excellence

- > Centre of Excellence for Nutrition (CEN)
- > Centre for Space Research
- > Centre of Excellence for Pharmaceutical Sciences (Pharmacen)

Units

- > Unit for Energy Systems
- > Unit for Reformed Theology and the Development of the South African Society
- > Unit for Business Mathematics and Informatics
- > Unit for Languages and Literature in the

South African Context

- > Unit for Environmental Sciences and Management
- > Unit: Development in the South African Constitutional State
- > Africa Unit for Transdisciplinary Health Research (AUTHeR)
- > WorkWell: Research Unit for Economic and Management Sciences
- > Education and Human Rights in Diversity (Edu-HRights)

Focus areas

- > Chemical Resource Beneficiation
- > Social Transformation
- > Understanding and Processing Language in Complex Settings (UPSET)
- > Hypertension in Africa Research Team (HART)
- > Physical Activity, Sport and Recreation (PhasRec)
- > Tourism Research in Economic Environs and Society (TREES)
- > Enabling Optimal Expression of Individual, Social and Institutional Potential (OPTENTIA)
- > Quality in Nursing and Midwifery (INSINQ)
- > Material Science Innovation and Modelling (MaSIM)
- > Self-Directed Learning (SDL)

Niche areas

- > Medicine Usage in South Africa (MUSA)
- > Population and Health
- > Food Security and Safety in the North-West Province
- > Musical Arts in South Africa: Resources and Applications (MASARA)
- > Trade and Development (TRADE)

- > Multilingual Speech Technologies (MuST)
- > Visual Narratives and Creative Outputs

Hosted entities: Several centres, platforms and institutes are hosted at the NWU, mainly on the Potchefstroom Campus. They are the following:

- > DST/NWU Preclinical Drug Development Platform
- > Centre for Human Metabonomics
- > DST HySA Infrastructure Centre of Competence in hydrogen production, storage, reticulation and safety codes and standards
- > dti Centre of Excellence in Advanced Manufacturing
- > DST Centre of Excellence in Indigenous Knowledge Systems (This one is hosted on the Mafikeng Campus.)

research underpins innovation

On average, the university's academic staff members spend 40% of their time conducting research, which is in line with the Institutional Plan. There has also been a marked increase in the number of NWU researchers with ratings from the National Research Foundation (NRF).

Having submitted applications for NRF rating in 2013, the university now has 172 researchers with NRF ratings:

Researchers with A ratings	3
with B ratings	17
with C ratings	122
with P ratings	2
with L ratings	2
with Y ratings	26

> Building research capacity

To encourage more academic staff to apply for ratings and raise their research output, the NWU is conducting intensive research capacity building for researchers. Training is underway to enhance the research skills of academic staff, with the emphasis on

preparing abstracts and conference papers, article writing and best practices in preparing research questionnaires.

> Postgraduate recruitment

In addition, the university is broadening its pool of research skills by actively recruiting greater numbers of master's and doctoral students. In 2013, a total of 2 871 students were registered for master's and 1 171 for doctoral studies.

> THRIP income

In 2013, the THRIP income paid to the NWU was among the highest of all universities in South Africa. This is indicative of the innovative and relevant research done in close association with industry in the country.

research@mafikeng

The Mafikeng Campus has three NWU research entities, namely Material Science Innovation and Modelling (MaSIM), Food Security and Safety in the North West Province, and Population and Health.

Material Science Innovation and Modelling (MaSIM) aims at becoming a leading research and development centre in the area of materials, metal and nanotechnology initiatives for solving problems across South Africa.

Food Security and Safety in the North West Province contributes to improve food security among the people in the North West Province. Research focuses on livestock production and health, plant food production and agricultural economics and extension.

Population and Health is devoted to the discovery of new knowledge and insights by doing innovative research under two sub-programmes, namely Household health and population change, and Fertility, poverty and HIV/Aids.

In addition, the **Indigenous Knowledge Systems (IKS)** Centre was designated as a

NEPAD/SANBio Regional IKS Node for the southern African region to co-ordinate IKS network activities that are initiated and supported by NEPAD. The centre runs a project on integrating IKS in biosciences, covering five countries in the region for the period 2010 to 2013.

The **Centre of Applied Radiation Science and Technology** (CARST) is authorised by the National Nuclear Regulator of South Africa to carry out activities in the mining sector to improve radiation safety and nuclear wastes minimization and management.

research@potchefstroom

The mission of the Potchefstroom Campus is to become a research-directed campus where excellence in teaching-learning and research are mutually reinforcing. The campus boasts 23 research entities and four hosted centres, together with a number of institutes where all research activities take place. Various laboratories, institutes, clinics and centres provide services and training to the broader community.

The **Research Institute for Industrial Pharmacy** (RIIP), incorporating the Centre for Quality Assurance of Medicines (CENQAM)® provides quality assurance, consulting and training services to the pharmaceutical industry, NGOs and procurement organisations. The facility is designated by the World Health Organisation as a WHO Collaborating Centre for the Quality Assurance of Medicines.

The **Centre for Pharmaceutical and Biomedical Services** delivers pharmaceutical and biomedical services to health care providers and the pharmaceutical and related industries.

The **Cosmetics Efficacy Laboratory** provides claims substantiation services to the cosmetics industry and the **Clinical Pharmacokinetic Laboratory** provides blood level monitoring services of anti-epileptic medicines to patients, hospitals and private medical practices.

Cosmocen, a centre of competence, shares their expertise on skin care and the topical delivery of drugs with the industry by delivering a one-stop service regarding the development and testing of cosmeceutical products.

The **DST/NWU Africa's Preclinical Drug Development Platform** boasts only vivarium with complete environmental control, building management and data capturing systems.

The **Centre for High Performance Computing** stands out for the high quality of its experimental equipment, which is used for computational-intensive research in a wide range of disciplines.

The **Benchmarks Centre for Corporate Social Responsibility** is doing corporate social responsibility (CSR) research and monitors the standards of CSR in companies, especially in the mining sector.

The centre also offers a master's and PhD programme in CSR.

The campus boasts a first of its kind **Hypertension Research and Training Clinic** situated in the Hypertension in Africa Research Team (HART), focusing on high blood pressure development.

The campus also has a **Centre for Water Sciences**. With its multi-disciplinary approach the centre assists both industry and government in solving many of the water-related problems facing our country.

The **Unit for Energy Systems** boasts new top of the range research facilities, including a solar power PV training centre, a fluid extraction laboratory, a biodiesel plant and facilities for the hydrogen initiative, HySA.

> Research chairs

The Department of Science and Technology (DST) awarded the campus five research chairs. They are Coal Research, Early Detection



and Prevention of Cardiovascular Disease in South Africa, Nuclear Energy, Astrophysics and Space Physics, and Biofuels and Other Clean Alternative Fuels as part of the DST/NRF SARCHI Programme.

The Campus has also established four externally funded research chairs in the following areas: ETDP/SETA Chair in Early Childhood Education, a Nutricia Research Foundation Chair in Clinical Nutrition, an Eskom Chair in Emission Control and a Janssen Chair in Nursing Science.

research@vaal

The Vaal Triangle Campus has three NWU research entities, namely Understanding and Processing Language in Complex Settings (UPSET), Enabling Optimal Expression of Individual, Social and Institutional Potential (Optentia) and Multilingual Speech Technology (MUST).

UPSET's vision is to systematically investigate how people understand and process language in complex settings, specifically working in the domains of language practice (translation studies) and multilingualism.

Optentia aims to develop knowledge about how individual, social and institutional potential can be optimally expressed and to make this knowledge available to individuals and decision makers.

MUST focuses on developing the scientific and technological foundations that will make it possible for speech technologies (such as speech recognition and speech synthesis) to have a significant impact in the developing world.

In addition to the above-mentioned research entities, several other potential niche areas were identified. They are the following:

- > Enterprise Knowledge and Systems
- > Local Economic Development (LED)
- > Applied Risk Management (ARM)
- > Poverty and Socio-economic Research (POSER)
- > Generation Y (ProGenY)

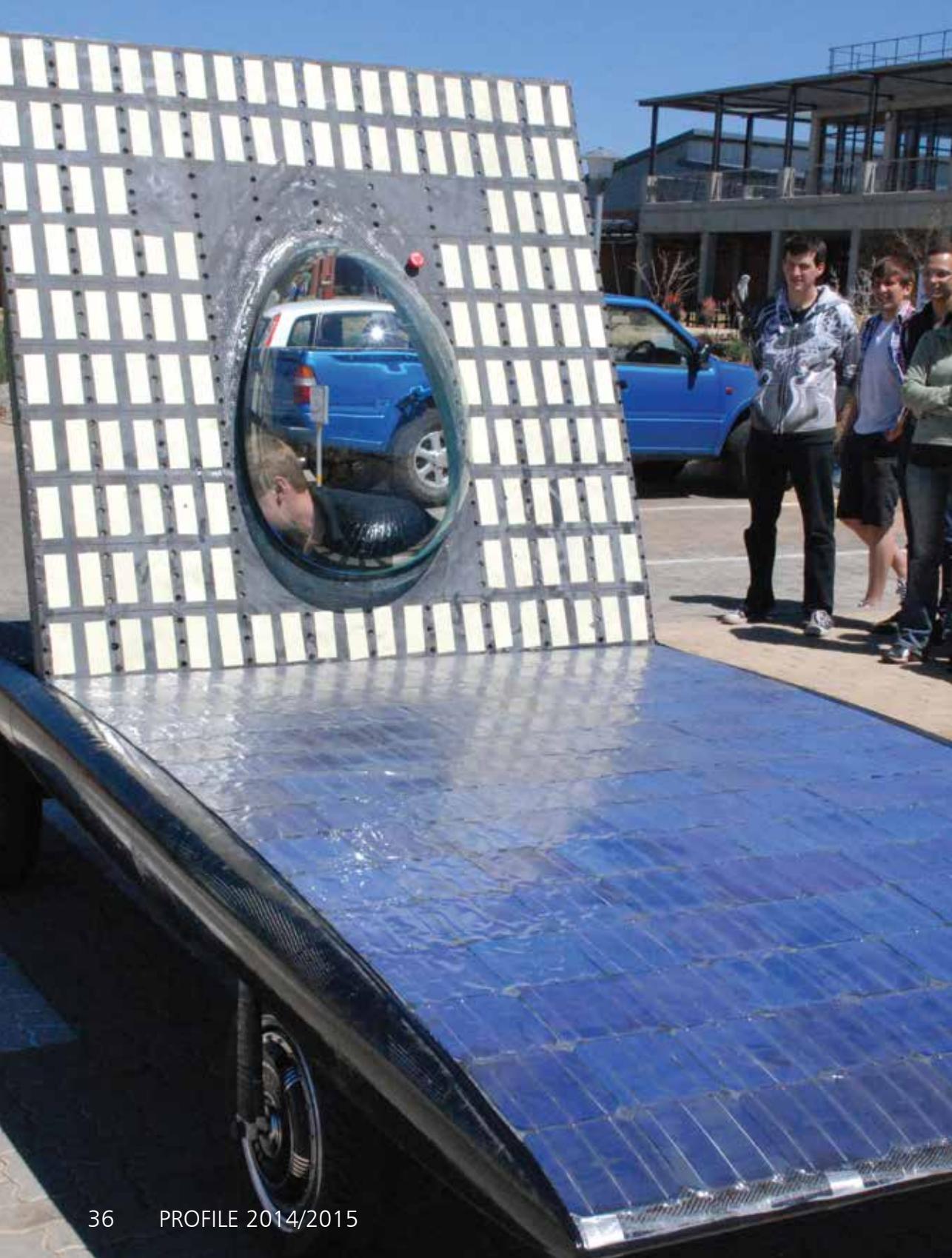
nwu researchers on the forefront

Several NWU researchers are sharing their expertise with the world.

- > The director of the School for **Biokinetics, Recreation and Sport** on the POTCHEFSTROOM CAMPUS is the president of two international organisations, namely the International Society for the Advancement of Kinanthropometry and the Global Forum for Physical Education Pedagogy.
- > An expert from the **Unit for Environmental Sciences and Management** represents Africa on a committee that provides the United Nations Convention to Combat Desertification (UNCCD) with policy-relevant information and advice. He also represents South Africa as Science and Technology Correspondent on the world committee of the UNCCD.
- > A National Research Foundation (NRF) A-rated scientist from the **Centre of Excellence for Pharmaceutical Sciences** (Pharmacen) received more than R8 million from the Medical Research Council for a project about drug combinations for the treatment of diseases such as malaria and tuberculosis.
- > The holder of the SARCHI research chair in the **Hypertension in Africa Research Team** (HART) serves on the executive council of the International Society of Hypertension and on the board of directors of the South African Society of Hypertension.

In addition several NWU researchers recently won national and international awards.

- > An academic from the **Faculty of Commerce and Administration** on the MAFIKENG CAMPUS was recognised as one of the top 49 most talented young leaders in the country after she reached the finals of the DHL Rising Star Awards.



- > Three academic staff members on the same campus received **national awards**. The awards were for Most Influential Woman in Science in South Africa, the HELTASA Outstanding Teaching/Learning Award in South Africa, and the award for International Leadership in Research.
- > A seasoned physicist and NRF A-rated scientist from the **Centre for Space Research** on the POTCHEFSTROOM CAMPUS won an award from the South African Academy for Science and Arts. He is also a member of the South African Space Agency and the Space Science Expert Group.
- > Three researchers from the **Unit for Energy Systems** were recently acknowledged for their expertise. Two received the Best Article Award in 2013 from the South African Institute of Electrical Engineers and the third was nominated as a category finalist for the National Science and Technology Forum-BHP Billiton awards.
- > Two researchers from **WorkWell: Research Unit for Economic and Management Sciences** came second and third respectively in die Department of Science and Technology's Young Women in Science Awards, in the category Human and Social Sciences.
- > The SARCHI research chair holder of the **Hypertension in Africa Research Team** (HART) was chosen as the Academy of Sciences for the Developing World (TWAS) Young Affiliate 2013 by the World Academy of Science and the African Academy of Science for the period 2013 to 2017.

Together with a researcher from **Educational Sciences**, she was also part of the Mail & Guardian's list of top 200 Young South Africans.

- > The SA Academy for Science and Art's FARMOVS Award for Pharmacology and Drug Development was awarded to a researcher from the **Centre of Excellence for Pharmaceutical Sciences**.
- > The Intelligent Freight Security and Visibility System project in the **School of Electrical, Electronic and Computer Engineering** received an award from the Department of Trade and Industry for the best THRIP project in the Advanced High Technology Section.
- > A scientist in the **School of Physical and Chemical Sciences** received the much sought-after De Beers gold medal for his lifelong contribution to physics.
- > The prestigious Education Association of South Africa's (EASA) Research Medal was awarded to a researcher in the **School of Educational Sciences** on the VAAL TRIANGLE CAMPUS.
- > Also on this campus, an academic from the **School of Languages** won the international EST Young Scholar Award 2013 from the European Society for Translation Studies for her book, *Post-colonial Polysystems: The Production and Reception of Translated Children's Literature in South Africa*.

national and international cooperation

The NWU is cooperating with numerous universities and other entities in South Africa and abroad. Here are only a few examples of how the university implements its expertise for the benefit of the country, the continent and ultimately the world:

- > The dean of the **Faculty of Law** on the MAFIKENG CAMPUS serves as a member of the Technical Committee of Experts drafting the Zambian Constitution. Joined by a colleague, he is also involved with the South African Law Reform Commission.

- > The **Psychology Department** signed agreements with several health service providers in the North West Province, including the Bophelong hospital, Sterkfontein psychiatric hospital, and a military hospital.
- > Academics from the **Faculty of Commerce and Administration** visited the Polytechnic of Namibia to work on a collaborative research project with the Centres of Open and Lifelong Learning and Cooperative Education. The goal is to add value in the field of human resource development.
- > **Nuclear Engineering** on the POTCHEFSTROOM CAMPUS entered into research agreements with Texas A&M University in the USA and with the Korean Atomic Energy Research Institute.

In addition, a new research group in thorium nuclear fuels has established cooperation agreements with Texas A&M University and ESKOM for the training of students in nuclear fuel technology.
- > The British Pharmacopoeia Commission appointed a researcher as member of the Expert Advisory Group MC2 (Medicinal Chemicals) to advise them.

This researcher is associated with the **Research Institute for Industrial Pharmacy** (RIIP), incorporating the Centre for Quality Assurance of Medicines (CENQAM)®.
- > The **Centre of Excellence for Nutrition** (CEN) on the Potchefstroom Campus was awarded a project contract of R1 500 000 by the United Nations Children's Fund.

This project entails a survey of compliance to the World Health Organisation's Code for the marketing of breast milk substitutes in four provinces in South Africa.
- > CEN is also a research partner in the recently awarded DST/NRF Centre of Excellence for Food Security which is led by the University of the Western Cape and the University of Pretoria.

CEN has also recently established the first externally funded research chair in Clinical Nutrition in Africa.
- > The **Centre for Business Mathematics and Informatics** received R4,8 million over a period of three years from the Department of Science and Technology to support research in the field of financial risk analysis.
- > Researchers in the **Unit for Environmental Sciences and Management** received R4,2 million from the Flemish Government (Belgium) for a project about the sustainable utilisation and management of aquatic resources in South Africa and Africa.
- > The **DST/NWU Preclinical Drug Development Platform** is party to the Swiss/South African bilateral agreement in health and the India/Brazil/South African agreement in nanoscience.
- > The **Serious Games Institute – South Africa** on the VAAL TRIANGLE CAMPUS is partnering with the European Union on the development of a Mandela 27 Years Project to promote intercultural dialogue in a medium young people are most familiar with.
- > International collaborative research conducted by the Flemish Interuniversity Council and **Optentia** focuses on the experience of unemployment in South Africa and the development of an intervention to aid unemployed individuals.
- > The research niche area, **MUST**, is collaborating in research initiatives for industry giants such as Google.
- > The research director of **UPSET** was invited to join the National Research Foundation task team for Considerable International Recognitions.

research output

2010	2011	2012	2013
Total weighted research output units*			
1 318	1 483	1 793	2 237
NRF-rated researchers			
117	125	140	169

* Includes research master's, PhDs times three and publications (including an estimation of books, conference proceedings and articles)

income through innovation

Apart from gaining national and international recognition, the NWU's innovativeness is generating alternative sources of income. Patents and income from product sales generate around R3 million a year.

> Spin-off companies

The NWU uses the formation of innovative small and medium sized spin-off companies as part of its commercialisation strategy and holds equity in some of these.

Since the merger in 2004, the total technology spin-offs increased from 15 to 17 in 2013, of which 10 were still active at the time.

> Setting new standards

As there is no South African precedent that provides appropriate benchmarks for the NWU's innovation drive, the university is developing its own targets based on experience.

Benchmarks include the number of patents registered in South Africa and abroad, the number of new licence agreements, the income from royalties and product sales, and the number of new spin-off companies, NWU subsidiaries and associated companies.

► community engagement

The NWU regards the implementation of expertise as an extension of the core business of the university, with community development being part of it. With this in mind, the university enables or creates the opportunities for its students and staff to implement their expertise in communities through various projects.

Some of the implementation of expertise activities such as short courses, consultation, service rendering, and technology transfer generate **third stream income**.

However, the NWU has also been involved in many community engagement activities, which are typically **not for profit**. These activities are performed by university staff and students to uplift, engage and develop the community.

They range from developmental engagement to community service projects and providing expertise on a voluntary basis to various bodies.

projects

Through the NWU's numerous community engagement projects we implement our expertise in an innovative manner to achieve sustainable improvement for society. Here are a few examples of these projects:

> Creating jobs

One of our flagship projects is Mosaic Community Developments, a project in Ikageng outside Potchefstroom. The main aim of this non-profit organisation is to create jobs for the foster parents taking part in its programme for orphan care affected by HIV/Aids.

In addition to building houses, beneficiaries of the project make various products that they sell in South Africa or export overseas. The

project also provides pre-school and after-school recreation facilities for orphans.

> Preparing learners

The Ikateleng programme is aimed at preparing promising grade 12 learners for their matriculation examinations and the challenges of university life. This project is presented at eight centres in four provinces, mainly in areas surrounding the three campuses. In 2013, the average pass rate at the various centres was 94%, with a total of 326 distinctions obtained.

Another ongoing project aimed at learners is the Winter School on the Mafikeng Campus, where staff and students also offer supplementary teaching.

> Partnering with schools

The Partnerships for Hope-initiative, in collaboration with the North West Department of Education and the Kenneth Kaunda district, supports education and teachers in various ways. These include training for teachers, office-based staff and education leaders.

> Preparing students

The Engineering Faculty runs four projects designed to help increase the number and readiness of students enrolled for science, engineering and technology studies at universities. These are the SETH Academy, Engenius Kids programme, The FabLab and the Cadet Programme.

> Caring for children

The Siyakhulisa Early Childhood Education community engagement project assists early childhood education practitioners in some Vaal Triangle townships to run their centres more effectively. The project has already reached about 300 township practitioners and more than 16 000 pre-schoolers.

> Teaching music

The Musikhane community project made its debut in 1994, teaching music to talented young musicians. The project offers them opportunities to take music examinations, join ensembles or youth orchestras and progress to university-level music studies.

> Promoting multilingual learning

The NWU's multilingual reading project and the Language Directorate's interpreting projects make multilingual learning possible by enabling young people to learn in their own mother tongue.

> Supplying water

Through the Madibogo project on the Mafikeng Campus, a water purification system based on nanotechnology produces up to 10 000 litres of purified water a day.

This makes a significant difference to the lives of 1 000 learners and teachers at Batlhaping Primary School who previously only had access to untreated, contaminated ground water in the village of Madibogo in the North-West province.

> Uplifting communities

The Africa Unit for Transdisciplinary Health Research (AUTHeR) on the Potchefstroom Campus has established the Farm Labour and General Health programme (FLAGH) and the highly successful Holding Hands community engagement project.

These programmes respectively teach farm women good eating habits and how to generate income by doing sewing and making glass objects. The original group of seven seamstresses earn between R1 200 and R6 000 each a month through orders for their products from customers across the country and has recently started exporting to Belgium.

> Throwing a lifeline

The Potchefstroom Laboratory for Inborn Errors of Metabolism (**PLIEM**) has been a lifeline for hundreds of children born with inborn errors of metabolism. It provides the initial diagnostic service at a market-related price but, once a child is diagnosed with a metabolic defect, it conducts all subsequent tests at no cost for the rest of the patient's life.

> Training future stars

Through its community engagement activities, the Soccer Institute in Mafikeng has trained more than 2 000 children from disadvantaged communities and enabled 300 teachers to become coaches, referees and managers.

> Providing legal services

The Community Law Centre on the Mafikeng Campus and the Law Clinic on the Potchefstroom Campus provide practical legal training to final-year LLB students and candidate attorneys.

They also provide free legal services to those who cannot afford legal counsel. Other services include capacity building programmes and advocacy programmes on community radio stations. A unit for children's rights has also been established.

> Looking after animals

The Animal Health Centre on the Mafikeng Campus provides primary animal health care services to those who cannot afford veterinarian services. The centre also runs a project aimed at empowering livestock farmers with knowledge of livestock husbandry and animal health care.

> Improving psychological health

The Ipelegeng Child and Family Centre, also on the Mafikeng Campus, provides psychological consultation to members of the community. Psychology students also provide

consultation to cancer patients and their families.

> Facilitating well-being

On the Vaal Triangle Campus, the Father a Nation project conducts research and assists with the training of future researchers and community psychologists. Ultimately, the programme aims to facilitate community well-being.

> Supporting communities

participants from the School of Basic Sciences on the Vaal Triangle Campus conducted research to discover mechanism to create liveable and sustainable communities in the Emfuleni Local Municipality.

> Promoting multilingualism

A variety of community initiatives underpin the spirit of the university's functional multilingualism policy.

Examples of the community engagement initiatives launched by the NWU's Language Directorate include interpreting services in two schools as well as a trilingual reading project in five primary schools, co-funded by the Rotary Club of Orkney.

Other initiatives include the short courses for translators and specialised translation (subtitling) presented by members of the Vaal Triangle Campus' School of Languages.

SA Sign Language has also been introduced from 2011 as a language subject in the School of Languages on the Potchefstroom Campus. In addition the Language Directorate is also involved in the training of Sign Language interpreters serving the Deaf community by means of joint Institutional Office and Deaf Federation SA short courses.

> Combating HIV/Aids

Considering the huge impact that the HIV/Aids pandemic has on South Africa, the

university views combating HIV/Aids as a priority.

Students on all three campuses are actively involved in HIV/Aids awareness among communities. Their activities range from holding counselling workshops to arranging events such as anti-discrimination marches, candle weeks and condom weeks.

In addition, an academic of the NWU is also bringing home the message that there is hope in the battle against HIV/Aids. By translating *God's answer to Aids* into Setswana he has reached more than 40 000 people in South Africa and Botswana with this message since 2002.

> Involving students

An important part of student life at the NWU is the opportunity to contribute to society through volunteerism.

The money raised during the annual Rag and other projects is distributed to community-based charities or to NWU academic staff involved in community projects.

The Potchefstroom Campus has been the biggest registered student welfare organisation in the world since 2006 and received the international 2012 MacJannet prize from the Talloires Network for their good work and global citizenship. In 2013, they donated about R1,4 million to deserving projects and individuals.

In addition, the campuses hold fund-raising events such as golf and jazz days and cycling events to ensure that needy students eat two balanced meals every day.

Students also do voluntary community service at local children's homes, shelters for the homeless, old age homes and the SPCA.



Yunibesiti ya Rona

Ka 1 Ferikgong 2004 Yunibesiti ya Bokone-Bophirima (YBB) e ne ya simolola semmuso go nna karolo ya leano le le atologileng la go fetola thuto e e kwa godimo, ka boikaelelo jwa go dirisa madi ka tshomarelo le go baakanya bothata jwa nako e e fetileng jwa go sa dirweng ga dilo ka go tshwana.

YBB ke setheo sa dikhamphase tse di farologaneng tse di dirang jaaka khamphase e le nngwe fela tse di leng mo diporofenseng tse pedi. Dikhamphase tseno ke khamphase ya Potchefstroom le ya Mafikeng kwa Bokone Bophirima le Khamphase ya Khutlotharo ya Lekwa kwa Gauteng. Ofisi ya Setheo (ofisi-kgolo) e kwa Potchefstroom gaufi thata le Khamphase ya Potchefstroom.

Mo dingwageng di le mmalwa tse di fetileng, YBB e ile ya akgolwa ke ditlamo tse di kwantle ka ntlha ya boeteledipele jwa yone mo ditirong tse di farologaneng.

Leinatshwao la kgwebo la Yunibesiti ya Bokone-Bophirima le na le dikarolo tse pedi, e leng letshwao la kerafo kgotsa letshwaoina – “dikeetane” tse di gokaganang le lefshwaofoko, leina la setheo – Yunibesiti ya Bokone-Bophirima.

“Dikeetane” tse tharo tse di gokaganang di tshwantshetsa kutlwano ya Yunibesiti ya Bokone-Bophirima mme mebala e meraro e tshwantshetsa dipharologano tsa methalethale tsa dikhampase tse tharo.

Kwa Yunibesiting ya Bokone-Bophirima, go kopana ga ditalente tse di tlhomologileng, bokgoni le ditshwanelego tsa baithuti le badiri ba rona ba ditso tse di farologaneng go dira gore gantsi re nne le dikopolo tse diša tsa go dira dilo.

Moano wa rona, Mokgwa o moša wa go dira dilo ka dipharologano, o gatelela ntlha eno.

E bontsha maikemisetso a Yunibesiti a go rata le go amogela ditso tse di farologaneng le go dirisa dipharologano tseno go gagamalela kitso le mekgwa e meša ya go dira dilo, go letla baithuti le badiri ba rona go nna se ba batlang go nna sone le go godisa moyo wa rona wa mekgwa e meša ya go dira dilo.

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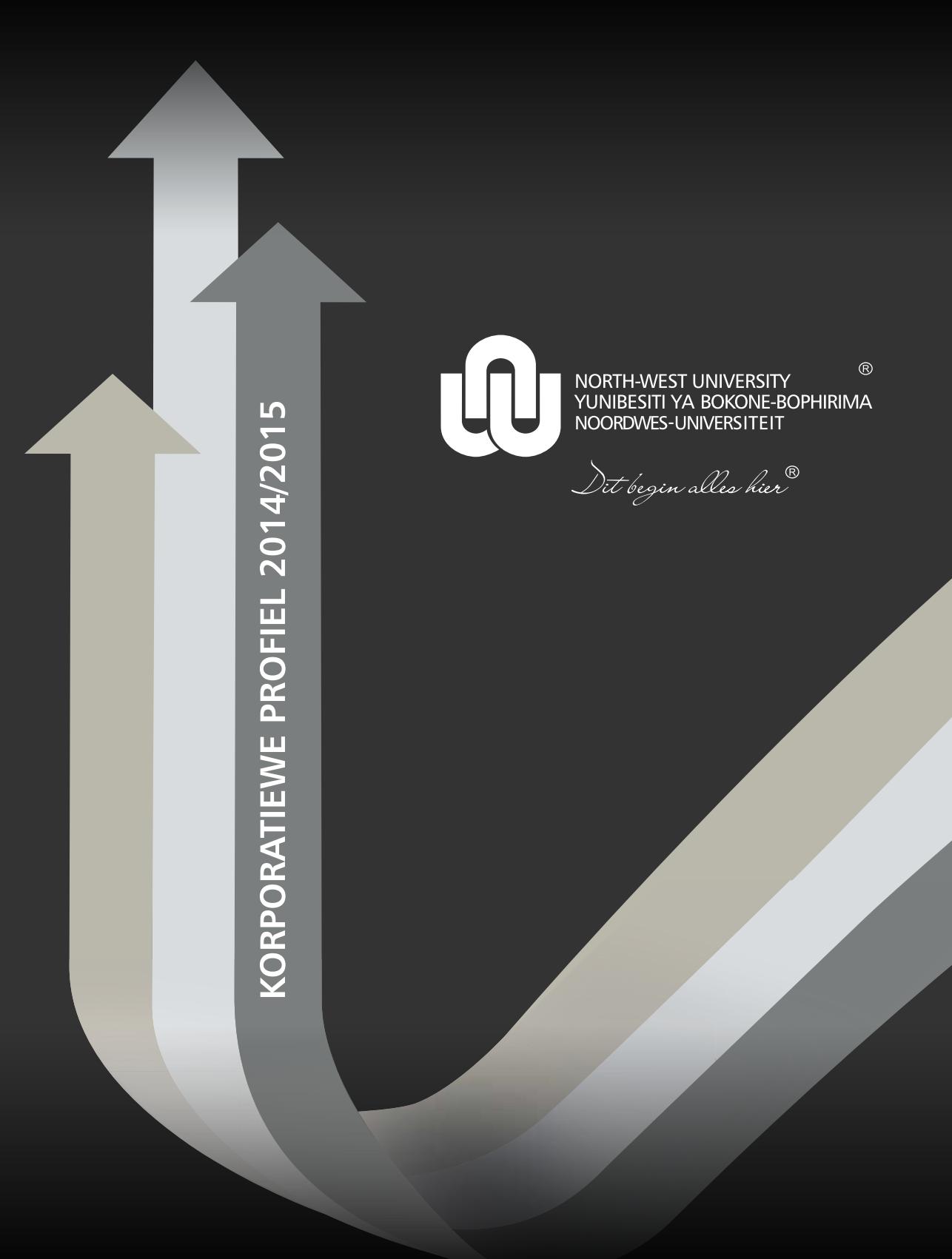
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KORPORATIEWE PROFIEL 2014/2015



NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT[®]

Dit begin alles hier[®]

visie

Die visie van die NWU is om 'n toonaangewende universiteit in Afrika te wees, gedryf deur die strewe na kennis en innovasie.

missie

Die NWU se missie is om 'n gebalanseerde onderrig-leer- en navorsingsuniversiteit te word, en om ons kundigheid op 'n innoverende manier te implementeer. Ons sal dit bereik deur ons waardes uit te leef en na gesonde bestuur en transformasie te streef, en deur plaaslik betrokke, nasionaal relevant en internasionaal erken te wees.

strategie

Die NWU se strategie ter ondersteuning van sy missie is om die kwaliteit en kwantiteit van navorsing te verhoog wat betref kampusnisareas, toepaslike aansporings en kapasiteitsbou en -ontwikkeling, en terselfdertyd die gehalte van onderrig en leer uit te bou deur 'n verbeterde kliëntefokus, e-leer, innovasie en diversiteit. Dus:

- ▶ Die Mafikengkampus sal 'n gebalanseerde onderrig- leer- en navorsingskampus word, met 'n sterk fokus op die uitbreiding van toegang in wetenskap, ingenieurswese en tegnologie, en die verdere ontwikkeling van unieke programme m.b.t. landelike ontwikkeling.
- ▶ Die Potchefstroomkampus is besig om geherposisioneer te word om 'n navorsingsgerigte kampus te word waar uitnemendheid in onderrig-leer en navorsing mekaar wedersyds ondersteun.
- ▶ Die Vaaldriehoekkampus sal 'n gehaltegedrewe streekskampus van goeie naam wees, met relevante en uitgebreide akademiese aanbiedings wat aan plaaslike en nasionale behoeftes sal voldoen en by internasionale standarde sal hou.

The mission has five distinct elements. For more information, see p 61 to p 67, as included in the Institutional Plan.



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► die groter prentjie

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openbare hoërondewysinstellings in SA

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UNIVERSITEITE VAN
TEGNOLOGIE

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OPENBARE
UNIVERSITEITE

Noordwes-Universiteit (NWU)
een van die konvensionele universiteite in SA

Hoërondewys Suid-Afrika
("HESA")
beheerliggaam vir SA se
hoërondewysinstellings

► ons bestuursmodel

'n nuwe instelling

Die NWU het amptelik op 1 Januarie 2004 tot stand gekom, as deel van die transformasie van die hoëronderwyslandskap.

tweevlak-bestuursmodel

Institutionele Kantoor
Drie kampusse

kampusse

Mafikengkampus
Potchefstroomkampus
Vaaldriehoekkampus

fakulteite: mafikeng

Landbou, Wetenskap en Tegnologie
Handel en Administrasie
Onderwys en Opleiding
Geestes- en Sosiale Wetenskappe
Regte

fakulteite: potchefstroom

Lettere en Wysbegeerte
Natuurwetenskappe
Teologie
Opvoedingswetenskappe
Ekonomiese en Bestuurswetenskappe
Regte
Ingenieurswese
Gesondheidswetenskappe

fakulteite: vaaldriehoek

Geesteswetenskappe
Ekonomiese Wetenskappe en
Inligtingstegnologie

Die NWU se reis het 'n dekade gelede begin. Sedertdien het ons prestasies indrukwekkend toegeneem. Hier is die bewyse:

telbord vir onderrig-leer

ingeskrewe studente

2004 ► 2013
40 145 60 975

PhD's toegeken

2004 ► 2013
87 168
= 93,1 % groei

kwalifikasies toegeken

2004 ► 2013
9 657 15 464
= 60,1% groei

voorgraadse slaagsyfer

2004 ► 2013
75,20% 85,1%

telbord vir navorsing

geweegde navorsings-
uitseteenhede neem toe
vanaf 789 in 2004 tot
2 237 in 2013
= 183,5% groei

postdoktorale genote
2004 ► 2013
9 140

totale inkomste 2013
R2 972,5 miljoen

NNS-gegradeerde navorsers

2004 ► 2013
73 169
= 131,5 % groei

► slagspreuk

- Dit begin alles hier
- It all starts here
- Gotlhe go simologa fano

Bemagtigingstatus

Swart uitvoerende direkteure	40%
Vroulike uitvoerende direkteure	20%
Swart personeel (% van totale personeel)	35%
Vroulike personeel (% van totale personeel)	57%

Rassesamestelling van kontakstudente in 2014

Asiërs	Wit	Bruin	Swart	Totaal
420	16 763	1 163	18 122	36 468
1%	46%	3%	50%	

Geslagsamestelling van kontakstudente in 2014

Manlik	Vroulik	Totaal
15 075	21 393	36 468

Ras- en geslagsamestelling van permanente personeel in 2014

Vroulik

Asiërs	Wit	Bruin	Swart	Totaal
20	1 365	98	527	2 010

Manlik

Asiërs	Wit	Bruin	Swart	Totaal
17	857	70	581	1 525

die gees van die noordwes-universiteit

Die gees van die Noordwes-Universiteit word weerspieël in die manier waarop ons die toekoms vir mense ontsluit en hulle in staat stel om hul drome waar te maak.

Hierdie gees loop dwarsdeur al ons aktiwiteite en werksaamhede, van ons navorsing tot ons akademie, bestuursmodel, kampusstruktur, studentekorps, gemeenskapsverbintenis en sportprestasies. Die "sleutels" wat die universiteit gebruik om die toekoms vir sy belanghebbers te ontsluit, is onder meer die volgende:

► unieke programme

Die NWU is die enigste universiteit wat 'n meestersgraad in kerningenieurswese aanbied (op sy Potchefstroomkampus), en ook 'n meestersgraad in toegepaste positiewe sielkunde (op sy Vaaldriehoekkampus).

Om toegang tot tersiêre onderwys te verhoog, het die Vaaldriehoekkampus ses nuwe verlengde graadprogramme in 2013 bekendgestel. Hulle is in bemarkingsbestuur, finansiële rekeningkunde, internasionale handel, data-ontginning en finansiële wiskunde.

Daarby bied die Mafikengkampus die enigste BScAgric (Dieregesondheid)-program in Suid-Afrika aan wat vir registrasie deur die Suid-Afrikaanse Veeartsenykundige Raad erken word.

Dié kampus het ook in 2013 die eerste Suid-Afrikaanse Kwalifikasie-owerheid-geakkrediteerde multidissiplinêre IKS-onderrigprogram van stapel gestuur.

Die Sentrum vir Bedryfswiskunde en Informatika op die Potchefstroomkampus bied ook 'n nuwe meestersgraadprogram in gevorderde besigheidsanalise aan, wat parallel met die program in kwantitatiewe risikobestuur loop.

► topnavorsingsentrite

Ingevolge die NWU se navorsingsentrite-model spog die universiteit met drie sentrums van uitnemendheid, naamlik die Sentrum van Uitnemendheid vir Voeding (SUV), die Sentrum vir Ruimtenavorsing en die Sentrum van Uitnemendheid vir Farmaseutiese Wetenskappe (Pharmacen). Al drie is op die Potchefstroomkampus geleë.

► entrepreneurskap-opleiding

Akademiese programme in entrepreneurskap is ingesluit in die BCom-graad in entrepreneurskap en sakebestuur en in die MBA-kwalifikasie. BCom Entrepreneurskap en Sakebestuur-, BSc Verbruikerswetenskappe- en BSc IT-studente doen ook 'n module oor probleemoplossing in die sakeomgewing.

Daarby het die bhive Ondernemingsontwikkelingsentrum op die Vaaldriehoekkampus sy Ondernemende Vroue-program in 2013 van stapel gestuur om vroulike entrepreneurs te help om hul doelwitte te bereik en hul sakedrome waar te maak.

► fokus op internasionalisering

Aangesien globalisering 'n verskynsel van die moderne era is, fokus die NWU op internasionalisering deur sy Internasionale Kantoer. Hierdie kantoor koördineer en fasiliteer die internasionaliseringspogings van die universiteit, soos uitruilprogramme vir studente en personeel, en kontrakte met betrekking tot akademiese, kulturele, navorsings- en sportaangeleenthede.

► tantième

Patente en inkomste uit produkverkope genereer ongeveer R3 miljoen per jaar aan tantièmes, lisensie-inkomste en produkverkope. Die NWU hou 14 patente in die VSA.

► uitnemendheid op sportgebied

Die NWU spog met 'n Rugbyinstituut en 'n Hokkie-akademie op die Potchefstroom-kampus, 'n Sokkerinstituut op die Mafikeng-kampus, en 'n Kanoklub op die Vaaldriehoek-kampus.

Verskeie sportspanne van ons drie kampusse is as Universiteitsport Suid-Afrika-kampioene gekroon in 2013.

Die Potchefstroomkampus se karatespan het vir die 14de agtereenvolgende jaar met die louere weggestap, terwyl die pluimbal- en muurbalspanne ook as kampioene gekroon is, tesame met die mansatletiekspan.

sportdorp

'n Vierster-sportdorp (bekend as die Sports Village) op die Potchefstroomkampus bied akkommodasie aan sportspanne wat by die universiteit oefen. Die Spaanse sokkerspan was die eerstes wat van die kompleks gebruik gemaak het toe hulle daar tuisgegaan het tydens die FIFA-wêreldbeker in 2010.

top-oefenbestemming

In 2013 was die universiteit die voorkeur-oefenbestemming vir atlete vanaf lande soos Argentinië, Mexiko, Suid-Korea, Japan, Rusland, Katar, Spanje, Italië, Hongarye,

België, Switserland, Swede en Frankryk. Hierdie sportmanne en -vroue maak gebruik van die eersteklasfasiliteite by die ENB-Hoëprestasie-instituut vir Sport ("HPI") vir voorbereiding en oefening.

Die instituut se fasiliteite en dienste sluit in die bes toegeruste sportgimnasium in Afrika en 'n volledige reeks sportafrigting-, geneeskunde-, navorsings-, voedings- en sielkundige dienste.

In 2013 het verskeie hoëprofielsportspanne die instituut besoek, onder meer Engeland se nasionale rugbyligaspan, seniorkrieketboulers, o. 17- en o. 19-krieketspanne en Leeds Universiteit se krieketspan. Verskeie ander internasionale spanne en atlete het die HPI as hul oefenbasiskamp gebruik, insluitende Sri Lanka se nasionale vrouekrieketspan, die Maleisiese nasionale hokkiespan, en die Pumas-rugbyspan.

Suid-Afrikaanse spanne wat van die HPI se fasiliteite gebruik gemaak het, sluit in die Proteas (mans sowel as vroue), die nasionale netbalspan, verskeie franchise-krieketspanne, die Kaizer Chiefs-sokkerspan, SA Colts Krieket, en die Bonitas-marathonspan.

sentrum van spesialisasie

Die Instituut vir Sportwetenskap en -ontwikkeling (ISWO) lewer spesifieke ondersteuningsdienste aan nasionale en provinsiale sportfederasies, die Noordwes-Akademie vir Sport, verskeie sportsoorte op die Potchefstroomkampus (byvoorbeeld die Rugbyinstituut en Hokkieakademie) en die Sokkerinstituut op die Mafikengkampus.

Die instituut is reeds die afgelope tien jaar lank lid van die Internasionale Vereniging van Hoëprestasiesportafrigtingsentrum.

ons universiteit

Die Noordwes-Universiteit (NWU) het ampelik op 1 Januarie 2004 tot stand gekom.

Die instellings wat saamgesmelt het om die NWU tot stand te bring, was die Potchefstroomse Universiteit vir Christelike Hoër Onderwys en die Universiteit van Noordwes. Die personeel en studente van die Sebokengkampus van die Vista-Universiteit is ook by die nuwe instelling ingelyf.

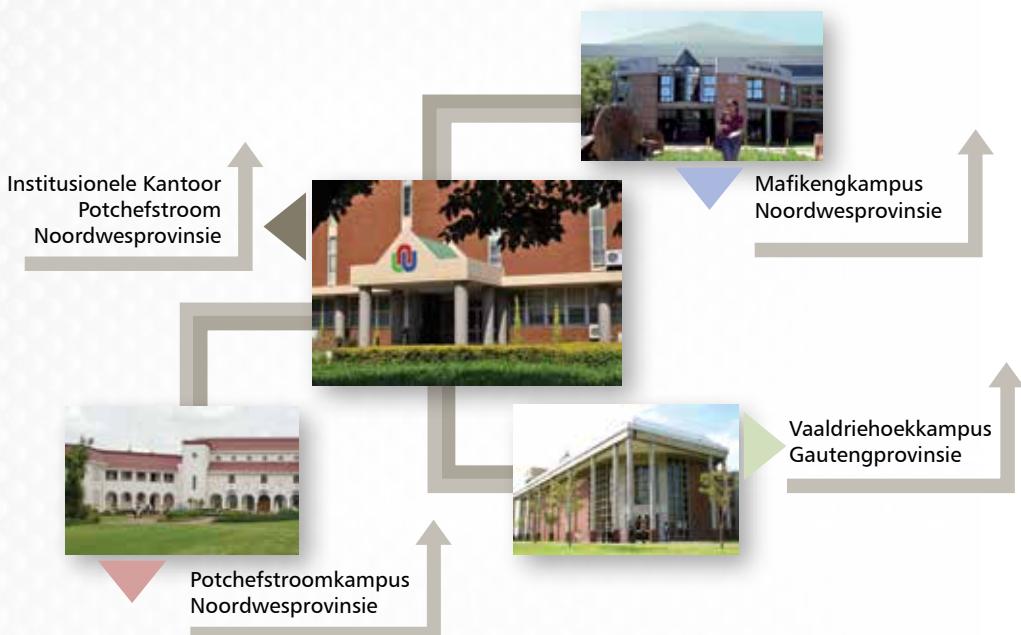
Die NWU is 'n unitêre multikampus-instelling met kampusse in twee provinsies. Die Potchefstroom- en Mafikengkampus is in Noordwes en die Vaaldriehoekkampus in Gauteng. Die Institusionele Kantoor (hoofkantoor) is in Potchefstroom, naby die Potchefstroomkampus, geleë.

Elke kampus het sy eie unieke kenmerke. Die **Mafikengkampus** is in die hoofstad van die Noordwesprovinsie geleë en spog met 'n internasionale atmosfeer, met 559 internasionale studente uit 28 verskillende

lande wat daar ingeskryf was in 2013.

Die **Potchefstroomkampus**, die grootste en oudste NWU-kampus, is in die historiese universiteitsdorp Potchefstroom geleë. Alhoewel die meerderheid voltydse voorgraadse klasse in Afrikaans aangebied word, is verskeie maatreëls in plek om toegang en sukses te bevorder, byvoorbeeld opvoedkundige tolkdienste na Engels in sekere nisprogramme.

Die **Vaaldriehoekkampus** met sy uiteenlopende bevolkingsamestelling is in 'n unieke omgewing geleë, naamlik op die oewer van die Vaalrivier in 'n verklaarde natuurreservaat, met 'n verskeidenheid wildspesies wat op die kampusgronde rondloop. Die kampus streef daarna om niks minder as uitnemendheid in al sy aktiwiteite te behaal nie, en as 'n streeksbate in die Gautengprovinsie tree dit op as 'n katalisator vir groei en ontwikkeling.



ons handelsmerkidentiteit

Die Noordwes-Universiteit se visuele identiteit behels konsekwente gebruik van die logo, korporatiewe kleure, stylgidse, visuele taal en konsepte soos goedgekeur deur die Institusionele Komitee vir Handelsmerkvestiging, Bemarking, Kommunikasie en Bevordering. Hierdie riglyne word uiteengesit in die Korporatiewe Identiteit-handleiding. Ons het ook 'n handelsmerkbeleid oor prosesse en reëls wat gevolg moet word met betrekking tot bemarkings- en kommunikasiemateriaal wat daar toe bydra om die NWU te posisioneer.

ons logo

Die kettingskakels simboliseer die eenheid van die saamgesmelte Noordwes-Universiteit en die drie kleure weerspieël die lewenskragtige kampusse. Ter viering van die tiende bestaansjaar in 2014 is 'n spesiale logo ontwerp en regoor die universiteit gebruik.



► ons bestuurspanne

As gevolg van die geografiese verspreiding van ons kampusse het die NWU 'n tweevlak-bestuursmodel aanvaar om by ons werksaamhede te pas.

Hierdie model bestaan uit 'n institusionele vlak as kern, wat universiteitswye konsekwendheid met betrekking tot beleid, stelsels en procedure verseker, en die drie kampusse wat as gedesentraliseerde en gekoördineerde sakeenhede funksioneer.

Prof Dan Kgwadi, die visekanselier, is die NWU se hoof- uitvoerende en rekenpligtige beampete, wat vir die instelling se algehele prestasie aan die NWU-raad verantwoording moet doen.

Prof Martin Oosthuizen is die adjunk-visekanselier vir onderrig-leer en prof Frikkie van Niekerk is die adjunkvisekanselier vir navorsing, innovasie en tegnologie.

Prof Mashudu Davhana-Maselesele is die rektor van die Mafikengkampus,

prof Herman van Schalkwyk die rektor van die Potchefstroomkampus en prof Thanyani Mariba die rektor van die Vaaldriehoekkampus.

Kampusrektore is die uitvoerende hoofde van die onderskeie kampusse en is verantwoordelik vir die strategiese, funksionele en bedryfs-bestuur van elke kampus.

Behalwe die institusionele registrateur, prof Marlene Verhoef, is daar drie uitvoerende direkteurs.

Hulle is prof Johan Rost (uitvoerende direkteur vir finansies en fasiliteite), me Phumzile Mmope (uitvoerende direkteur vir institusionele bevordering) en mnr Victor Mothobi (uitvoerende direkteur vir mensekapitaal).



Die lede van die institusionele bestuur is agter, van links na regs, me Phumzile Mmope, prof Johan Rost, prof Thanyani Mariba, prof Herman van Schalkwyk, mnr Victor Mothobi en prof Mashudu Davhana-Maselesele. Voor is prof Martin Oosthuizen, prof Marlene Verhoef, prof Dan Kgwadi (visekanselier), en prof Frikkie van Niekerk.

bestuurspan: mafikengkampus

Prof Mashudu Davhana-Maselesele, rektor van die Mafikengkampus, staan aan die hoof van 'n diverse en gefokusde kampusbestuurspan. Sy word ondersteun deur 'n viserektor vir onderrig-leer en kwaliteitsverzekering, prof Lumkile Lalendle, die dekane van die onderskeie fakulteite, 'n kampusregister en direkteure van ondersteuningsdepartemente.



Prof Mashudu
Davhana-
Maselesele
Kampusrektor



Prof Lumkile
Lalendle
Viserektor:
Onderrig-Leer
en Kwaliteits-
verzekering



Vakant
Viserektor:
Navorsing



Prof Eno Ebno
Dekaan: Fakulteit
Landbou,
Wetenskap en
Tegnologie



Prof Sonia
Swanepoel
Dekaan: Fakulteit
Handel en
Administrasie



Prof Dawid
Gericke
Dekaan: Fakulteit
Onderwys en
Opleiding



Prof Petrus Botha
Dekaan: Fakulteit
Geestes- en
Sosiale
Wetenskappe



Prof Melvin Mbao
Dekaan: Fakulteit
Regte



Mnr Frank
Madimetja
Nkoana
Kampus-
registrateur



Prof Sevid
Mashego
Direkteur: Spesiale
Projekte



Mnr Etienne
Mostert
Direkteur:
Finansies



Mnr Koos
Degenaar
Direkteur:
Bemarking en
Kommunikasie



Mnr Lester
Mpolokeng
Uitvoerende
Bestuurder:
Kantoor van die
rektor



Dr Karabo Mabe
Studentedekaan

bestuurspan: potchefstroomkampus

Gesteun deur die kundigheid van sy kampusbestuurspan gee prof Herman van Schalkwyk die pas aan op die Potchefstroomkampus. Hy word bygestaan deur drie viserektore, prof Mariëtte Lowes (viserektor vir onderrig-leer), prof Rantao Letšosa (aangewese viserektor vir onderrig-leer) en prof Amanda Lourens (viserektor vir navorsing en beplanning), die dekane van die onderskeie faculteite, 'n kampusregister en verskeie direkteure van ondersteuningsdepartemente.



Prof Herman van
Schalkwyk
Kampusrektor



Prof Mariëtte
Lowes
Viserektor:
Onderrig-Leer



Prof Rantao
Letšosa
Viserektor:
Onderrig-Leer
(Aangewese)



Prof Amanda
Lourens
Viserektor:
Navorsing en
Beplanning



Mnri Frans
du Preez
Kampus-
registratleur



Mnri Bobo van der
Westhuizen
Hoofdirekteur:
Finansies en
Fasilitate



Mnri Theo Cloete
Direkteur:
Bemarking en
Kommunikasie



Prof Rikus Fick
Studentedekaan



Prof Jan
Swanepoel
Dekaan: Fakulteit
Lettere en
Wysbegeerte



Prof Kobus Pienaar
Dekaan: Fakulteit
Natuurwetenskappe



Prof Fika Janse
van Rensburg
Dekaan: Fakulteit
Teologie



Prof Nicola Smit
Dekaan: Fakulteit
Regte



Prof Susan Visser
Dekaan: Fakulteit
Ekonomiese
en Bestuurs-
wetenskappe



Prof U Grobler
Dekaan: Fakulteit
Ingenieurswese



Prof Awie Kotzé
Dekaan: Fakulteit
Gesondheids-
wetenskappe



Prof Robert
Balfour
Dekaan: Fakulteit
Opvoedings-
wetenskappe



Prof Manie
Spamer
Uitvoerende
Direkteur:
Eenheid vir Oop
Afstandsleer

bestuurspan: vaaldriehoekkampus

Prof Thanyani Mariba is die rektor van die Vaaldriehoekkampus. Saam met hom in die voorste linie is prof Linda du Plessis, viserektor vir akademie, kwaliteit en beplanning. Die res van die bestuurspan bestaan uit twee dekane, 'n kampusregister en direkteure van ondersteuningsdepartemente.



Prof Thanyani
Mariba
Kampusrektor



Prof Linda
du Plessis
Viserektor:
Akademie,
Kwaliteit en
Beplanning



Prof Tinie Theron
Dekaan: Fakulteit
Geestes-
wetenskappe



Prof Herman van
der Merwe
Dekaan: Fakulteit
Ekonomiese
Wetenskappe en
Inligtingstegnologie



Me Elbie Steyn
Kampus-
register



Mnrr Herman
Steyn
Hoofdirekteur:
Finansies en
Fasiliteite



Mnrr Warren
Makgowe
Direkteur:
Bemarking en
Kommunikasie



Me Prem Coopoo
Studentedekaan

ons pad na sukses

Wanneer mens kyk na die opsomming in die tabel hieronder, is dit duidelik dat die NWU se prestasie met betrekking tot sy kernbesigheid die afgelope paar jaar op feitlik alle terreine toegeneem het.

	2009	2010	2011	2012	2013
Totale studente-inskrywings	50 589	55 732	56 641	58 752	60 975
- Kontak	26 853	29 243	31 663	34 389	36 195
- Afstand	23 736	26 489	24 978	24 363	24 780
Voorgraadse slaagsyfer	83,6%	83,5%	85,2%	88,2%	85,1%
Graadverwerwingskoers	27%	27%	27%	25%	25%
Grade en diplomas toegeken	13 445	15 083	15 904	14 669	15 464
Meestersgrade toegeken	659	633	639	670	781
PhD's toegeken	123	129	115	154	168
Artikelekwivalente gepubliseer (totaal)	448	589	734	869	1 227 (voorlopig)
NNS-gegradeerde navorsers	116	117	125	140	169
Totale geweegde navorsingsuitset	1 186	1 318	1 483	1 793	2 237
Totale inkomste	R1 827m	R2 002m	R2 318m	R2 702m	R2 973m
Surplus (herhalende items)	R58m	R37m	R63m	R103m	R17m
Personeelkoste / totale koste	50,7%	52,8%	52,4%	52,2%	51,5%
Selfgegenereerde inkomste	R647m	R642m	R751m	R864m	R944m
% van inkomste vanaf regering	41,5%	44,6%	43,1%	40,8%	39,1%
% van inkomste uit klasgeld	22,4%	23,6%	24,7%	26,5%	28,4%
Kapitaaluitgawes op opgraderings	R81,9m	R60,5m	R53,2m	R82,5m	R69,9m



ons akademiese programme

By die Noordwes-Universiteit gaan dit nie net oor onderwys nie, maar oor die geleenthede wat onderwys bring. Met ander woorde die NWU bied meer as 'n opvoeding: ons bied aan mense 'n plek in die wêreld.

Studente kan nie net kies tussen die drie kampusse wat oor 'n wye gebied versprei is nie, maar ook tussen die groot verskeidenheid akademiese programme wat aangebied word.

Hierdie groot keuse en buigsaamheid stel hulle in staat om hul volle potensiaal te verwesenlik en hul loopbane te begin ontwikkel.

Die universiteit bied nie net 'n aantal akademiese programme wat nie by ander Suid-Afrikaanse universiteite gevind kan word nie, maar het ook die tweede-grootste afstandsleereneenheid in Suid-Afrika wat tans afstandsleerprogramme aan 28 000 studente bied. Hierdie groep bestaan hoofsaaklik uit opvoedingswetenskappe-, maar ook verpleegkunde- en teologiestudente.

Hierdie eenheid spog met bykans 55 fasiliterings- en 120 eksamensentrums. Hierdie sentrums is regdeur Suid-Afrika versprei, terwyl sommige in Suider-Afrikaanse Ontwikkelingsgemeenskapslande geleë is.

► tolkdienste

Ingevolge ons beleid van funksionele meer-talighed bied die NWU opvoedkundige tolkdienste aan studente. Die hoofdiens word op die Potchefstroomkampus gelewer, waar sowat 26% van alle modules getolk word. Die grootste rede vir die tolking op dié hoofsaaklik Afrikaanssprekende kampus is om toegang vir nie-Afrikaanssprekendes in 'n wye verskeidenheid studierigtigs moontlik te maak.

Tolkdienste word ook in sekere modules op die Mafikengkampus gelewer, en sal in 2015

uitgebrei word. Op dié kampus word daar van Engels na Setswana getolk.

Sekere modules op die Vaaldriehoekkampus sal hopelik vanaf 2015 weer getolk word, waar tolking van Engels na Afrikaans plaasvind.

Op die Potchefstroomkampus is 'n groep onderwysstudente van die Koninklike Bafo-kengnasie wat simultane tolking na Setswana in al hul vakke ontvang sodat hulle kan leer om in hul moedertaal onderrig te gee.

Op die Potchefstroomkampus word daar ook na Suid-Afrikaanse Gebaretaal toe getolk vir die BA Regte-studierigting, waardeur dié program toeganklik gemaak word vir Dowe studente.

► ontwikkel kritieke vaardighede vir die land

Die universiteit fokus op die ontwikkeling van skaars en strategiese vaardighede:

Die NWU het die grootste oop afstandsonderrig-onderwys-eenheid in die land en bied onderwysprogramme aan vir onderwysers wat reeds in diens is in die land. In 2013 het die NWU 7 676 onderwyskwalifikasies toegeken, die meerderheid aan onderwysers wat hul kwalifikasies wil verbeter.

Die NWU doen dit deur die aanbied van vier professionele grade, naamlik in forensiese rekeningkunde, geoktrooieerde rekeningkunde,



bestuursrekeningkunde en finansiële rekeningkunde. Die NWU is die enigste universiteit in Suid-Afrika wat al vier spesialiseringe in rekeningkunde voorgaads aanbied.

► nwu-kampusse

Elkeen van die NWU se drie kampusse het definitiewe sterkpunte en vermoëns, in oor eenstemming met die universiteit se strategiese rigting van beide eenheid en diversiteit.

mafikengkampus

Die Mafikengkampus is die tweede-grootste van die NWU se drie kampusse, met 10 713 studente in 2013, waarvan 1 245 vir afstandsprogramme ingeskryf was. Daar is vyf fakulteite, naamlik Landbou, Wetenskap en Tegnologie, Geestes- en Sosiale Wetenskappe, Opvoedkunde en Opleiding, Handel en Administrasie, en Regte.

Die kampus bied verskeie unieke programme aan:

> Vervoerekonomie en Logistieke Bestuur

Hierdie program is tot stand gebring in reaksie op geïdentifiseerde kritieke en skaars vaardighede in Suid-Afrika en is een van die vlagskipprogramme in die land.

> Diergesondheid

Die groot diergesondheidskompleks huisves onder ander 'n moderne dierenkliniek om die voorgraadse onderrigprogram te verbeter, asook groot diagnostiese en navorsingslaboratoriums om nagraadse studie te faciliteer.

> Inheemse Kennisselsels (IKS)

Die IKS-sentrum bied 'n vierjaar-baccalaureusgraad in IKS aan met spesialiseringsopties in landbou, wetenskap en tegnologie, gesondheid, inligting en kommunikasiesteknologie, en kuns en kultuur. Laasgenoemde sluit tale in waarvandaan navorsingsprogramme vir meesters- en

doktorsgrade sal ontwikkel. Inheemse kennis is plaaslike kennis en praktyke wat uniek is tot en ontwikkel word binne 'n bepaalde kultuur of samelewning.

> Sentrum vir Toegepaste Stralingswetenskap en -tegnologie (STS WT)

As baanbreker in toegepaste stralingswetenskap het hierdie sentrum 'n mandaat om navorsing te doen en kapasiteit te bou vir die kernindustrie in Suid-Afrika. Die sentrum bied programme op honneurs- en meestersgraadvlek aan.

> Regsonderrig en -leer

Die Fakulteit Regte se LLB-program is baie gewild, met studente van so ver as Botswana, Kameroen, Negerië, Zimbabwe en Zambië.

> Verbetering van die gehalte van onderwys in Suid-Afrika

Die Fakulteit Opvoedkunde en Opleiding is gepositioneer om werk te maak van die kritieke tekort aan onderwysers in die land deur die opleiding van nuwe onderwysers en die verbetering van die vaardighede van reeds gekwalifiseerde onderwysers deur middel van deurlopende professionele ontwikkeling.

> Akademici blink uit

'n Akademikus van die Skool vir Wiskunde en Fisiiese Wetenskappe is gekies as lid van die Nasionale Navorsingstigting se Astronomie-adviesraad. Daarby was 'n personeellid van Bedryfsielkunde een van vyf finaliste in die nasionale DHL Rising Star-toekennings, terwyl twee dosente van die Skool vir Ekonomiese Wetenskappe die Beste-referaat-toekenning by die 19de konferensie van die Internasionale Vereniging vir Besigheidsinligtingsbestuur in Spanje ontvang het.

> Loopbaan in sport

Soos in die afdeling "Ons Studente" genoem, is 'n sokkerinstiutuut aan die begin van 2007 op die Mafikengkampus tot stand gebring.



Behalwe sokkerafrigting ontvang studente ook akademiese opleiding. Hulle kan byvoorbeeld inskryf vir 'n baccalaureusgraad van hul keuse, of 'n driejarige diploma in Sportwetenskappe.

potchefstroomkampus

As die grootste van die NWU-kampusse, het hierdie kampus in 2013 altesaam 43 750 studente gehad, waarvan 23 464 vir afstandprogramme ingeskryf was.

Die kampus is ook verantwoordelik vir die meeste van die NWU se navorsingsuitsette en Nasionale Navorsingstigting-gegradeerde navorsers. Daar is agt fakulteite: Lettere en Wysbegeerte, Natuurwetenskappe, Teologie, Opvoedingswetenskappe, Ekonomiese en Bestuurswetenskappe, Regte, Ingenieurswese en Gesondheidswetenskappe. Die kampus het ook 23 navorsingsentiteite en 'n aantal sentrums en institute waar alle navorsingsaktiwiteite plaasvind.

> Internasionale erkenning

Die BSc-honneursprogram in Kwantitatiewe Risikobestuur (KRB) van die Sentrum vir Bedryfswiskunde en Informatika® (Sentrum vir BWI) het internasionale erkenning van twee professionele risikobestuursliggame ontvang.

> Uitnemende programme

Die standaard van die oop afstandsleerprogramme wat deur die Fakulteit Opvoedkunde aangebied word, vergelyk goed met die beste in die wêreld, volgens kundiges in Australië, Nederland, Uganda en die VK. Die fakulteit het ook die hoogste deurvloeijsfers vir sy onderwyseropleidingsprogramme landwyd.

> Akademikus aan die stuur

'n Gesoute taalkenner en direkteur van die Skool vir Tale is die nasionale voorsitter van die Nasionale Taalligaam vir Afrikaans, die Raad van die Afrikaanse Taalmuseum

en -monument, en van die Suid-Afrikaanse Akademie vir Wetenskap en Kuns. Hy is ook lid van die Pan-Suid-Afrikaanse Taalraad.

> Gesogte toekenning

Die dekaan van die Fakulteit Ekonomiese en Bestuurswetenskappe is aangewys as een van die land se invloedrykste vroue in onderwys en opleiding. Die toekenning was deel van die saketydskrif CEO (Celebrating Excellence in Organisations) se kompetisie om Suid-Afrikaanse vroue te vereer vir hul bydrae tot die sakewêreld en die regering.

Die dekaan van die Fakulteit Ingenieurswese is die eerste nie-Amerikaner wat verkies is as voorsitter van die Vereniging van Energieingenieurs.

'n Ingenieurswesedosent het ook 'n nasionale toekenning vir onderriguitnemendheid ontvang van die Higher Education Learning and Teaching Association of Southern Africa (HELTASA).

> Fabriseringslaboratorium van wêreldgehalte

Die Fakulteit Ingenieurswese spog met 'n fabriseringslaboratorium (Fablab) van wêreldgehalte waar mense tegnologie kan gebruik om bykans enige idee in 'n ontwerp te omskep.

> Styg uit bo ander

By die wêreldsweeftuigkampioenskappe in 2012 is die JS1 Revelation-sweeftuig, ontwerp in die Skool vir Meganiese en Kerningenieurswese, as die beste weeftuig aangewys. In 2013 het JS1 Revelation-sweeftuie ook al drie topposisies by die wêreldkampioenskappe in die Verenigde Koninkryk verower.

> Studente blink uit

Twee studente van die Skool vir Musiek het beurse gewen om in 2013 aan die Hochschule in Keulen, Duitsland, te studeer. Daarby het 'n finalejaarstudent van die Skool vir Chemiese en Mineraalingenieurstudie op



die Potchefstroomkampus die Vereniging vir Steenkoolverwerking se Tertiére Student van die Jaar-toekenning gewen.

Grafiese Ontwerp-studente het verskeie groot ontwerppryse in 2013 opgeraap. Dit sluit in toekennings van die Suid-Afrikaanse Poskantoor se Filatelisfederasie, die Design Indaba, die Institute for Packaging South Africa, en die World Packaging Organisation. Hulle het ook verskeie Pendoring- en Loerie-toekennings gewen, en het 'n tweede plek in 'n nasionale Film Fundi-kompetisie behaal.

Regstudente het die LexisNexis Intervarsity Kriminele Skynhofsaakkompetisie vir die vyfde agtereenvolgende jaar gewen.

Studente van die Sentrum vir Uitnemendheid vir Farmaseutiese Wetenskappe (Pharmacen) het die eerste én tweede plek behaal in die Jong Wetenskaplike-kompetisie wat georganiseer is deur die Akademie vir Farmaseutiese Wetenskappe van Suid-Afrika en die Suid-Afrikaanse Vereniging vir Basiese en Kliniese Farmakologie.

> **CTexT®**

Die Sentrum vir Tekstegnologie (CTexT®) doen navorsing oor mensetaaltegnologie en ontwikkel taaltegnologieprodukte soos speltoetsers en masjienvertalingshulpbronne vir Suid-Afrikaanse tale.

Mensetaaltegnologie maak dit vir mense moontlik om rekenaars en ander tegnologieë in natuurlike tale (soos Afrikaans of isiZulu) te gebruik. Die regeringsbefondsde Taalhulpbronbestuursagentskap (HBA), wat deur CTexT bestuur word, is daarop gemik om te help met data-ontwikkeling vir navorsers en ontwikkelaars en sodoende nuwe tegnologieë in meer tale te fasiliteer.

> **'n Nuwe vlak van opleiding**

Die Fakulteit Gesondheidswetenskappe gebruik mediese simulatiepoppe en ultra-moderne simulatie-apteke om gesondheid-sorg- en farmaseutiese studente op te lei. Hulle spog ook met 'n Eenheid vir Opleiding

in Primière Gesondheidsorg en 'n Sentrum vir Kinder-, Jeug- en Gesinstudies.

> **Sonkragbrandstof-werkswinkel**

Die Fakulteit Ingenieurswese het die internasionale SolarPACES sonkragbrandstof-werkswinkel in Februarie 2013 aangebied, met gassprekers van Israel, Duitsland en Australië.

> **Baanbrekers in ekstrusie**

ExtrAfrica, 'n opleidingsinisiatief in die Sentrum van Uitnemendheid in Gevorderde Vervaardiging, organiseer opleidingseminare en 'n jaarlikse internasionale voedselekstrusiekonferensie, wat die plaaslike voedselekstrusiebedryf ondersteun. Ekstrusie is 'n proses wat in die voedsel-, voer-, plastiek-, poeiergeverf- en samestellingsbedryf gebruik word.

> **Unieke tegnologie vir geneesmiddel aflewering**

Navorsers van die DWT/NWU Prekliniese Geneesmiddelontwikkelingsplatform en die Sentrum van Uitnemendheid vir Farmaseutiese Wetenskappe het 'n unieke geneesmiddelafleweringstegnologie, bekend as Pheroid™, ontwikkel om siektes soos malaria meer doeltreffend te behandel, en vir die aflewering van groot geneesmiddelmolekules oor die vel.

> **Internasionale rolspeler in die behandeling van MIV/Vigs**

'n Ander voorpuntprestasie is die universiteit se deelname aan 'n internasionale konsortium wat 'n tender van \$7 miljard gewen het om tot die Amerikaanse President se noofonds vir VIGS-hulp (PEPFAR-projek) by te dra.

vaaldriehoekkampus

Hoewel dit die kleinste van die drie kampusse is, met 6 512 geregistreerde studente in 2013, is hierdie kampus 'n kragbron van akademiese kundigheid. Die kampus het twee fakulteite, naamlik die Fakulteit Geesteswetenskappe

met vier skole en die Fakulteit Ekonomiese Wetenskappe en Inligtingstegnologie met drie skole.

> Onderrig-leer-aktiwiteite

Ter ondersteuning van sy studente en ter handhawing van 'n slaagsyfer van 84% het die kampus Aanvullende Onderwys (AO) uitgebrei na 100 modules in die eerste semester en 81 in die tweede semester. AO het 63% van alle hoërisikomodules ondersteun.

Die eweknie-mentorprogram vir eerstejaarstudente is ook suksesvol in alle kampus-koshuise ingevoer, insluitende die twee dagkoshuise.

> Bevordering van verskeie vaardighede

'n **Taal- en Skryfsentrum** in die Skool vir Tale help studente om taal meer doeltreffend te gebruik. Hulle word gehelp met argumentasievaaerdighede, paragrafering, verwysings en konseptuele strukturering om hul akademiese skryfvaardighede te verbeter.

Die **Serious Games Institute – South Africa**, 'n gesamentlike onderneming tussen Coventry Universiteit in die Verenigde Koninkryk en die Fakulteit Ekonomiese Wetenskappe en Inligtingstegnologie, gebruik spesiale simulasiesteljies om mense op te lei in vakgebiede soos sosio-ekonomiese, streeksbeplanning, en risikoversekering.

Die **Sentrum vir Voortgesette Professionele Ontwikkeling** (SVPO), bied kortkursusse en werkswinkels op verskeie gebiede aan. Dit sluit in projekbestuur, arbeidsverhoudinge, en bestuurs- en rekenaarvaardighede. Plaaslike regerings, die Gautengse Departement van Onderwys, die Kaizer Chiefs-sokkerklub en die Suid-Afrikaanse Sokkervereniging is enkele van die maatskappye wat reeds by hierdie programme gebaat het.

Die **Ondernemingsontwikkelingsentrum** verteenwoordig 'n entrepreneuriese ontwikkelingsinisiatief vir studente en besighede in die Vaaldrrieghoekstreek. Die sentrum bemagtig enigiemand om 'n

entrepreneur te word. Dit maak deel uit van die bhive-projek (Bridging Business and Education by Establishing a Hub of Innovative Ventures and Expertise). Die bhive is die resultaat van 'n 1,8 miljoen euro-toekenning van Nederland.

Die **Sentrum vir Toegepaste Risikobestuur** spreek die behoefté aan vir nagraadse risikobestuursopvoeding en toegepaste risiko-navorsing. Die fokus is op senior en uitvoerende bestuur en raadslede van finansiële instansies.

► bevorder akademiese sukses

'n Belangrike faktor in akademiese prestasie op universiteitsvlak is goed ontwikkelde vaardighede in leer, lees, lewensvaardighede en akademiese geletterdheid. Die NWU bied verskeie programme aan om studentesukses te bevorder.

Een daarvan behels akademiese geletterdheds- en vaardigheidstoetse wat deur alle eerstejaarstudente van die NWU afgelê word om te bepaal of hulle behoort baat te vind by die bykomende module in akademiese geletterdheid wat vir alle eerstejaars aangebied word, asook by ander vaardigheidsprogramme wat die NWU aanbied.

'n Verpligte module in akademiese geletterdheid word op alle NWU-kampusse aangebied. Ander verpligte modules wat studente help om die wêreld as 'n stel verwante stelsels te verstaan, is ook reeds in alle akademiese programme op die tweede- en derdejaarsvlak ingevoer.

Die NWU het ook belê in die universiteitswyse implementering van Aanvullende Onderrig (AO) op al die kampusse. AO is 'n akademiese ondersteuningstelsel vir studente wat regoor die wêreld ontwikkel en gebruik word. Verder versaf die NWU ook akademiese ondersteuning soos eweknie-mentorskap, tutoriale, leeslaboratoriums en skryfsentrumms op al drie kampusse om studentesukses te verseker.

ons studente

Die NWU glo in die totale bemagtiging van studente sodat hulle goed voorbereid is om met suksesvolle loopbane te begin, tot die samelewing by te dra en gebalanseerde, doelgerigte lewens te lei.

Die NWU wil die plek wees waar studente nie net akademiese uitnemendheid bereik nie, maar ook vrye teuels gee aan hul verbeeldings, hul aspirasies visualiseer en hul toekomstige sukses ontwikkel. Die kampuslewe is gemik op holistiese groei en ontwikkeling, soos duidelik blyk uit die wye verskeidenheid kulturele, sport-, voorligtings- en welstandsaktiwiteite waaraan studente aangemoedig word om deel te neem.

► studenteprofiel

Diversiteit is die onderskeidende eienskap van die NWU se studenteprofiel. Dit is te verwagte as in ag geneem word dat die universiteit drie kampusse het wat oor twee provinsies versprei is. Dit word ook verwelkom aangesien dit die dinamiek en demografie van die Suid-Afrikaanse samelewing weerspieël.

Die NWU beskou dit as 'n mededingende voordeel vir studente, want deur saam te werk en te leer, put hulle krag uit hul diversiteit en verbeter hul vermoë om te kommunikeer en met mekaar saam te leef.

In 2013 het die NWU se studenteprofiel soos volg daar uitgesien:

Kampus	Studente
Mafikeng	10 713
Potchefstroom	43 750
Vaaldriehoek	6 512
TOTAAL	60 975

► voograadse en nagraadse studente

Verreweg die meerderheid studente is voorgraads, met 47 137 wat in 2013 vir

baccalaureusgrade of diplomas ingeskryf was. Die NWU het egter ook 'n beduidende aantal nagraadse studente:

Meestersgraadstudente	2 871
Doktorsgraadstudente	1 171

► studie-opsies

In 2013 was sommige van die studiekeuses van studente by die NWU die volgende:

Hoofstudierrein	Kontak	Afstand	Totaal (%)
Wetenskap, ingenieurswese, tegnologie	11 736	576	20%
Sake/bestuur	9 866	33	16%
Opvoedkunde	4 772	21 769	44%
Ander geesteswetenskappe	9 820	2 402	20%

Na verwagting sal hierdie profiel meer in die rigting van die natuurwetenskappe en ekonomiese dissiplines verskuif, ooreenkomsdig die NWU se Institusionele Plan.

► studentefasiliteite en infrastruktur

Die NWU belê intensief in studentefasiliteite en infrastruktur om die bes moontlike leer- en ekstrakurrikulêre ontwikkelingsgeleenthede aan studente te bied.

Die universiteit het 123 aktiewe projekte as deel van sy infrastrukturplan vir 2013 tot 2015. Die waarde van hierdie projekte wissel van R50 000 tot R129 miljoen. Verskeie projekte is reeds in 2013

afgehandel en vroeg in 2014 in gebruik geneem. Dit sluit onder andere in fase twee van 'n nuwe natuurwetenskappekompleks op die Mafikengkampus en die opgradering van die IT-masjienkamer op die Potchefstroomkampus.

Ander groot projekte op die kampusse is 'n nuwe verpleegkundegebou en koshuise op die Mafikengkampus, 'n nuwe gebou vir farmasie en biologiese wetenskappe op die Potchefstroomkampus en 'n biblioteek – 'n R60 miljoen-fasiliteit – vir die Vaal-driehoekkampus.

► miv/vigs

Die NWU se MIV/Vigs-program vir personeel maak deel uit van die universiteit se Werknemergesondheid- en Welstandsprogram, terwyl die program vir studente onder die studentedekane ressorteer.

MIV/Vigs-dienste is beskikbaar op alle kampusse en die campusgesondheidsklinieke verskaf vrywillige berading en toetsing aan personeel en studente.

► loopbaansentrum

Die Loopbaansentrum is betrokke by 'n verskeidenheid aktiwiteite wat die indiensneembaarheid van NWU-studente bevorder en netwerke skep wat werkgewers bewus maak van die sterkpunte van die universiteit se studente.

'n Loopbaankonsultant bemagtig NWU-studente in met CV-skryfvaardighede en voorbereiding vir werksonderhoude.

Gedurende 2013 is ses loopbaanskoue regoor die NWU gehou, wat bygewoon is deur 106 maatskappye. Dit bied aan studente die geleentheid om te netwerk met belangstellende werkgewers en meer te wete te kom oor die verskillende loopbane in hul studierigtings.

► buitemuurse ontwikkeling

Die NWU bied aan studente talle geleenthede om hul talente te ontwikkel deur aan sport, die kunste, kulturele en ander buitemuurse aktiwiteite deel te neem.



Lede van die NWU se institusionele verteenwoordigende studenteraad is agter van links mnr Parker Makonzo, mnr Paul Maritz, me Motlalepula Tlhabetsane, me Makhotso Mosikidi, mnr Sydney Madibo, mnr Karabo Kau, mnr Maxwell Dyasi en mnr Thabelo Tshitaka. Voor is me Monica van Schalkwyk, mnr Tutu Kgobane, me Marié Naudé en mnr Bethuel Mokoena.

► kultuuraktiwiteite

Die **Mafikengkampus** het hom in kuns, musiek, koor en multikulturele drama onderskei, met die kampuskoor wat nou al vir vier jaar agtereenvolgens die eerste plek in die streekskampioenskap van die Telkom/Ou Mutual-koorkampioenskap verower het.

Die koor het ook 'n tweede plek behaal by die Sedibeng-koorkompetisie en die streek by die Nasionale Koorfees verteenwoordig.

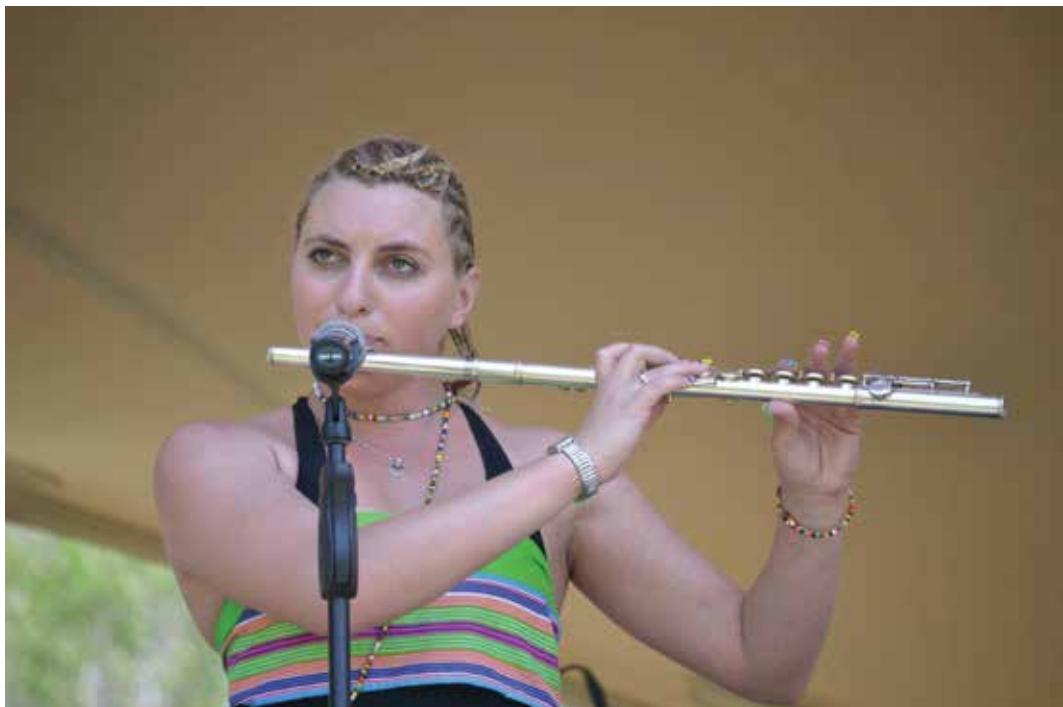
Die **Potchefstroomkampus** is die tuiste van die bekende NWU-PUK-koor, die Boulevard harmoniste, 'n a cappella-ensemble, en die NWU-PUK Serenaders.

Die kampus spog ook met die NWU-PUK-simfonieorkes, die Thalia-toneelgeselskap, die Disfunctional Beat-dansvereniging, die NWU-PUK Amici-ensemble, en Divaco, 'n kultuurvereniging wat die Kaapse kultuur deur

middel van drama, dans en musiek uitbeeld. In 2013 het die kampus die 30ste bestaansjaar van die jaarlikse Kampustalentfees met 'n groot gala-gebeurtenis gevier, met optredes deur kategoriewenners van die afgelope drie dekades se kompetisies.

Die ontwikkeling van die kunste in die Noord-wesprovincie is nog 'n prioriteit van die NWU. Wat dit aanbetrif, word leerderskap-programme en sertifikaatkursusse deur die Instituut vir Kunstabestuur en -administrasie (*Artéma*) op die Potchefstroomkampus aangebied.

Die **Vaaldriehoekkampus** het 'n kampus-radiostasie, *River FM*, tot stand gebring. Die Vaaldriehoekkampus se koor, *The Voices of the River*, neem gereeld aan streekskompetisies deel. 'n Jaarlikse Kulturfees is een van die hoogtepunte op die kampuskalender, met al drie NWU-kampusse wat daaraan deelneem.



► sport

Die NWU kan, op grond van prestasies op die sportveld, met reg daarop aanspraak maak dat dit een van die top-sportuniversiteite in Suid-Afrika is.

Om hierdie aanspraak te versterk, fokus die NWU op sewe hoofsportsoorte, naamlik atletiek, krieket, hokkie, netbal, rugby, sokker en tennis. Daarby bied die universiteit geleenthede vir deelname aan 30 ander sport- en ontspanningsaktiwiteite.

kleiner sportkodes

Verskeie spanne van die Mafikengkampus het in 2013 goed gevaar by die USSA-kampioenskap. Die **liggaamsbouspan** het een goue medalje gewen, die **aërobiese** span het vyf silwer en twee bronsmedaljes teruggebring, die **karatespan** het vier silwer- en sewe bronsmedaljes gewen, en die **boksspan** het een goue en twee silwermedaljes opgeraap.

Die boks- en karatespan, sowel as die **mans-landloop- en sagtebalspan** het vierde plekke behaal by die USSA-spele en die **vroueskaakspan** 'n tweede plek.

Twee sportsterre op die Mafikengkampus is vir SA spanne gekies. Een het die nasionale **netbalspan** gehaal en nog een die **SA ju-jitsu** presidensiële span wat twee silwermedaljes en een bronsmedalje ingeoes het by die Verenigde Nasies se Wêreldkampioenskap in 2013.

Verskeie ander studente is gekies vir provinsiale of USSA-spanne. Hierdie spanne sluit sportkodes in soos landloop, liggaamsbou, **tafeltennis**, **voetbal**, **sagtebal** en **pluimbal**.

Die **dansklub** van die Mafikengkampus het ook aan die 2013 USSA-kampioenskap deelgeneem, en met agt medaljes teruggekeer.

Dans is ook baie gewild op die Vaaldriehoek-kampus, en die span bestaan uit manlike sowel as vroulike dansers. Die dansspan het die kampus suksesvol verteenwoordig by die nasionale USSA-kampioenskap, waar die span die kwarteindronde gehaal het.

Drie paartjies het die semifinaal gehaal waar één paartjie in die tweede plek geëindig het. Die dansers het aan die Paartjies-, Latynse dans- en Baldans-kategorie deelgeneem.

Die Vaaldriehoekkampus se **liggaamsbouspan** het tweede geëindig by die USSA-kampioenskap, ná die Universiteit van Zululand.

Die NWU Vaal se **skaakspan** is tiende op die nasionale ranglys.

Die **Sewesrugbyspan** het in die semifinaal van die USSA-bekertoernooi gespeel en die vierde plek in die A-afdeling behaal.

Weens die ideale ligging van die Vaaldriehoek-kampus op die oewer van die Vaalrivier is die langtermynvisie om **watersport** te ontwikkel. Om hierdie visie te verwesenlik is 'n kano- en 'n roeiklub tot stand gebring en is die roeiklub by Rowing SA geregistreer. Lede van die NWU Vaal-Watuni-kanoklub het aan verskeie kompetisies deelgeneem, insluitende die Duzi-kanomarathon en die uitdagende Bergriviermarathon.

Die Vaaldriehoekkampus het onlangs klein sportkodes soos basketbal, skaak, sewesrugby, **bergfietsry**, **marathon**, **gholf** en **vlugbal** in hul nuwe koshuisligastruktuur ingesluit.

Die kleiner sportkodes op die Potchefstroomkampus het ook goed gevaar by die USSA-kampioenskap.

Karate was weereens een van die mees suksesvolle kleiner sportkodes by die NWU. Die Potchefstroomkampus se span het die USSA-toernooi vir die 14de agtereenvolgende keer gewen. Die Potchefstroomkampus se **muurbal-** en **pluimbalspan** het ook 'n eerste plek behaal.

groot sportkodes

Een van die groot sportkodes wat op die NWU se Potchefstroomkampus ondersteun word, is **rugby** en hierdie kampus spog met 'n hoogaangeskrewe Rugbyinstituut. Hul rugbyspan het sy negende opeenvolgende intervarsity-kragmeting teen die Universiteit van die Vrystaat gewen en tweede geëindig in die 2014 Varsitybeker-toernooi nadat hulle boaan die log was.

Die Vaaldriehoekkampus se rugbyspan neem deel in die B-afdeling van die USSA-kampioenskap.

Atletiek is 'n gewilde groot sportkode op die Potchefstroomkampus, met die mansatletiekspan wat die USSA-toernooi gewen het, en vier atlete van die kampus wat Suid-Afrika tydens die IAAF se Binnenshuise Wêreld-kampioenskap in Moskou verteenwoordig het. Die span het ook 'n tweede plek behaal by die Varsitybeker-finaal.

Die Potchefstroomkampus se atletiek- en **hokkiespanne** neem nou in die onlangs uitgebreide Varsitybeker-liga deel. Beide spanne het tweede geëindig, en die vrouehokkiespan was die enigste onoorwonlike span tydens die ligafases.

Die Vaaldriehoekkampus se manshokkiespan was derde in die USSA B-afdeling.

Die vrouehokkiespan het weereens aan die USSA-kampioenskap deelgeneem (B-afdeling) en is tans die heersende kampioene van die Suid-Gautengse Hokkieliga.

Die Potchefstroomkampus se **krieketklub**, met 17 spanne, is tans die tweede-grootste in die land.

Die manskrieketspan op die Vaaldriehoekkampus het hul plek in die mededingende A-liga van die USSA-kriekettoernooi behou en word as een van die top agt universiteitspanne in die land beskou. Een speler is gekies vir die SA Studentespan. Die krieketklub neem ook deel in die Noordwes Premierliga, die Sedibeng Plaaslike Liga en die Gautengse Sondagliga.

By die 2013 USSA-kampioenskap het die Potchefstroomkampus se **netbalspan** derde geëindig in die Superliga-afdeling en die Varsitybeker-finaal gehaal.

Die Vaaldriehoekkampus se netbalspan het tweede geëindig in die Premier-afdeling en agtste by die USSA-winterspele. Deelname aan netbal het só toegeneem dat die kampus nou in die Noordwes Senior Liga, die plaaslike Vaaldriehoekliga en die plaaslike Aksienetballiga deelneem.

Die NWU Puk/Riaan Venter **Tennisakademie** het in 2013 twee Junior ITF Tennistoernooie aangebied, wat spelers van regoor die wêreld gelok het en internasionale erkenning ingeoes het.

As een van sy strategiese prioriteite het die NWU in 2007 'n **Sokkerinstituut** op die Mafikengkampus tot stand gebring. Die instituut was vierde in die Varsitybeker-kompetisie en vyfde in die USSA-kampioenskap in 2013. Hulle het ook verskeie wedstryde aangebied wat regstreeks uitgesaai is.

Op die Vaaldriehoekkampus het die vrouespan hul status in die Sasolliga behou. Hulle neem ook deel aan die USSA Gauteng-liga en by die USSA-toernooi. Hulle is tans vierde op USSA se ranglys.

* *Die statistiese gegewens waarna in hierdie afdeling verwys word, is nie geoudit nie.*

► in 'n neutedop...

- > Die NWU ondersteun sewe belangrike sportsoorte, naamlik atletiek, krieket, hokkie, netbal, rugby, sokker en tennis, en bied ook 30 kleiner sport- en ontspanningsaktiwiteite aan, wat strek van kompeterende skaak tot rotsklim, karate en sagtebal.
- > Die NWU spog met 'n Rugbyinstituut en 'n Hokkie-akademie op die Potchefstroomkampus, 'n Sokkerinstituut op die Mafikengkampus en 'n Krieketakademie en 'n Roeiklub op die Vaaldriehoekkampus.



ons navorsing, innovasie en gemeenskapsverbintenis

In die belang van die NWU se strewe om 'n gebalanseerde onderrig-leer- en navorsingsuniversiteit te word, is die universiteit se navorsings- en innovasiestrategie daarop gemik om hulpbronne optimaal te benut en seker te maak dat ons ingrepe maksimale impak het.

► navorsing@nwu

Navorsing aan die NWU geskied volgens 'n navorsingsentiteitemodel.

Die onderliggende beginsel van die identifisering en ontwikkeling van navorsingsentiteite is dat die universiteit en elke kampus navorsingsterkpunte ontwikkel, met inagneming van bestaande en toepaslike kundigheid en potensiaal, en die behoeftes van die streek en die land, binne die raamwerk van die langtermyn-strategiese navorsings- en innovasieplan.

Die "intreevlak"-navorsingsentiteit is dié van 'n nisarea, gevolg deur 'n fokusarea, dan 'n eenheid, en uiteindelik 'n sentrum van uitnemendheid. Daar is spesifieke kriteria aan die vier vlakke verbonden, en hulle moet toenemende kapasiteit, uitset, toepaslikheid en nasionale en internasionale erkenning toon. Die NWU het tans die volgende navorsingsentiteite:

Sentrums van uitnemendheid

- > Sentrum van Uitnemendheid vir Voeding (SUV)
- > Sentrum vir Ruimtenavorsing
- > Sentrum van Uitnemendheid vir Farmaseutiese Wetenskappe (Pharmacen)

Eenhede

- > Eenheid vir Energiestelsels
- > Eenheid vir Reformatoriese Teologie en

die Ontwikkeling van die Suid-Afrikaanse Samelewing

- > Eenheid vir Bedryfswiskunde en Informatika
- > Eenheid vir Tale en Literatuur in die Suid-Afrikaanse Konteks
- > Eenheid vir Omgewingswetenskappe en -bestuur
- > Eenheid: Ontwikkeling in die Suid-Afrikaanse Regstaat
- > Afrika-eenheid vir Transdissiplinäre Gesondheidnavorsing (AUTHeR)
- > WorkWell: Navorsingseenheid vir Ekonomiese en Bestuurswetenskappe
- > Onderwys en Menseregte in Diversiteit (Edu-HRights)

Fokusareas

- > Chemiese Hulpbronveredeling
- > Sosiale Transformasie
- > Verstaan en Verwerking van Taal in Komplekse Omgewings (UPSET)
- > Hipertensie in Afrika-navorsingspan (HART)
- > Fisiiese Aktiwiteit, Sport en Rekreasie (PhASRec)
- > Toerismenavorsing in Ekonomiese Omgewings en die Samelewing (TREES)
- > Instaatstelling van Optimale Uitdrukking van Individuale, Maatskaplike en Institusionele Potensiaal (OPTENTIA)
- > Gehalte in Verpleeg- en Verloskunde (INSINQ)
- > Materiaalwetenskap-innovasie en Modellering (MaSIM)
- > Selfgerigte Leer ("SDL")

Nisareas

- > Medisyneverbruik in Suid-Afrika (MGSA)
- > Bevolking en Gesondheid
- > Voedselsekuriteit en Veiligheid in die Noordwesprovincie
- > Musikale Kunste in Suid-Afrika: Hulpbronne en Toepassings (MASARA)
- > Handel en Ontwikkeling (TRADE)
- > Meertalige Spraaktegnologie (MuST)
- > Visuele Narratiewe en Kreatiewe Uitsette

Gehuisveste entiteite

Verskeie sentrums, platforms en institute word gehuisves by die NWU, hoofsaaklik op die Potchefstroomkampus. Hulle is die volgende:

- > DWT/NWU Prekliniese Geneesmiddelontwikkelingsplatform
- > Sentrum vir Menslike Metabonomika
- > DWT HySA Infrastructure-bevoegdheid-sentrum vir Waterstofproduksie, -berging, -retikulasie en veiligheidskodes en standarde
- > DHN Sentrum vir Gevorderde Vervaardiging
- > Die DWT se Sentrum vir Uitnemendheid in Inheemse Kennisstelsels (Hierdie een is op die Mafikengkampus.)

navoring ondersteun innovasie

Akademiese personeel spandeer gemiddeld 40% van hulle tyd aan navorsing, wat ooreenstem met die Institusionele Plan.

Daar was ook 'n aansienlike toename in die getal NWU-navorsers met graderings van die Nasionale Navorsingstigting (NNS).

Ná voorlegging van aansoeke vir gradering in 2013 het die universiteit nou 172 navorsers met NNS-graderings:

Navorsers met A-graderings	3
met B-graderings	17
met C-graderings	122
met P-graderings	2
met L-graderings	2
met Y-graderings	26

> Bou navorsingskapasiteit

Om meer akademiese personeel aan te moedig om aansoek te doen om graderings en om hul navorsingsuitsette te verhoog, het die NWU 'n intensieve kapasiteitsbouprogram vir navorsers van stapel gestuur. Opleiding is aan die gang om die navorsingsvaardighede van akademiese personeel te verbeter, met die klem op die skryf van opsommings, kongresvoordrage en artikels, en die opstel van vraelyste.

> Nagraadse werwing

Die universiteit is ook besig om sy poel navorsingsvaardighede te vergroot deur aktief groter getalle meesters- en doktorsgraadstudente te werf. In 2013 was ongeveer 2 871 studente vir meesters- en 1 171 vir doktorale studie geregistreer.

> THRIIP-inkomste

In 2013 was die THRIIP-inkomste wat uitbetaal is aan die NWU van die hoogste van alle universiteite in Suid-Afrika. Dit is 'n aanduiding van die innoverende en relevante navorsing wat in noue samewerking met die nywerheid in die land gedoen word.

navoring@mafikeng

Die Mafikengkampus het drie NWU-navorsingsentiteite, naamlik Materiaalwetenskap-innovasie en Modellering (MaSIM), Voedselsekuriteit en -veiligheid in die Noordwesprovincie, en Bevolking en Gesondheid.

Materiaalwetenskap-innovasie en Modellering (MaSIM) beoog om 'n toonaangewende navorsings- en ontwikkelingssentrum te word op die gebied van materiaal-, metaal- en nanotecnologie-initiatiewe vir probleemoplossing regoor Suid-Afrika.

Die doel van Voedselsekuriteit en -veiligheid in die Noordwesprovincie is om by te dra tot beter voedselsekuriteit in die Noordwesprovincie. Navorsing

fokus op veeproduksie en -gesondheid, plantvoedselproduksie en landbou-ekonomie en -uitbreiding.

Bevolking en Gesondheid is toegewy aan die ontdekking van nuwe kennis deur innoverende navorsing in twee subprogramme, naamlik Huishoudelike gesondheid en bevolkingsverandering, en Vrugbaarheid, armoede en MIV/Vigs.

Die Sentrum vir Inheemse Kennisstelsels (IKS) op die Mafikengkampus is aangewys as 'n NEPAD/SANBio Regionale IKS-nodus vir die Suider-Afrikaanse streek om IKS-netwerkaktiwiteite te koördineer wat geïnisieer en ondersteun word deur NEPAD. Die sentrum bestuur 'n projek oor die integrasie van IKS in biowetenskappe; dit sluit vyf lande in die streek in vir die tydperk 2010 tot 2013.

Die Sentrum vir Toegepaste Stralingswetenskap en -tegnologie (STS WT) is gemagtig deur die Nasionale Kernreguleerde van Suid-Afrika om aktiwiteite in die mynbousektor uit te voer ter verbetering van stralingsveiligheid en om die minimalisering en bestuur van kernafval te bewerkstellig.

navorsing@potchefstroom

Die missie van die Potchefstroomkampus is om 'n navorsingsgerigte kampus te word waar uitnemendheid in onderrig-leer en navorsing mekaar aanvul. Die kampus beskik oor 23 navorsingsentiteite en vier gehuisveste sentrums, tesame met 'n aantal institute waar alle navorsingsaktiviteite plaasvind. Verskeie laboratoriums, institute, klinieke en sentrums bied dienste en opleiding aan die breër gemeenskap.

Die Navorsingsinstituut vir Industriële Farmsasie (NIIF/“RIIP”), waarby die Sentrum vir Kwaliteitsversekering van Medisyne (CENQAM)® geïnkorporeer is, verskaf kwaliteitsversekering, konsultasie- en opleidingsdienste aan die farmaseutiese bedryf, NRO's en verkrygingsorganisasies. Die fasiliteit is deur die Wêreldgesondheids-

organisasie aangewys as 'n WGO-samewerkingsentrum vir die kwaliteitsversekering van medisyne.

Die Sentrum vir Farmaseutiese en Biomediese Dienste lever farmaseutiese en biomediese dienste aan gesondheidsorgverskaffers en die farmaseutiese en verwante industrieë.

Die Laboratorium vir Kosmetiese Doeltreffendheid evalueer aansprake van die kosmetiek-industrie, en die **Kliniese Farmakokinetiese Laboratorium** lever bloedvlakmoniteringsdienste van anti-epileptiese middels aan pasiënte, hospitale en privaat mediese praktyke.

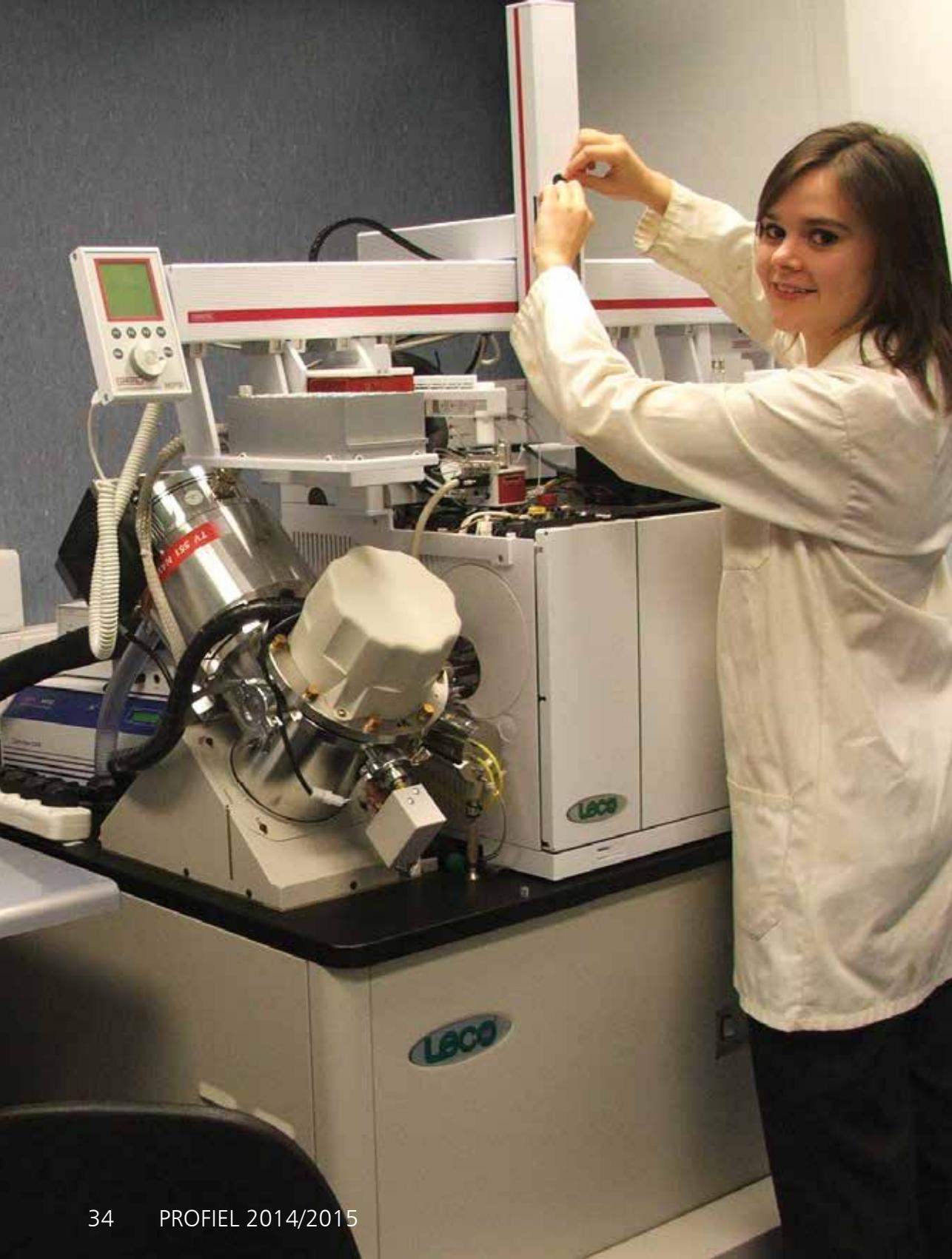
Cosmocen, 'n bevoegdheidsentrum, deel hul kundigheid oor velsorg en die topikale aflewing van geneesmiddels met die industrie deur die lewering van 'eenstopdiens met betrekking tot die ontwikkeling en toetsing van kosmeseutiese produkte.

Die DWT/NWU Prekliniese Geneesmiddelontwikkelingsplatform beskik oor die enigste vivarium met volledige omgewingsbeheer, en bou bestuurs- en datavasleggingstelsels in Afrika.

Die Sentrum vir Hoëprestasie-berekening word gekenmerk deur die hoë gehalte van hul eksperimentele toerusting wat gebruik word vir berekeningsintensiewe navorsing in 'n wye verskeidenheid dissiplines.

Die Normeringsentrum vir Korporatiewe Maatskaplike Verantwoordelikheid doen navorsing oor korporatiewe maatskaplike verantwoordelikheid (KMV) en moniteer die standaarde van KMV in maatskappye, veral in die mynbousektor. Die sentrum bied ook 'n meesters- en PhD-program in KMV aan.

Die kampus spog verder ook met 'n **Hipertensienvavorsings- en Opleidingskliniek** wat geleë is in die Hipertensie in Afrika-navorsingspan (HART) wat fokus op die ontstaan van hoë bloeddruk.



Die universiteit het ook 'n **Sentrum vir Waterwetenskappe** wat die industrie en regering help met waterverwante probleme.

Die Eenheid vir Energiestelsels het ultramoderne navorsingsfasiliteite. Dit sluit in 'n nuwe sonkrag-FV-opleidingsentrum, 'n vloeistofekstraksie-laboratorium, 'n biodiesel-aanleg en nuwe fasilitete vir die waterstofinitiatief, HySA.

> Navorsingsleerstoele

Die Departement van Wetenskap en Tegnologie (DWT) het vyf navorsingsleerstoele aan die kampus toegeken. Dit is Steenkoolnavorsing, Vroeë Opsporing en Voorkoming van Kardiovaskulêre Siekte in Suid-Afrika, Kernenergie, Astrofisika en Ruimtefisika, en Biobrandstowwe en Ander Skoon Alternatiewe Brandstowwe as deel van die DWT/NNS-SARCHi-program.

Die kampus het ook vier ekstern befondsde navorsingsleerstoele in die volgende areas tot stand gebring. Dit is die ETDP/SETA-leerstoel in Vroeë Kinderonderwys, 'n Nutricia-navorsingstigtingleerstoel in Kliniese Voeding, 'n Eskom-leerstoel in Emissiebeheer en 'n Janssen-leerstoel in Verpleegkunde.

navorsing@vaal

Die Vaaldriehoekkampus het drie NWU-navorsingsentiteite:

Verstaan en Verwerking van Taal in Komplekse Omgewings (UPSET) se visie is om ondersoek in te stel na hoe mense taal in komplekse omgewings verstaan en verwerk, deur te fokus op die domeine van taalpraktyk (vertaalkunde) en meerbaarheid.

Instaatstelling tot Optimale Uitdrukking van Individuale, Sosiale en Institusionele Potensiaal (Optentia) is daarop gemik om kennis uit te brei oor hoe individuale, sosiale en institusionele potensiaal optimaal uitgedruk kan word, en om hierdie kennis beskikbaar te stel aan individue en besluitnemers.

Meertalige Spraaktegnologie (MUST) fokus op die ontwikkeling van die wetenskaplike en tegnologiese grondslag wat die weg sal baan vir spraaktegnologie (soos spraakherkenning en spraaksintese) om 'n beduidende impak te hê in die ontwikkelende wêreld.

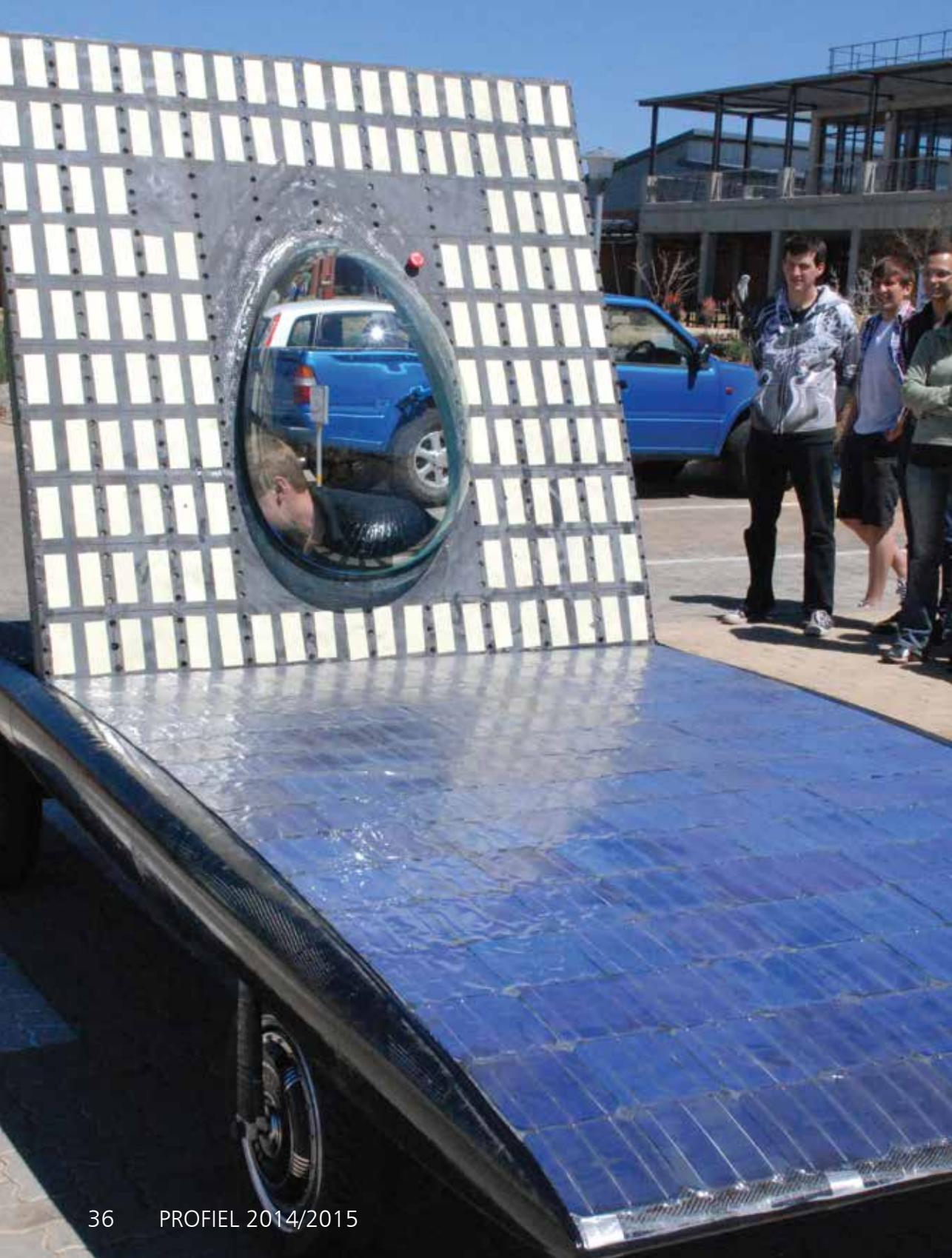
Behalwe dié entiteite is verskeie ander potensiële nisareas geïdentifiseer:

- > Ondernemingskennis en -stelsels
- > Plaaslike Ekonomiese Ontwikkeling (PEO)
- > Toegepaste Risikobestuur
- > Armoede en Sosio-ekonomiese Navorsing (POSER)
- > Generasie Y (ProGenY)

NWU-navorsers op die voorpunt

Verskeie NWU-navorsers deel hul kundigheid met die wêreld.

- > Die direkteur van die Skool vir **Biokinetika, Rekreasie en Sport** op die POTCHEFSTROOMKAMPUS is die president van die Internasionale Vereniging vir die Bevordering van Kinantropometrie en van die Globale Forum vir Liggaamlike-opvoedingspedagogie.
- > 'n Kundige van die **Eenheid vir Omgewingswetenskappe en Bestuur** verteenwoordig Afrika op 'n komitee wat advies oor beleid verskaf aan die Verenigde Nasies se Konvensie ter Bekamping van Verwoestyning (VNKBV). Hy verteenwoordig ook Suid-Afrika as wetenskap-en-tegnologie-korrespondent op die wêreldkomitee van die VNKBV.
- > 'n Nasionale Navorsingstigting-A-gegradeerde wetenskaplike van die **Sentrum van Uitnemendheid vir Farmaseutiese Wetenskappe** (Pharmacen) het meer as R8 miljoen van die Mediese Navorsingsraad ontvang vir 'n projek oor geneesmiddelkombinasies vir die behandeling van siektes soos malaria en tuberkulose.



- > Die houer van die SARCHI-navor-singsleerstoel in die **Hipertensie in Afrika-navorsingspan (HART)** dien op die besture van die Internasionale Vereniging vir Hipertensie én van die SA Vereniging vir Hipertensie.
- Daarby het verskeie NWU-navorsers nasionale en internasionale toekennings ontvang.
- > 'n Akademikus van die **Fakulteit Handel en Administrasie** op die MAFIKENGKAMPUS is as een van die 49 mees talentvolle jong leiers in die land erken in die DHL Rising Star-toekennings.
 - > Drie akademici op dieselfde kampus het **nasionale toekennings** ontvang. Dit was vir Mees Invloedryke Vrou in Wetenskap in Suid-Afrika, die HELTASA-toekenning vir Uitstaande Onderrig/Leer, en die toekenning vir Internasionale Leierskap in Navorsing.
 - > 'n NNS-gegradeerde fisikus van die **Sentrum vir Ruimtenavorsing** op die POTCHEFSTROOMKAMPUS het 'n toekenning van die SA Akademie vir Wetenskap en Kuns ontvang en is lid van die SA Ruimteagentskap en die Space Science Expert Group.
 - > Twee navorsers van die **Eenheid vir Energiestelsels** het in 2013 die Beste Artikel-toekenning van die Suid-Afrikaanse Instituut vir Elektriese Ingenieurs ontvang en 'n derde is genomineer as 'n kategorie-finalis vir die Nasionale Forum vir Wetenskap en Tegnologie se BHP Billiton-toekennings.
 - > Twee navorsers van **WorkWell: Navorsingseenheid vir Ekonomiese en Bestuurswetenskappe** was onderskeidelik tweede en derde in die Departement van Wetenskap en Tegnologie se Jong Vroue in Wetenskap-toekennings.
 - > Die houer van die SARCHI-navor-singsleerstoel van **HART** is gekies as die

Academy of Sciences for the Developing World (TWAS) Young Affiliate 2013 deur die World Academy of Science en die African Academy of Science. Saam met 'n navorser van **Opvoedingswetenskappe** het sy ook die *Mail & Guardian* se lys van die top 200 Jong Suid-Afrikaners gehaal.

- > Die FARMOVS-toekenning van die SA Akademie vir Wetenskap en Kuns is toegeken aan 'n navorser van die **Sentrum van Uitnemendheid vir Farmaseutiese Wetenskappe**.
- > Die Intelligentie Vragsekuriteit en Sigbaarheidstelsel-projek in die **Skool vir Elektriese, Elektroniese en Rekenaaringenieurswese** het 'n toekenning van die Departement van Handel en Nywerheid gekry vir die beste THRIP-projek (afdeling: Gevorderde Hoë Tegnologie).
- > 'n Wetenskaplike in die **Skool vir Fisiese en Chemiese Wetenskappe** het die gesogte De Beers goue medalje gewen vir sy lewenslange bydrae tot fisika.
- > Die Navorsingsmedalje van die Opvoedkundevereniging van Suid-Afrika is toegeken aan 'n navorser in die **Skool vir Opvoedingswetenskappe** op die VAALDRIEHOEKKAMPUS.
- > 'n Akademikus van die **Skool vir Tale** op dieselfde kampus het die internasionale EST Young Scholar-toekenning 2013 van die Europese Vereniging vir Vertaalstudies ontvang.

> nasionale en internasionale samewerking

Die NWU het samewerkingsooreenkoms met verskeie instellings in Suid-Afrika en in die buiteland. Hier is voorbeeld van hoe ons ons kundigheid tot voordeel van ander implementeer:

- > Die dekaan van **Regte** op die MAFIKENG-KAMPUS is lid van die tegniese komitee wat die Zambiese Grondwet opstel. Saam met 'n kollega is hy ook betrokke by die SA Regshervormingskommissie.
- > Die **Sielkundededepartement** het ooreenkoms met verskeie gesondheidsdiensverskaffers in die Noordwes-provincie, insluitende die Bophelong-hospitaal, Sterkfontein Psigiaatriese Hospitaal, en 'n militêre hospitaal.
- > Akademici van die **Fakulteit Handel en Administrasie** het die Politegnikum van Namibië besoek om te werk aan 'n navorsingsprojek saam met die Sentrums van Oop en Lewenslange Leer en Samewerkende Onderwys.
- > **Kerningenieurswese** op die POTCHEFSTROOMKAMPUS het navorsings-ooreenkoms aangegaan met Texas A&M Universiteit en met die Koreaanse Atoomenergienavorsingsinstituut. Daarby het 'n nuwe navorsingsgroep in toriumkernbrandstowwe ook ooreenkoms met Texas A&M Universiteit en ESKOM aangegaan vir die opleiding van studente in kernbrandstoftegnologie.
- > Die Britse Farmakopee-kommissie het 'n navorser aangewys as lid van die Kundigheidsadviesgroep MC2 (Medisinal Chemikalieë) om hulle te adviseer. Hierdie navorser is verbonde aan die **Navorsingsinstituut vir Industriële Farmasie** (NIIF//RIIP"), waarby die Sentrum vir Kwaliteitsverzekering van Medisyne (CENQAM)® geïnkorporeer is.
- > Die **Sentrum van Uitnemendheid vir Voeding** ("CEN") op die Potchefstroomkampus het onlangs 'n projekkontrakter waarde van R1 500 000 gekry by die Verenigde Nasies se Kinderfonds. Dit behels 'n voldoeningsopname aan die Wêrelgesondheidsorganisasie se kode vir die bemarking van borsmelksubstitute in vier Suid-Afrikaanse provinsies.
- CEN is ook 'n navorsingsvennoot in die onlangs toegekende DWT/NNS se Sentrum van Uitnemendheid vir Voedselsekuriteit en het ook onlangs die eerste ekstern befondsde navorsingsleerstoel in Kliniese Voeding in Afrika tot stand gebring.
- > Die **Sentrum vir Bedryfswiskunde en Informatika** het ongeveer R4,8 miljoen oor verloop van drie jaar van die Departement van Wetenskap en Tegnologie ontvang vir navorsing oor finansiële risiko-ontleding.
- > Navorsers in die **Eenheid vir Omgewingswetenskappe en Bestuur** het R4,2 miljoen van die Vlaamse Regering ontvang vir 'n projek oor die volhoubare benutting en bestuur van akwatiese hulpbronne in Suid-Afrika.
- > Die DWT/NWU **Prekliniese Genesmiddelontwikkelingsplatform** is deel van die Switserland/SA bilaterale ooreenkoms oor gesondheid en die Indië/Brasilië/SA ooreenkoms oor nanowetenskap.
- > Die **Serious Games Institute – South Africa** op die VAALDRIEHOEKKAMPUS werk saam met die Europese Unie aan die ontwikkeling van 'n Mandela 27 Jaar-projek om interkulturele dialoog te bevorder in 'n medium waarmee jongmense vertroud is.
- > Internasionale samewerkende navorsing gedoen deur die Vlaamse Interuniversiteitsraad en **Optentia** fokus op die ervaring van werkloosheid in Suid-Afrika en intervensies om werkloses te help.
- > Die navorsingsnisarea **MUST** werk saam aan navorsingsinisiatiewe vir bedryfsreuse soos Google.
- > Die navorsingsdirekteur van **UPSET** is genooi om op die NNS se taakspan vir Betekenisvolle Internasionale Erkenning te dien.

navorsingsuitset

2010	2011	2012	2013
Totale geweegde navorsingsuitset-eenhede*			
1 318	1 483	1 793	2 237
NNS-gegradeerde navorser			
117	125	140	169

* Sluit navorsingsmeestersgrade, PhD's maal drie en publikasies in (insluitende 'n raming van boeke, konferensieverrigtinge-publikasies en artikels)

inkomste deur innovasie

Behalwe dat die NWU nasionale en internasionale erkenning ontvang, genereer die NWU se innovasie ook alternatiewe inkomstebonne. Patente en inkomste uit produkverkope genereer ongeveer R3 miljoen per jaar.

> Newemaatskappye

Die NWU gebruik die stigting van innoverende klein- en mediumgrootte newemaatskappye as deel van die kommersialiseringstrategie en hou ekwiteit in sommige van hulle.

Sedert die samesmelting in 2004 het die totale getal tegnologie-newemaatskappye van 15 tot 17 in 2013 toegeneem, waarvan 10 op daardie tydstip nog aktief was.

> Stel nuwe standaarde

Aangesien daar geen Suid-Afrikaanse present bestaan wat toepaslike marknorme vir die NWU se innovasiepoging voorsien nie, is die universiteit besig om sy eie teikens te ontwikkel wat op ervaring gebaseer is.

Norme sluit die getal patente in wat in Suid-Afrika en in die buiteland geregistreer is, die getal nuwe lisensie-ooreenkoms, die inkomste uit tantièmes en produkverkope, en die getal nuwe newemaatskappye, NWU-filiale en geassosieerde maatskappye.

► gemeenskapsverbintenis

Die NWU beskou die implementering van kundigheid as 'n uitbreiding van die kernaktiwiteit van die universiteit, met gemeenskapsverbintenis wat deel uitmaak daarvan.

Die universiteit skep dus geleenthede vir studente en personeel om hul kundigheid deur verskeie projekte in gemeenskappe te implementeer.

'n Deel van die aktiwiteite wat met die implementering van kundigheid te doen het, soos kortkursusse, konsultasie, dienslewering en tegnologieoordrag, genereer derdegeld-stroominkomste.

Die NWU was ook betrokke by verskeie gemeenskapsverbintenis-aktiwiteite wat tipies nie op winsbejag ingestel is nie. Hierdie aktiwiteite word deur personeel en studente uitgevoer om die gemeenskap op te hef, by hulle betrokke te wees en hulle te ontwikkel.

Dit wissel van ontwikkelingsverbintenis tot gemeenskapsdiensprojekte en die voorsiening van kundigheid op 'n vrywillige grondslag aan verskeie instansies.

projekte

Deur die NWU se talle gemeenskaps-verbintenisprojekte implementeer ons ons kundigheid op 'n innoverende wyse wat volhoubare verbetering vir die samelewing tot gevolg het.

Hier is enkele voorbeeld van hierdie projekte:

> Skep werk

Een van ons vlagskipprojekte is Mosaic Community Developments, 'n projek in Ikgeng, Potchefstroom. Die doel van hierdie organisasie sonder winsoogmerk is om werk te skep vir die pleegouers wat deelneem aan 'n program vir die versorging van wees-kinders wat deur MIV/Vigs geaffekteer is.

Die begunstigdes van die projek bou huise en maak 'n verskeidenheid produkte wat in Suid-Afrika verkoop word of uitgevoer word. Die projek bied ook voorskoolse en naskoolse ontspanningsfasilitete vir weeskinder.

> Berei leerders voor

Die Ikateleng-program is gemik op die voorbereiding van belowende graad 12-leerders vir hul matriekeksamen en die uitdagings van universiteitslewe.

Hierdie projek word by agt sentrums in vier provinsies aangebied, hoofsaaklik in gebiede rondom die drie kampusse. In 2013 was die gemiddelde slaagsyfer by die sentrums 94%, en is 326 onderskeidings behaal. Nog 'n projek wat op leerders gemik is, is die Winterskool op die Mafikengkampus, waar personeel en studente ook aanvullende onderrig aanbied.

> Bou vennootskappe met skole

Die Vennootskappe vir Hoop-inisiatief, in samewerking met die Noordwes Departement van Onderwys en die Kenneth Kaunda-distrik, ondersteun onderwys en onderwysers op verskeie maniere. Dit sluit in opleiding vir onderwysers, kantoorgebaseerde personeel en onderwysleiers.

> Berei studente voor

Die Ingenieursfakulteit op die NWU se Potchefstroomkampus het vier gemeenskapsverbintenisprojekte wat ontwerp is om die gereedheid te verbeter van studente wat ingeskryf is vir wetenskap-, ingenieurswese- en tegnologiestudies aan universiteite. Dit is die SETH Academy, Engenius Kids-program, die FabLab en die Kadetprogram.

> Sien om na kinders

Die Siyakhulisa-program vir Vroeë Kinderontwikkeling help vroeë-kinderontwikkeling-praktisyens in verskeie Vaaldrifhoek-woongebiede om hul sentrums meer

doeltreffend te bestuur. Die projek het al ongeveer 300 praktisyens en meer as 16 000 voorskoolse kinders bereik.

> Verskaf musiekonderrig

Die Musikhane-gemeenskapsprojek het sy debuut in 1994 gemaak, en leer talentvolle kinders om musiek te lees en instrumente te bespeel. Die projek bied aan hulle geleenthede om musiekksamens af te lê, by enssembles of jeugorkeste aan te sluit en te vorder tot by musiekstudies op universiteitsvlak.

> Maak meertalige leer moontlik

Die NWU se meertalige leesprojek en die Taaldirektoraat se tolkprojekte maak meer-taligheid moontlik deur jongmense in staat te stel om in hul eie moedertaal te leer.

> Voorsien water

Deur die Madibogo-projek op die Mafikengkampus lever 'n watersuiweringsstelsel gebaseer op nanotegnologie tot 10 000 liter gesuiwerde water per dag.

Dit maak 'n groot verskil in die lewens van 1 000 leerders en onderwysers by die Batlhaping Primary School in die dorpie Madibogo in die Noordwesprovincie, wat vantevore slegs toegang gehad het tot onbehandelde, gekontamineerde grondwater.

> Hef gemeenskappe op

Die Afrika-eenheid vir Transdissiplinêre Gesondheidsnavorsing (AUTHeR) op die Potchefstroomkampus het die FLAGH-program (Farm Labour and General Health) en die hoogs suksesvolle Holding Hands-gemeenskapsverbintenisprojek tot stand gebring.

Hierdie programme leer vroulike plaasarbeiders goeie eetgewoontes en hoe om inkomste te genereer deur naaldwerk en deur glasvoorwerpe te maak. Die oorspronklike groep van sewe naaldwerksters verdien tussen R1 200 en R6 000 per persoon per maand

deur bestellings vir hul produkte van kliënte regoor die land en het onlangs begin om hul produkte na België toe uit te voer.

> **Bied 'n lewenslyn**

Die Potchefstroomse Laboratorium vir Aangebore Metaboliese Defekte is 'n lewenslyn vir honderde kinders met aangebore metaboliese defekte. Dit verskaf die aanvanklike diagnostiese diens teen 'n markverwante prys, maar as 'n kind eers met 'n metaboliese defek gediagnoseer is, word alle daaropvolgende toetse vir die res van die pasiënt se lewe kosteloos gedoen.

> **Lei toekomstige sterre op**

Deur sy gemeenskapsverbintenisaktiwiteite het die Sokkerinstituut al meer as 2 000 kinders van minderbeoorregte gemeenskappe afgerig en dit vir 300 onderwysers moontlik gemaak om afrigters, skeidsregters en bestuurders te word.

> **Verskaf regsdienste**

Die Gemeenskapsregsentrum op die Mafikengkampus en die Regskliniek op die Potchefstroomkampus voorsien praktiese regopleiding aan kandidaatprokureurs en aan LLB-studente in hul finale jaar.

Hulle voorsien ook gratis regsdienste aan mense wat nie regadvies kan bekostig nie. Ander dienste sluit in kapasiteitsbouprogramme en programme op gemeenskapsradiostasies. 'n Eenheid vir kinderregte is ook tot stand gebring.

> **Sien om na diere**

Die Dieregesondheidsentrum op die Mafikengkampus verskaf primêre dieregesondheidsdienste aan mense wat nie veeartsenykundige dienste kan bekostig nie. Die sentrum het ook 'n projek wat daarop gemik is om veeboere te bemagtig met kennis van veeteelt en dieregesondheidsorg.

> **Verbeter psigologiese gesondheid**

Die Ipelegeng Kinder- en Gesinsentrum, ook op die Mafikengkampus, voorsien sielkundige konsultasiedienste aan lede van die gemeenskap. Sielkundestudente voorsien ook konsultasiedienste aan kankerpasiënte en hul gesinne.

> **Fasiliteer welstand**

Op die Vaaldriehoekkampus doen die Father a Nation-projek navorsing en help met die opleiding van toekomstige navorsers en gemeenskapsielkundiges. Die program fasiliteer gemeenskapswelstand.

> **Ondersteun gemeenskappe**

Deelnemers van die Skool vir Basiese Wetenskappe op die Vaaldriehoekkampus het navorsing gedoen om mechanismes te vind om leefbare en volhoubare gemeenskappe in die Emfuleni Plaaslike Munisipaliteit te skep.

> **Bevorder meertaligheid**

Verskeie gemeenskapsinisiatiewe onderlê die gees van die universiteit se funksionele meertaligheidsbeleid.

Voorbeeld van die inisiatiwe wat deur die NWU se Taaldirektoraat van stapel gestuur is, sluit in tolkdienste by twee skole en 'n drie talige leesprojek by vyf laerskole – medebefonds deur die Rotariërklub van Orkney.

Ander inisiatiwe sluit in die kortkursusse vir vertalers en gespesialiseerde vertaling (subtitels) wat aangebied word deur lede van die Vaaldriehoekkampus se Skool vir Tale.

SA Gebaretaal is ook in 2011 ingevoer as 'n volwaardige taalvak in die Skool vir Tale op die Potchefstroomkampus. Die Taaldirektoraat is verder ook betrokke by die opleiding van Gebaretaaltolke deur middel van kortkursusse wat gesamentlik deur die Institusionele Kantoor en DeafSA aangebied word.

> Bekamp MIV/Vigs

In die lig van die geweldige impak van die MIV/Vigs-pandemie op Suid-Afrika, beskou die universiteit die bekamping van MIV/Vigs as 'n prioriteit.

Studente op al drie kampusse is aktief betrokke by MIV/Vigs-bewusmaking onder die gemeenskappe. Hul aktiwiteite wissel van die aanbied van voorligtingswerkswinkels tot die reël van geleenthede soos antidiskriminasie-optogte, kersligweke en kondoomweke.

'n Akademikus van die NWU bring ook die boodskap dat daar hoop is in die stryd teen MIV/Vigs. Deur "God's answer to Aids" in Setswana te vertaal, het hy sedert 2002 al meer as 40 000 mense in Suid-Afrika en Botswana met sy boodskap bereik.

> Betrek studente

'n Belangrike deel van die studentelewe aan die NWU is die geleentheid om 'n bydrae tot die gemeenskap te lewer deur vrywilligersdiens.

Die geld wat tydens die jaarlikse Jool en ander projekte ingevorder word, word versprei onder gemeenskapsgebaseerde liefdadigheidsorganisasies of onder die NWU se akademiese personeel wat by gemeenskapsprojekte betrokke is.

Die Potchefstroomkampus is sedert 2006 die grootste geregistreerde studente-welsynsorganisasie ter wêrelde en het in 2012 die internasionale MacJannet-prys van die Taillores Network ontvang vir hul goeie werk en globale burgerskap.

In 2013 het hulle ongeveer R1,4 miljoen geskenk aan verdienstelike projekte en individue.

Die kampusse hou fondsinsamelingsfunksies soos gholf- en jazz-dae en fietswedrenne om te verseker dat behoeftige studente daagliks twee gebalanseerde etes ontvang.

Studente doen ook vrywillige gemeenskapsdiens by plaaslike kinderhuise, skuilings vir haweloses, ouetehuise en die DBV.



Yunibesiti ya Rona

Ka 1 Ferikgong 2004 Yunibesiti ya Bokone-Bophirima (YBB) e ne ya simolola semmuso go nna karolo ya leano le le atologileng la go fetola thuto e e kwa godimo, ka boikaelelo jwa go dirisa madi ka tshomarelo le go baakanya bothata jwa nako e e fetileng jwa go sa dirweng ga dilo ka go tshwana.

YBB ke setheo sa dikhamphase tse di farologaneng tse di dirang jaaka khamphase e le nngwe fela tse di leng mo diporofenseng tse pedi. Dikhamphase tseno ke khamphase ya Potchefstroom le ya Mafikeng kwa Bokone Bophirima le Khamphase ya Khutlotharo ya Lekwa kwa Gauteng. Ofisi ya Setheo (ofisi-kgolo) e kwa Potchefstroom gaufi thata le Khamphase ya Potchefstroom.

Mo dingwageng di le mmalwa tse di fetileng, YBB e ile ya akgolwa ke ditlamo tse di kwantle ka ntlha ya boeteledipele jwa yone mo ditirong tse di farologaneng.

Leinatshwao la kgwebo la Yunibesiti ya Bokone-Bophirima le na le dikarolo tse pedi, e leng letshwao la kerafo kgotsa letshwaoina – “dikeetane” tse di gokaganang le lefshwaofoko, leina la setheo – Yunibesiti ya Bokone-Bophirima.

“Dikeetane” tse tharo tse di gokaganang di tshwantshetsa kutlwano ya Yunibesiti ya Bokone-Bophirima mme mebala e meraro e tshwantshetsa dipharologano tsa methalethale tsa dikhampase tse tharo.

Kwa Yunibesiting ya Bokone-Bophirima, go kopana ga ditalente tse di tlhomologileng, bokgoni le ditshwanelego tsa baithuti le badiri ba rona ba ditso tse di farologaneng go dira gore gantsi re nne le dikopolo tse diša tsa go dira dilo.

Moano wa rona, Mokgwa o moša wa go dira dilo ka dipharologano, o gatelela ntlha eno.

E bontsha maikemisetso a Yunibesiti a go rata le go amogela ditso tse di farologaneng le go dirisa dipharologano tseno go gagamalela kitso le mekgwa e meša ya go dira dilo, go letla baithuti le badiri ba rona go nna se ba batlang go nna sone le go godisa moyo wa rona wa mekgwa e meša ya go dira dilo.

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