INTRODUCTION

The Faculty of Health Sciences directs its programmes and activities towards the pursuit of relevant knowledge and innovation in health sciences in order to promote and improve the health of the population of South Africa, Africa and the world via education, research, services and community involvement.

RELEVANT OUTCOMES OF PROGRAMMES

• Recognising the demands of the day, educate and form students scientifically and professionally so as to empower them to render quality services so that they may contribute towards promoting the health of mankind.
• Conducting relevant and high-quality research in order to contribute towards a scientific basis for the health sciences, as well as towards the promotion, innovation and enhancement of health sciences.
• Rendering services to the corporate and governmental sectors, as well as to other health care communities, and also being actively involved in the communities it serves by making available and applying its unique expertise, abilities and resources.

MISSION

The Faculty of Health Sciences is committed to make effective quality contributions to the promotion and improvement of the health of the population by means of high-quality and relevant educational programmes, outstanding research and appropriate services for the communities it serves.

FOUNDATION

• Several departments in health-related sciences (some having existed for more than 40 years) of the former Potchefstroom University for CHE, were merged into one Faculty of Health Sciences in 1998. All of them established excellent track records in education, research and services and continue to be acknowledged both in South Africa and abroad.
• The Faculty of Health Sciences consists of five schools that are responsible for the educational and services programmes, while six research focus groups are responsible for all the research programmes in the Faculty. Commercialised services are available in six units/institutes in the various schools.
• The Faculty is committed to active community involvement wherever possible.

MANAGEMENT STRUCTURES

Management in the Faculty is the responsibility of the executive dean with the directors of the five schools, the chairs of the committees for education and for research, heads of the services units. A faculty board approves and oversees all the activities of the Faculty.

Executive Dean: Contact number: 018 299 2224
Fax: 018 299 4014

Schools in the Faculty

• School of Biokinetics, Recreation and Sport Science
  Tel: 018 299 1795

• School of Pharmacy
  Tel: 018 299 2271
EDUCATIONAL PROGRAMMES

Undergraduate programmes
The Faculty at present offers undergraduate programmes that will give graduates entrance to the following occupations:

- Biokineticists
- Clinical Psychologists
- Consumer Scientists
- Dieticians
- Food Services Managers
- Kinderkineticists
- Nurses
- Occupational Hygiene Scientists
- Pharmacists
- Physiologists
- Psychological Counsellors
- Recreationists
- Social Workers
- Sports Scientists

Postgraduate Programmes
Postgraduate programmes are offered at the following levels for each of the undergraduate programmes:

- Honours (certain programmes only)
- Masters
- Doctorate

Visit the web site of the Faculty of Health Sciences for more details: www.nwu.ac.za/nwu/index.html

Off-Campus Educational Programmes
The Faculty offers outstanding courses on an off-campus basis, which means that students can study close to their workplaces or at home.

The School of Nursing offers the following qualifications as continued education for professional nurses:

A three year post-registration degree and four different post-registration advanced university diplomas in Health Sciences (one year each) at 35 study centres across South Africa.

The School of Pharmacy offers a BSc Honours degree in Pharmacology as a first-ever web-assisted course in the world for medical doctors, pharmacists and nurses.

Short Courses
Various short courses are registered (see web site). CPD courses are presented either on a distance basis or on campus. Other courses for general advanced education are also presented in some of the schools.
All the research efforts in the Faculty are focused in six entities to provide optimal quality in health sciences that will impact meaningfully on the outcomes of preventative and curative treatments:

**Africa Unit for Transdisciplinary Health Research (AUTHeR)**
Tel: 018 299 4037

This research area aims to promote, preserve and restore the physical and mental health and well-being of individuals, families and communities through relevant, multidisciplinary and integrated fundamental, clinical and epidemiological studies.

**Centre of Excellence for Nutrition (CEN)**
Tel: 018 299 4039

Postgraduate training and research in nutrition and dietetics are primary functions and the core business of the Centre of Excellence for Nutrition (CEN).
Public Health Nutrition problems are approached by researchers in this Centre through a holistic, coordinated research programme in which different aspects of these problems are examined from a molecular (genetic), clinical and societal level. The focus is on the nutrition transition and specifically on micro nutrients, child nutrition, lipids and haemostasis.

**Hypertension in Africa Research Team (HART)**

Tel: 018 299 2444

The HART group focuses on various aspects of cardiovascular functions in South Africa, ranging from cross-sectional studies in rural African populations to interventions or controlled trials in a clinical setup. By using state of the art research equipment and providing active training for postgraduate students during these projects, positive outcomes to the benefit of the communities are re-assured.

**Unit for Drug Research and Development**

Tel: 018 299 2274

This focus area aims to develop current knowledge and technologies so as to result in new scientific knowledge, products and technologies and apply them in the areas of pharmaceutical, medical and industry.

**Physical Activity, Sport and Recreation (PhASRec)**

Tel: 018 299 1791

The focus of PhASRec is primarily research and postgraduate training in physical activity, sport, recreation, physical education and coaching sciences. The central vision is to contribute through appropriate research and services to a more physical active and winning nation.

Sub-programmes will be Biokinetics, Kinderkinetics, Movement Education, Human Movement Science, Recreation and Adventure.

**Medicine Usage in South Africa (MUSA)**

Tel: 018 299 2288

Medicine Usage in South Africa focuses on the appropriate use of medicine by patients in both the public and private health care sectors in South Africa and factors that may influence the usage of medicine positively and negatively. MUSA is currently the only research entity in South Africa to focus in a holistic way on medicine usage on patient level in both the public and private health care sectors. This makes this research entity very unique and relevant in the context of the South African health care system which is facing serious challenges regarding the availability, affordability, accessibility and sustainability of health care services. It is foreseen that this research entity will provide valuable information, for health care policy makers, regarding medicine usage patterns and treatment cost in the different private and public health care sectors.
## COMMERCIALISED AND EXPERT SERVICES

The commercialised services within the various areas of expertise in the Faculty are in high demand. The commercialised and expert services include the following in the various schools:

<table>
<thead>
<tr>
<th>School/Unit</th>
<th>Name of Project</th>
<th>Impact/Service</th>
<th>Contact No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Biokinetics, Recreation and Sport Science</td>
<td>Physical Ability Assessment for Workers</td>
<td>Advancement of workers – identifying of safety systems.</td>
<td>018 299 1795</td>
</tr>
<tr>
<td>School of Biokinetics, Recreation and Sport Science</td>
<td>Centre for Kinderkinetics</td>
<td>Movement development programmes, movement therapy for children with special needs, health enhancing physical activity programmes for children.</td>
<td>018 299 1796</td>
</tr>
<tr>
<td>School of Biokinetics, Recreation and Sport Science</td>
<td>Institute for Biokinetics</td>
<td>Biokinetics therapy is provided for various indicated conditions and general fitness.</td>
<td>018 299 1801</td>
</tr>
<tr>
<td>School of Biokinetics, Recreation and Sport Science</td>
<td>Institute for Sport Science and Development</td>
<td>Provision of Sport Science support services to different levels of the sport continuum, talent identification services are provided to elite high performance sports people.</td>
<td>018 299 1811</td>
</tr>
<tr>
<td>School of Biokinetics, Recreation and Sport Science</td>
<td>High Performance Institute for Sport</td>
<td>Training of high-performance participants in athletics and other sports disciplines, focussing on both international and local athletes. Managed in strategic partnership between the SBRSS of the NWU and NW Academy of Sport.</td>
<td>018 299 4630</td>
</tr>
<tr>
<td>School of Biokinetics, Recreation and Sports Science</td>
<td>Niche Programme for Recreation and Adventure</td>
<td>Provision of recreation and adventure programmes to identify and develop leadership skills and experiential learning in communities.</td>
<td>018 299 1809</td>
</tr>
<tr>
<td>School of Pharmacy</td>
<td>RIIP (Research Institute for Industrial Pharmacy)</td>
<td>Performs quality and related testing of medicines for the pharmaceutical industry. Managed as ring-fenced Institute, forming part of the Pharmaceutical and Biomedical Services of the School of Pharmacy.</td>
<td>018 299 2271</td>
</tr>
<tr>
<td>School of Pharmacy</td>
<td>CENQAM: Centre for the Quality Assurance of Medicines</td>
<td>Performs quality and related testing of medicines for regulatory bodies Managed as a ring-fenced Institute, forming part of the Pharmaceutical and Biomedical Services of the School of Pharmacy.</td>
<td>018 299 2280</td>
</tr>
<tr>
<td>School of Pharmacy</td>
<td>PEPFAR (President’s Emergency Plan for AIDS Relief)</td>
<td>Multi-year project, feeding into RIIP and CENQAM. Performs quality screening of medicines and related quality assurance for PEPFAR.</td>
<td>018 299 2280</td>
</tr>
<tr>
<td>School of Pharmacy</td>
<td>ECEC (Unit for Cosmetic Efficacy Studies)</td>
<td>To verify efficacy claims regarding cosmetic products. Managed as ring-fenced Institute, forming part of the Pharmaceutical and Biomedical Services of the School of Pharmacy.</td>
<td>018 299 2280</td>
</tr>
<tr>
<td>School of Pharmacy</td>
<td>Bio-Cent (Centre for Bio-Equivalence Studies)</td>
<td>Phase I and phase II studies (include bio-availability and bio-equivalence studies).</td>
<td>018 299 2280</td>
</tr>
<tr>
<td>School of Pharmacy</td>
<td>Medicine Usage in South Africa (MUSA)</td>
<td>Pharmaco-economics, pharmaco-epidemiology, pharmaco-vigilance. Managed as a niche area within the School of Pharmacy.</td>
<td>018 299 2288</td>
</tr>
<tr>
<td>Unit for Drug Research and Development</td>
<td>Pheroid Pilot Plant</td>
<td>Manufacturing of pharmaceutical and cosmetic products, based on pheroid technology. Managed as a small production unit.</td>
<td>018 299 4015</td>
</tr>
<tr>
<td>School of Nursing Science</td>
<td>QIIP™ (Quality Improvement Intervention Programme)</td>
<td>Aims to improve intrapartum care and decrease maternal mortality rates.</td>
<td>018 299 2395</td>
</tr>
<tr>
<td>School of Psychosocial Behavioural Sciences</td>
<td>Institute for Psychotherapy and Counselling</td>
<td>Deliver psychotherapy to community.</td>
<td>018 299 1736</td>
</tr>
</tbody>
</table>
COMMUNITY INVOLVEMENT

The Faculty is actively involved in the communities it serves. As a Health Sciences Faculty, it is presented with many opportunities to help support and promote health in communities by education and research. Many clinics are visited, both to assist and support. Research projects are undertaken so as to have a direct impact on the lives of the community.

Involvement of the national and international communities ranges from staff members’ serving on/or and participating in national health professional boards, professional societies and state and semi-state health-related entities and activities.

An extended list of involvements are available on the web sites of the various schools in the Faculty.

STATISTICS OF THE FACULTY OF HEALTH SCIENCES

Student enrolment 2007

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate students</td>
<td>3186</td>
</tr>
<tr>
<td>Honours degrees</td>
<td>81</td>
</tr>
<tr>
<td>Master’s degrees (research)</td>
<td>254</td>
</tr>
<tr>
<td>Master’s degrees (coursework)</td>
<td>229</td>
</tr>
<tr>
<td>Doctorates</td>
<td>114</td>
</tr>
</tbody>
</table>

Staff (permanent)

- Academic: 139
- Non-academic: 93
- Part-time: 67

Research output

- Number of research articles published (in accredited journals): 100
- National Research Foundation-graded staff: 22

CONTACT NUMBERS FOR THE FACULTY OF HEALTH SCIENCES

All enquiries: 018 299 2224
Fax: 018 299 4014
Faculty web site: http://www.puk.ac.za/fakulteite/gesond/index_e.html
General NWU web site: www.nwu.ac.za/
A NEW generation UNIVERSITY

• The University who best promoted multilinguism and nation building in South Africa.

• The best governed University in South Africa.

• The most progressive technological and innovative University in South Africa.

• The University with the best researchers.
  *Descartes Award for research from the European Union, 2006.

Campuses in Potchefstroom, Vaal Triangle and Mafikeng