



# DEPARTMENT OF HUMAN MOVEMENT SCIENCE

## Introduction

The Department of Human Movement Science is the front-runner in providing education for the Human Movement Science students in the KwaDlangezwa campus and is the only university serving urban, peri-urban and rural areas within the field. The Department's main focus is to ensure that students develop the skills required to help them excel in their careers in the field and also be able to adjust in new trends as they develop.

## Vision & Mission

The Department embraces UNIZULU's vision and mission by aiming to produce graduates that are globally competent and competitive leaders in the field of health care. As a comprehensive university the Department also supports the national imperative of increasing health care professionals to the representative population by producing a larger cohort of black graduates from previously disadvantaged communities in the field of health care with a research component.

## History & General Overview

The Department of Human Movement Science at the University of Zululand was officially opened in 1988 in the Faculty of Education with the late Prof. Marius Coetsee acting as the first Head of Department. The initial focus was on teacher education. In the early 90's, an honours degree in Biokinetics was introduced. The honours degree in Biokinetics offered by the department is among the best in the country and has attracted a number of students from all over South Africa. In 1999, the department moved to the Faculty of Science and Agriculture. The change to the Faculty of Science and Agriculture enabled the department to offer career focused qualifications establishing strong links with other health sciences fields in the faculty.

## Programme Offerings

BSc Dual Major Degree

1. HMS & Physics
2. HMS & Biochem
3. HMS & Micro
4. HMS & Zoology

Sport & Ex Technology  
Diploma

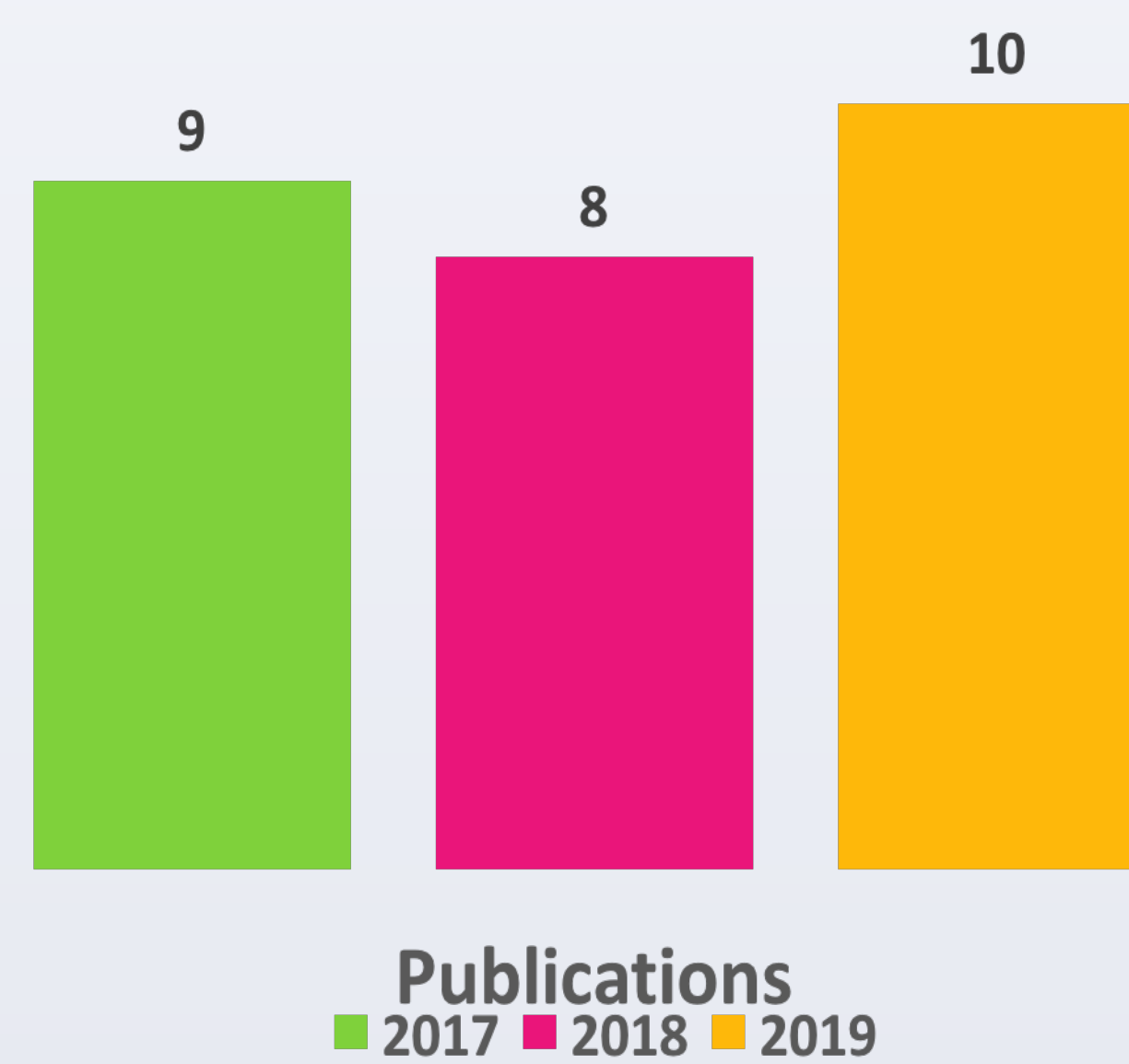
Hons (Biokinetics)

Masters

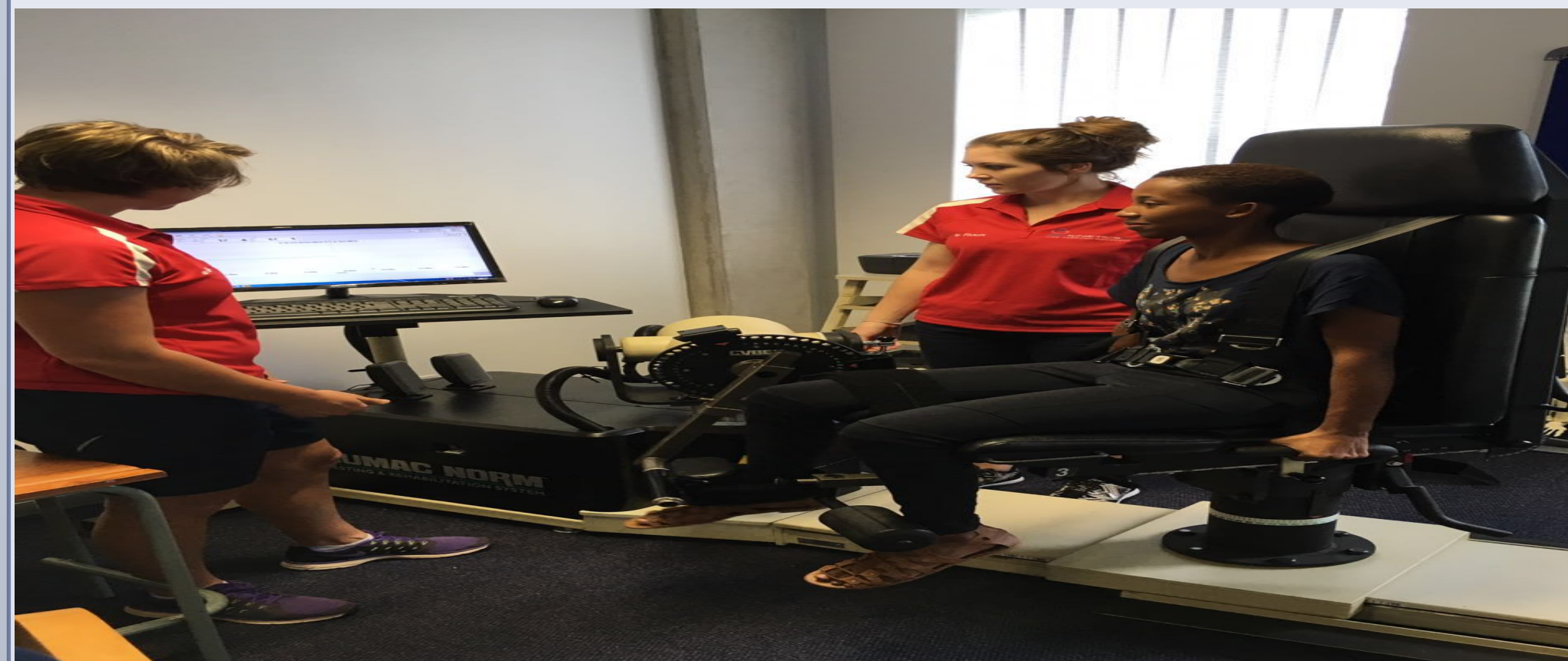
Doctorate

## Department Highlights

### 27 Publications (2017-2019)



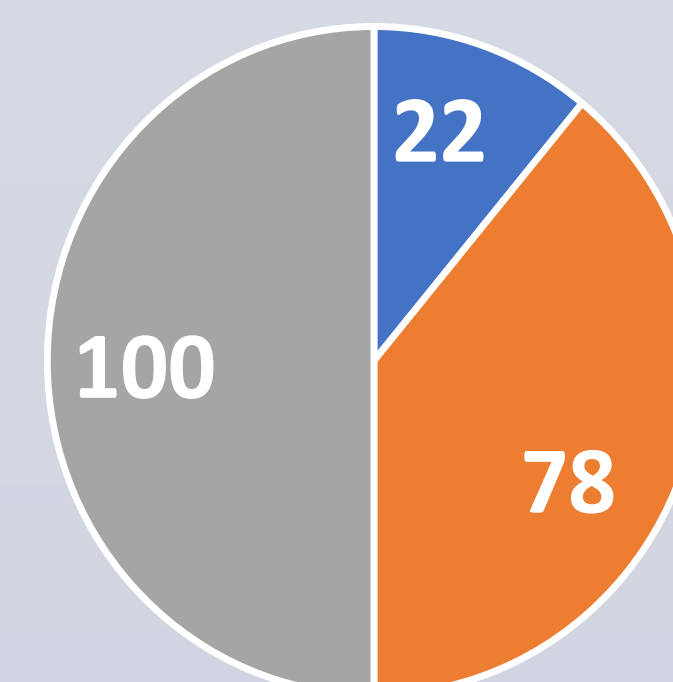
### State-of-the-Art Facilities



- **Laboratories:** General Lab; Kinanthropometry Lab; Field-test Lab; Perceptual Motor Lab; Isokinetic Lab
- **Gymnasium**
- **Resource Centre**
- **Postgraduate Work Room**

### Impressive Staff Profile

The Department prides itself with an incredible staff profile of 7 staff members with their PhDs. This staff profile marks the department among the best in the country that attracts a number of students from all over the world.



■ Profs

■ Staff with PhDs

■ Permanent Staff

## Collaborations

- 10 National Collaborations
- 16 International Collaborations
- 35 Journal Reviews
- 19 Editorial Boards
- National MoU's: Richards Bay Rugby Club, 9 Soccer Teams in Local League, 3 Local Internship Sites
- International MoU's: National University of Ukraine, Erasmus Mundus Association



### Proud Moment for HMS

In 2020, the Non-Communicable Disease Intervention Research Unit (NCDIRU) became a collaborating centre with the Asian Journal of Sports Medicine. Professors Ina and Brandon Shaw in the Department of HMS are both the directors of the NCDIRU.



Prof B Shaw & Prof I Shaw



**ASIAN JOURNAL OF SPORTS MEDICINE**  
Sports Medicine Research Center, Tehran University of Medical Sciences  
Collaboration Center is the University of Zululand

SIGN IN REGISTE

## Community Outreach Projects

Group Fitness Classes at KwaDlangezwa Gym
Cybox Tests on community soccer teams (Community Outreach Project)
Biomechanical Screenings on Netball players (Community Outreach Project)
Corporate Days at RBCT & Bell
Thomas More Long Walk
Hippo Marathon
Leomat Swim
Injury Screenings UNIZULU Rugby
EMG & Functional Movement Screenings on UNIZULU Body Builders
UNIZULU Wellness Days
Injury Rehabilitation (Community Outreach Project)
PRIME

