

SECTION C
RESEARCH ENVIRONMENT

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1	A.Prof	A	Bryer	UCT	E8 Neuerology Groote Schuur Hospital Observatory 7925 Cape Town	<p>Two of the researchers have doctoral degrees (Bryer & Asplund) and the third (Connor) has submitted his doctoral thesis.</p> <p>Technical Support Staff Ms.Nontuthu. Mvana – fieldworker for Khayelitsha, Site C Ms. N. Mpulapula – fieldworker for Khayelitsha, Site C Ms. Nellie Ngendane – fieldworker for Gugulethu Ms. Ntombomzi Ndamane – fieldworker for Gugulethu Ms. Joanne.M. Lucas – fieldworker for Mitchells Plain (Westridge, Lentegeur) Ms. Shaheida. Samsodien – fieldworker for Mitchells Plain (Woodlands, Rocklands, Colorado) Ms. Jacqueline Nicholson – fieldworker for Mitchells Plain , Heideveld, Mannenberg Ms. Lorraine Adams – fieldworker supervisor and fieldworker for Mitchells Plain Ms. S. Arnold – fieldworker for Heideveld Ms. Kim Engel – project co-ordinator based at UCT 2004/2005 Ms Zameka Ndzotya - project co-ordinator based at UCT 2005/2006 Ms. Janine Pheiffers Ms. Lucia Arenas Ms Cheryl Arends Ms Melinda Onverwacht Mr. Thembile Mangwane Ms Nobulele Mpetsheni Ms Nokuthula Kulati Ms Valerie Gwenshe</p>
2	Prof	ML	Channa	UKZN	School of Medical Science, Discipline Physiology, Westville Campus, Private Bag x54001, Durban , 4000.	<p>This fledgling research group has five members, three with PhD's and two who are enrolled for their Doctoral studies. The multidisciplinary team shares expertise in areas of micronutrients, antioxidant, genomic and molecular research pertaining to hypertension and the metabolic syndrome. We also have the services of a specialist in Physical chemistry and access to appropriate instrumentation on a “at cost” basis. Access to the University’s modern Biomedical Resource Centre for the breeding and housing of appropriate rodent and porcine animal models is also available at reasonable rates. Funding has been extremely limited and the group has realized that networking and collaborating within a larger research programme would be synergistic and enhance productivity. Current postgraduate projects, because of funding constraints, are geared at either B Med Sc Honours or Masters level. The group is confident that it has the experience and skills to participate in collaborative research at a national level & with greater access to resources would be enabled to both increase & enhance research capacity.</p>

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3	Dr	MA	Dhansay	MRC	Nutrition Invention Research Unit MRC PO Box 19070, Tygerberg 7505	The NIRU has a staff complement of 29 staff members: 1 Director, 1 Executive Secretary, 1 Chief Specialist Scientist, 1 Senior Specialist Scientist, 4 Specialist Scientists, 2 Senior Scientists, 1 Scientist, 3 Chief Research Technologist, 3 Senior Research Technologist, 1 Research Technologist, 4 Senior Research Technician, 4 Research Technicians, 1 Research Support Manager, 1 Chief Officer, 1 Cleaner. <i>Major Affiliations: National</i> - Agricultural Research Council, University of Pretoria, MRC units at the University of Cape Town, Interuniversity Cape Heart Research Group, Chronic Diseases of Lifestyle Research Unit, University of the Western Cape, Department of Health, WamTechnology CC, Stellenbosch, Departments of Chemical Pathology, Paediatrics, and Haematology at the University of Stellenbosch – Tyberberg Hospital, Genecare Molecular Genetics (Pty) Ltd. <i>International</i> - , World Health Organization, Belovo SA, Belgium
4	Dr	MF	Essop	MRC	Cape Heart Group - Hatter Institute, Chris Barnard Building, UCT Faculty of Health Sciences, Observatory, 7925	I am currently leading the metabolic research team at the Hatter Institute (UCT Faculty of Health Sciences). My team is currently collaborating with the following groups: a) Professor Amanda Lochner (University of Stellenbosch Medical School), b) Professor Heinrich Taegtmeier (University of Texas-Houston Medical School, USA), c) Professor William Stanley (Case Western Reserve University, USA), d) Dr. Martin Young (Baylor College of Medicine, USA), e) Professor Terje Larsen (University of Tromso, Norway). My team currently consists of a PhD student, an MSc student and two research assistants.
5	Dr	J	Goedecke	UCT / MRC	Research Unit for Exercise Science and Sports Medicine	1 PhD, 2 MSc and 1 Honours; Collaborations with Prof Tommy Ollson of Umea University, Sweden and Professors Seckl and Walker of University of Edinburgh, Scotland
6	Dr	EV	Lambert	UCT / MRC	Research Unit for Exercise Science and Sports Medicine	1 Director, 1 spec. sci., 2 res. assist., 9 research support staff, 1 Professor, 4 Associate Professors, 2 Senior Lecturers, 1 Senior Researcher, 6 Post-Doc. Fellows, 3 research technicians. 44 Masters Students and 16 PhD students
7	Prof	A	Lochner	U. Stell	Dept Biomedical Sciences Faculty of Health Sciences PO Box 19063 Tygerberg 7505	Our research group consists of the following people: A Lochner DSc, PhD (US) , B Huisamen PhD MRC , EF du Toit PhD (US) , JA Moolman MMed, PhD (US) . E Marais PhD (US) , H Strijdom MB ChB (US) , S Friedrich PhD (US) , D Dietrich PhD (UWC) , S Hattingh MSc (US) , R Salie MSc MRC , J Lopes MSc (US) , W Smith MSc (US) , I Webster MSc (US) , D v Vuuren B Hons US , J Fan B Hons (US) , S Perel B Hons (US) , Technical Support Staff: Me S Genade BSc (US) , Me A Genis BSc (US) , Me M Piek BSc (US) , S Alberts (US), Mr J Jacobs (US), Me S Carlini (US)
8	Dr	A	Madiehe	MRC	Diabetes Research Group	The Diabetes Research Group (DRG) is composed of seven (8) members: STAFF (4): 2 PhD scientists (1 Specialist scientist, 1 Senior scientist) 1 B.Tech (MTech registered; senior lab technologist) 1 Research technologist STUDENTS (4): 1 M.Sc. (registered PhD) 1 B.Sc. Hons. (registered MSc); 2 B.Sc. (B.Sc. Hons. registered)

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9	Prof	AD	Marais	MRC	Cardiovascular Research Group - Lipidology Group	The staff complement consists of 3 provincial government posts (Dr, Nurse, Lab Technician); 2 University posts (Secretary and lab assistant); and 12 Contract research posts (3 PhD, 2 BSc, 3 MBChB, 2 RN and 4 Diplomas). The research is based on clinical service creating series or individual opportunities. It is the only lipid clinic with a laboratory attached in South Africa, that is geared for work up. It has no posts dedicated to its purpose
10	Dr	B.	Mayosi	UCT	Department of Medicine	My research group collaborates with colleagues in almost all cardiology departments in South Africa, and with colleagues in the Cameroon, Nigeria, UK, USA and Australia
11		EM	Meintjes	UCT	MRC / UCT Medical Imaging Research Unit Dept of Human Biology, Faculty of Health Sciences, UCT, Observatory, 7925	The non-clinical UCT contributions to these studies have been conducted in the MRC/UCT Medical Imaging Research Unit, which is located in the Biomedical Engineering division of the Department of Human Biology at UCT. There are three biomedical engineers in this group, one physicist and one postdoc. The main contributions in the area of cardiac MRI from this group have been the work of one PhD student and one MSc student. The clinical aspects of the projects have been steered and supervised by Prof Bongani Mayosi in the Department of Medicine, UCT.
12	Prof	PS	Mntla	University of Limpopo Medunsa Campus	Department of Cardiology PO Box 54 MEDUNSA, 0204 South Africa	<p>Department of Human Physiology, University of Limpopo. Medunsa Campus</p> <p>Research Group</p> <p>Prof L. Hay, PhD Physiology (MEDUNSA)</p> <p>Prof P Schutte, PhD Physiology</p> <p>Dr N Allers, PhD Didactics (PU for CHE)</p> <p>Dr L Bohmer, PhD Biochem (UP)</p> <p>Dr A Mogale, PhD Biochem (MEDUNSA)</p> <p>Ms S. du Plooy, MSc Physiology (MEDUNSA)</p> <p>Ms D Correira, BSc Hons Physiology (MEDUNSA)</p> <p>Ms M Kamele BSc Hons Physiology (MEDUNSA)</p> <p>Mr N Thantsha, BSc Hons Physiology (UNIN)</p> <p>Research Area</p> <p>The main focus of the departmental research is finding scientific evidence for the use of medicinal plants and to establish the mechanism of action of these plants mainly in cardiovascular disease. The role of medicinal plants in the possible treatment of diabetes mellitus is also currently being explored</p>
13	Dr	N.	Morojele	MRC	Alcohol and drug abuse research Private Bag X385 Pretoria 0001	The primary research group consists of four researchers based at New York University, in New York (USA) and three researchers at the Medical Research Council in South Africa. The research group also included approximately 25 fieldworkers during the period of data collection and approximately three fieldwork supervisors. The household survey was conducted by the Community Agency for Social Enquiry in Johannesburg in 2003 and the Alcohol and Drug Abuse Research Unit in Pretoria in 2004. The research group consists of six people with doctoral degrees (two in South Africa and four in USA) and one with a Master's degree in South Africa.

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14	Prof	S	Naicker,	U. Wits	Division of Nephrology, Johannesburg Hospital-Area 551, 7 York Rd, Parktown 2193	Division of Nephrology- Wits University, Johannesburg PhD: Professor S Naicker MSc: Mrs M Martins (Medical Scientist) MMed: Dr S Wadee Affiliations Internal Medicine, Cardiology, Endocrinology, HIV Medicine International Society of Nephrology
15	A.Prof	G	Norton	U. Wits	Cardiovascular Pathophysiology and Genomics Research Unit, School of Physiology, University of the Witwatersrand Medical School, 7 York Road, Parktown, Johannesburg	<i>Staff</i> Gavin Norton (Director) Associate Professor. Angela Woodiwiss (Co-Director) Associate Professor. Oleg Osadchii (Research Fellow presently in the UK). Dr Pinhas Sareli (Honorary Research Fellow). Dr. Siyanda Makaula (Lecturer) Dr. Richard Brooksbank. (Lecturer). Danelle Badenhorst. (Associate Lecturer). Harold Majane. (Associate Lecturer). Muzi Maseko. (Senior Tutor). Mthuthuzeli Kiviet. (Research Technician-Field Worker). Sr Nomonde Molebatsi (Research Technician allocated 50% time from the School) Mrs Nkele Maseko (Field Worker-employed on a half day contract post). Ernest Somya (Research Technician allocated 50% time from the School) <i>Postgraduate students</i> Harold Majane (PhD), Danelle Badenhorst (PhD), Demetri Veliotis (PhD), Elena Libhaber (PhD), Carla Beukes (MSc), Muzi Maseko (MSc), Leanda Vengethesamy (MSc), Mark Gibbs (MSc), Christopher Anamourlis (MSc), Raul Correia (MSc), Tlangelani Maswanganyi (MSc-registered from 2007), Neil Sookoo (MSc-registered from 2007), Carmella Mielke (MSc-registered from 2007).
16	Prof	LH	Opie	UCT	Cape Heart Group - Hatter Institute, Chris Barnard Building, UCT Faculty of Health Sciences, Observatory, 7925	Size of research group: 4 project leaders No. of PhD Degrees: 6; No. of Masters degrees: 5 No of technical support staff: 2
17	Prof	T	Puoane	UWC		1 PhD candidate - Zandile Mciza and 1 MPH candidate - Lungiswa Tsolekile

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18	Prof	F.	Raal	U. Wits	Division of Endocrinology & Metabolism, Department of Medicine, Johannesburg Hospital.	<p>Core Members: Prof F J Raal, Dr L Ntyintyane, Sr G Pilcher, Sr A Raal, Sr H Thurling</p> <p>Intermittent Participants: Prof J Wing, Dr S Brown, Dr J Paiker, Mr A R Immelman</p> <p>Honorary Members: Prof B I Joffe</p> <p>Collaboration within the University:</p> <p>Dr N H Naran - Department of Molecular Medicine & Haematology, School of Pathology of the National Health Laboratory Services (NHLS)</p> <p>D Glencross, D Lawrie, L Coetzee - Department of Haematology, University of the Witwatersrand and NHLS</p> <p>Z Holland, U Oliphant - Division of Ultrasonography, Department of Radiology, Johannesburg Hospital</p> <p>Prof N Crowther, Dr J Paiker, Dr C van Niekerk - Department of Chemical Pathology, NHLS</p> <p>Prof E Song - Division of Hepatology, Department of Medicine, University of the Witwatersrand</p> <p>Collaboration outside the University, within South Africa</p> <p>Professor A D Marais - Lipidology Division, University of Cape Town Health Sciences Faculty</p> <p>Professor J Jerling - Potchefstroom School of Nutrition</p> <p>Professor W Oosthuizen - Potchefstroom University</p> <p>Collaboration outside the University, Internationally</p> <p>Dr R Illingworth - Oregon Health Services, University of A A Pappu Portland, Oregon, USA</p> <p>Dr Evan Stein - Metabolic and Atherosclerosis Research Centre, Cincinnati, Ohio</p> <p>Dr B Brewer - National Institute of Health, Bethesda,</p> <p>Dr B Shamburek - Washington, USA</p> <p>Dr C Ballantyne - Baylor College of Medicine,</p> <p>Dr W Huaizhu - Houston, Texas, USA</p> <p>POSTGRADUATE STUDENTS CURRENTLY REGISTERED</p> <p>3 PhD - Prof J Wing, Dr J Paiker, Dr L Ntyintyane</p> <p>3 MSc - Sr D Taylor, Mrs Z Holland, A Ramjeeth</p> <p>1 MMed - Dr C Menezes</p>
19	Prof	B	Rayner	UCT	Division of Hypertension, E13 Groote Schuur Hospital, Observatory 7925	

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20	Prof.	P.	Rheeder	U Pretoria	Division of Clinical Epidemiology, University of Pretoria, P.O.Box 667, Pretoria 0001	Our research group consists of two specialist physicians (with two more joining in 2007), Dr Tanya van Rooyen (PhD) from Dept Physiotherapy, Mrs De Villiers Dept Human Nutrition, Elize Webb (MPH) , an epidemiologist from the School of Public Health. The two specialist physicians are also trained in clinical epidemiology and biostatistics. Prof Rheeder (PhD) is the head of the division of Clinical Epidemiology , Faculty of Health Sciences, UP. His department has one research assistant (Dr Duim Beytell, MSc Clin Epi), that is exclusively involved in vascular evaluation (currently IMT evaluation of carotid and femoral arteries of subjects with diabetes). The research team also has two doctors from the Dept of Radiology (Drs Abdullah and Dandler) that do the carotid intima media measurements. We have a fully equipped vascular lab that can do intima media measurements, pulse wave velocity analysis as well as ankle brachial index measurements (duplex doppler). The Division of Clinical Epidemiology is responsible for the MSc Clinical Epidemiology program in the School of Health Systems and Public Health and has approx
21	Prof	AE	Schutte	NWU	School for Physiology, Nutrition and Consumer Sciences North-West Univ. Private Bag X6001 Potchefstroom 2520	Our research group (Cardiovascular Physiology Research Group) is nested within the newly established African Unit for Transdisciplinary HEalth Research (AUTHeR) of which Prof. Esté Vorster is the Director. Within AUTHeR various disciplines (including Nutrition, Physiology, Psychology, Biokinetics, Biochemistry, Center for Genome Research) collaborate in some research projects, whereas other studies are being conducted within each discipline. I am only going to provide the details of the Cardiovascular Physiology Research Group, even though we sometimes collaborate with other disciplines within our University. Doctoral degrees: Prof. NT Malan, Prof. JM van Rooyen, Dr. HW Huisman, Prof. AE Schutte, Dr. R Schutte, Dr. L Malan Masters degrees: Mrs. CMT Fourie Technical support staff: Mrs. T Scholtz

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22	Prof.	K	Sliwa	U. Wits	Soweto Cardiovascular Research Unit Dept. of Cardiology CH Baragwanath Hospital PO Bertsham 2013 Johannesburg	<p>In the past 2 years, as evidence of my commitment to research capacity development I established a research unit in Soweto, Johannesburg from 0 to 12 staff members in 2003-2006, though local staff training and capacity development (see below). As such, I am one of the very few clinicians to have 8 doctors actively engaged in post graduate studies at the University of the Witwatersrand. Moreover, in collaboration with Professors Stewart and Wilkinson, from the University of Queensland (both of whom have Visiting Professor status at the University of the Witwatersrand) I am currently developing the capacity of a multidisciplinary team of junior researchers in South Africa to undertake a broad range of research activities surrounding a major project – the Heart of Soweto Study. It is within this context that I have managed to attract significant funding from the University of the Witwatersrand and in form of unconditional research grants from the pharmaceutical industry (more than 1 Million Rand for 2006, about 2 Million of 2007 so far).</p> <p>In recognition of the my efforts in this regard (particularly in relation to patients with heart failure ar As the Director of this unit I have been responsible for building international research links with wo I am also involved in the planning (steering committee) of the INTERHEART II study and HOPE-3 Prof. S. Naicker- University of the Witwatersrand</p>
23	Prof	FE	Smit	Universitas Hospital	Dept Cardiothoracic Surgery, Francois Retief Building Bloemfontein	<p>All the research within the Faculty of Health Sciences, department Cardiothoracic surgery UFS is conducted in collaboration with the Central University of Technology, Free State. Within the department we have a vast amount of collaborators both locally and internationally. 7 Full time Research Personnel from CTS and CUT. 6 Part-time Research Personnel from CTS Local Collaborators: Prof C Beukes (Anatomical Pathology), Prof D Litthauer (Biochemistry), Prof J Swarts (Chemistry), Dr H van Wyk (Chemical Pathology), Prof J Diedericks (Anaesthesiology), Prof D Marx (Cardiology), Dr FJ Potgieter (Exp Animal Unit), Prof Badenhorst (Haematology), Prof JBC Botha (Forensic medicine), Prof R Barry (Vascular surgery), Dr M Makotoko (Cardiology) International Collaborators: Prof D Wheatley (Glasgow, Scotland), Prof RK Frater (Albert Einstein, NY), Prof WML Neethling (Fremantle, AUS), Prof P Goldstaw (Royal Brompton, London) Master and Doctorate degrees:The research is mainly conducted under three supervisors:Prof FE Smit, Prof E v/d Heever-Kriek, Dr L Botes We have enrolled the following 5 master and 4 doctorate degrees for 2006/2007: Master degrees</p>
24	Dr	NP	Steyn	MRC	Chronic Diseases of Lifestyle Unit	The CDL Unit is comprised of 6 Scientists, 2 PhD Interns, 1Masters Intern and 2 Research Technologists
25	Dr	AJ	van Rooijen	U Pretoria	Depts of Physiotherapy, Dietetics and Clinical Epidemiology	

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26	Prof	P	Zilla	UCT	Cape Heart Group- Cardiovascular Research Unit, Chris Barnard Building, UCT Faculty of Health Sciences, Observatory, 7925	3 Group Leaders, 1 senior scientist, 6 technical staff, 4 PhD students, 4 MSC students