

# News Report

2009






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2009



Centre for Health Systems Research & Development  
Sentrum vir Gesondheidsisteemnavorsing en Ontwikkeling



“Forging strategic partnerships provide information that may improve the functioning of the health system and ultimately, lead to improved health status.”

## The year 2009 in retrospect

Our ongoing efforts to produce high-quality health systems research and development (R&D) work were again fruitful in 2009. Strengthening existing partnerships and building new partnerships are fundamental to the type of work done at the Centre for Health Systems Research & Development (CHSR&D). We acknowledge all those individuals and organisations who have contributed towards fulfilling this objective in 2009 - both from within and beyond our Centre. As always when viewing the year in retrospect, we need to firstly recognise our continuing collaboration with the Free State Department of Health (FSDoH) as a key factor in the success of the work of the CHSR&D.

In 2009 our ongoing inter-institutional partnerships, particularly with the Department of Sociology at the University of Antwerp, have been especially productive in terms of the publication of articles in high-impact journals. Strategic partnerships with the international donor community have been equally rewarding. A highlight of the year was securing renewed funding from the European Union (EU) for the Effective AIDS treatment and support in the Free State (FEATS) study which aims to present a broader view of treatment success, and develop a more comprehensive model of the determinants of treatment success, aspires to understand the nature of the links between treatment and prevention. The CHSR&D embarked on a process to gain approval from the Centers for Disease Control and Prevention (CDC) for a public health evaluation (PHE) of three training interventions to better equip frontline TB and HIV/AIDS service providers so as to increase the uptake of HIV testing by TB patients. Fieldwork was completed for the multi-country PMTCT Effectiveness in Africa: Research and Linkages to Care (PEARL) study, which, funded by the CDC, aims to determine the effectiveness of prevention of mother-to-child transmission of HIV (PMTCT) in four African countries, of which South Africa is one.

Both ongoing and new inter-institutional partnerships spawned a number of new projects. Our ongoing partnership with the University of British Columbia resulted in a collaborative protocol to assess the application of a state-of-the-art information system to be used in occupational health in the Free State. We further embarked on a new project with the Centre for Health Policy (University of the Witwatersrand), entitled Research on the state of nursing in South Africa (RESON). Here the CHSR&D is investigating the CAM (casualisation, agency nursing and moonlighting) component in the Free State.

While we at the Centre regret having lost Francois Steyn to another institution, we are nevertheless pleased that he has agreed to continue collaborating with us as a Senior Research Associate. We sincerely thank Francois for the capable and responsible manner in which he performed his duties as Acting Director of the Centre between 1 November 2007 and 31 July 2009. Pending the appointment of a new director, Prof Christo Heunis has since taken over as Acting Director.

We should further like to thank the staff of the CHSR&D, our research partners and funders for helping to make 2009 a productive year in the field of health systems research. Finally, we thank Anja Pienaar and André Janse van Rensburg for compiling News Report 2009.

July 2010  
Bloemfontein

Dingie van Rensburg, Director  
Christo Heunis, Acting Director



# The Centre for Health Systems Research & Development

## Background

The CHSR&D was established at the UFS in 1993. Its activities are a continuation of a rich tradition of research and training in medical sociology/sociology of health and health care in the Department of Sociology. Founded specifically to address the need for social-scientific and operational research and related skills in the field of health and health care, the CHSR&D has displayed constant growth and expansion in terms of staffing, projects, the scope and diversity of R&D activities, and financial standing. After sixteen years of successful operation, the Centre - amid ever-widening local, national and international research collaborations and partnerships - has commendable experience and expertise in a number of fields of study and methodological approaches.



# Mission and goals

The CHSR&D is committed to efficiency, equity and equality in health and health care. It strives to contribute constructively towards optimising health services and the health of the people of South and southern Africa. The main goals of the Centre are to:

- ◆ Meet the need for social-scientific R&D skills in the field of health and health care.
- ◆ Generate and disseminate research findings and information in respect of health and health care.
- ◆ Assist in developing and restructuring health systems with a view to enhancing equity, equality, effectiveness and efficiency.
- ◆ Empower staff, students, clients and beneficiary groups through active involvement in R&D activities.
- ◆ Provide a platform for training and to expand expertise in the spheres of health systems R&D.

## Nature and scope of work

Within the framework of the said broad goals, the CHSR&D perceives its role as being both to generate scientific knowledge and to act upon the prevailing policy, information and development needs in the health systems of the Free State Province and that of South Africa. The focus areas and activities of the Centre comprise eight main programmes, namely:

- ◆ HIV/AIDS/STIs, antiretroviral treatment, care and support, HIV counselling and testing, sexuality and reproductive health.
- ◆ Tuberculosis control and TB-HIV programme integration.
- ◆ Health information systems, health surveys and environmental profiling.
- ◆ Health systems research development.
- ◆ District health system development.
- ◆ Health economics.
- ◆ Health policy, legislation and human rights.
- ◆ Health management and development.

# CHSR&D staff members



*Prof H CJ van Rensburg*  
-Director



*Francois Steyn*  
-Acting Director (until 30/09/09)  
-Research Associate (from 01/08/09)



*Prof Christo Heunis*  
-Associate Professor  
-Acting Director (from 01/08/09)



*Prof Frikkie Booyen*  
-Senior Researcher (Until 31/07/09)



*Dr. Michelle Engelbrecht*  
-Senior Researcher



*Dr. Katinka de Wet*  
-Post-doctoral student



*Gladys Kigozi*  
-Junior Researcher



*Mosilo Machere*  
-Junior Researcher



*Anja Pienaar*  
-Junior Researcher



*André Janse van Rensburg*  
-Junior Researcher



*Hannes van Biljon*  
-Data Manager (until 31 May 2009)



*Belinda Jacobs*  
-Senior Officer



*Theresa Neuhoff*  
-Data Capturer



*Bridget Smit*  
-Officer



*Jo-Ann Lebaka*  
-Assistant Officer



# The CHSR&D is committed to efficiency, equity and equality in health and health care.



## Events in 2009

- ◆ Two completed projects
- ◆ Four ongoing projects
- ◆ One new project
- ◆ Eleven scientific journal articles
- ◆ Two volumes/chapters in books
- ◆ One published research report
- ◆ Eighteen international conference presentations
- ◆ Eleven national/local conference presentations
- ◆ Eight staff development initiatives
- ◆ Twelve visitors from institutions abroad
- ◆ One visit to institutions abroad
- ◆ Five visitors from national institutions



*Dr Edwin Wouters  
-Research Associate*

## New staff appointments

Dr Edwin Wouters was granted a three-year appointment as Research Associate.



*Francois Steyn  
-Acting Director | Research Associate*



*Nandi Jacobs  
-Researcher*

## Staff departures

Francois Steyn resigned as Acting Director and Researcher. He accepted a lecturing position at the Department of Social Work and Criminology, University of Pretoria. Francois however stays on as a Research Associate with the CHSR&D. Prof Frikkie Booysen, Nandipha Jacobs, Michele Pappin and Hannes van Biljon ended their terms as staff members.



*Prof Frikkie Booysen  
-Senior Researcher*



*Michele Pappin  
-Junior Researcher*

## Staff achievements, awards and grants

- ◆ Prof Christo Heunis was appointed as Acting Director.
- ◆ Gladys Kigozi won the first prize for the best presentation at the South Africa TB Training (SATBAT) Meeting, Cape Town.
- ◆ Belinda Jacobs was promoted to Senior Officer.
- ◆ Theresa Neuhoff was promoted to Senior Assistant Officer.
- ◆ Nandipha Jacobs and Michele Pappin were each awarded a three-year, full-time PhD scholarship from Health Economics and AIDS Research Division (HEARD) at the University of KwaZulu-Natal (2009-2012).



*Prof Christo Heunis  
-Associate Professor & Acting Director*



*Gladys Kigozi  
-Junior Researcher*



*Belinda Jacobs  
-Senior Officer*



*Theresa Neuhoff  
-Data Capturer*



## Completed projects

### Community care workers in South Africa: local practices and case studies from nine provinces

#### Project leader

Prof Helen Schneider (School of Public Health and Family Medicine, University of Cape Town)

#### School of Public Health and Family Medicine staff

Dr Chris Colvin, Dr Ermien van Pletzen

#### CHSR&D staff

Dr Katinka de Wet, Mosilo Machere, Belinda Jacobs

#### Background and aims

An initiative of the School of Public Health and Family Medicine (UCT), this project aimed to gain a more textured understanding of community care workers' (CCWs) 'lived realities'. The final report was compiled by means of a rapid appraisal that pooled the insights of knowledgeable practitioners and/or researchers into nine local case studies (one per province) across the country.

Specific aims included to:

- ◆ Ascertain the manner in which home- and community-based care (HCBC) activities are organised locally (in the different South African provinces).
- ◆ Gauge the nature of the non-profit organisation (NPO) environment relating to this cadre of workers.
- ◆ Determine the relationships with formal-sector providers and government authorities.
- ◆ Identify the different ways in which CCWs are deployed, recruited, trained, and managed.

#### Research strategy and progress

A case-study approach was followed and the various authors were approached on the basis of their in-depth knowledge of a particular geographic area. They completed a questionnaire and attended a one-day meeting (Cape Town, 18 September 2009) to discuss and compare findings. The questionnaire addressed the following themes:

- ◆ CCWs' roles and practices.
- ◆ The management and supervision of CCWs.
- ◆ Local actors' (including users') perceptions of and experiences regarding lay work.
- ◆ The numbers and types of non-profit organisations and CCWs in the area.

Follow-up site visits and interviews were conducted in two subdistricts (Bushbuckridge and Khayelitsha) by members of the core research team, thus allowing for more in-depth evaluations of certain domains.

The goal of the assessment was not so much to be representative, as it was to generate ideas across a range of experiences, histories and contexts about: what was happening 'on the ground'; where the similarities and the differences lay, and also what could possibly account for these; where the successes, the challenges and the opportunities were; and, what the policy priorities and the key gaps in knowledge were. Given that the development of the Community Care Worker Management Policy Framework (Draft Version 6.0) is currently in circulation, the aforementioned aspects were particularly relevant.

The case studies served to emphasise both the significance and the complexity of community care work and of home- and community-based care. CCWs are implicated in dense local networks of governance and accountability involving not only several government departments, but also their employing NPO, other NPOs, and donors. Specifically, the appraisal shed some light on a diverse and uneven NPO sector, one which is often overlooked in debates and discussions on CCWs and which remains poorly supported, fragmented and precarious. In its present configuration, it still lacks the capacity to deliver on the essential managerial, training and mediating tasks required to ensure that CCWs and HCBCs contribute meaningfully to the broader social goals of expanding access and promoting equity. At the same time, the growth and expansion of NPOs have produced important new arenas of power and interest at the local level. These local contexts become characterised either by cooperation between actors or by competition and conflicts of interest, value systems



and ideologies of care - all of which powerfully shape the ability of CCWs to respond to health and other needs 'on the ground'.

Findings show that having to depend on CCWs to manage the treatment and the care needs of the millions of South Africans with HIV or TB (not to mention the many other needs serviced by CCWs) makes it imperative for the public health system to succeed at policy and programme development. Handled effectively, CCWs could become even more important in responding to the urgent health needs of South Africans; handled poorly, they could become either a burden that weighs down an already struggling health system or even merely a temporary smokescreen to disguise collapsing services.

**Funding:** HLSP, Department for International Development (DfID)

## PMTCT Effectiveness in Africa: Research and Linkages to Care (PEARL)

### Project leader

Dr David Coetzee (Infectious Disease Epidemiology Unit [IDEU], University of Cape Town)

### IDEU staff

Kathryn Stinson

### CHSR&D staff

Dr Michelle Engelbrecht, André Janse van Rensburg, Mosilo Machere, Belinda Jacobs, Hannes van Biljon, Theresa Neuhoff, Jo-Ann Lebaka, Corrie Le Roux

## Background and aims

The Centre for Infectious Disease Research in Zambia (CIDRZ) oversaw the overall implementation of the PEARL study in four African countries – Ivory Coast, Cameroon, Zambia and South Africa. In South Africa, the study was conducted in the Western Cape (co-ordinated by the IDEU, which supervised the project in South Africa) and in the Free State (co-ordinated by the CHSR&D). The overall purpose of the study was to determine the effectiveness of the programme regarding the prevention of mother-to-child transmission of HIV (PMTCT). The research comprised three components: (1) cord blood surveillance (completed); (2) a survey of facilities providing antenatal care; and (3) a community survey.

## Research strategy and progress

During 2009, facility and community surveys were conducted in the Thabo Mofutsanyana and Motheo Districts. Fieldwork was conducted not only at 13 facilities providing antenatal care, but also in the community itself among women with children younger than two years. The facility survey comprised the following activities at each of the facilities: clinically observing six antenatal-care patients; conducting exit interviews with antenatal patients; completing a checklist by observing infrastructure, equipment, drugs and supplies; interviewing health care workers; reviewing the records of antenatal patients; and, collecting aggregated antenatal-care information. Data were collected by two junior researchers, one each from UCT and the CHSR&D. All data were submitted to CIDRZ for analysis.

While the actual community survey was conducted by Progressus Research and Development Consultancy, the CHSR&D was responsible for quality control. Women (n=1 652) with children younger than two years (either alive or deceased) (n=1 264) and any siblings under five years (n=179) were eligible for inclusion in the study. Informed consent was obtained and a series of questionnaires completed: (1) a household questionnaire aimed at determining the socio-economic status of the family; (2) a woman questionnaire gathering information on the social and economic conditions likely both to influence access to PMTCT and to affect child survival; (3) a child questionnaire seeking information on the type of delivery, any medications given around birth, birth weight and utilisation of child health services; and (4) a verbal autopsy in the case of deceased children under two years of age and/or their mothers to determine whether the cause of death was HIV/AIDS-related or not. In addition, blood samples were taken from all consenting participants by qualified nurses. Blood samples were transported daily to the Department of Medical Microbiology at the University of the Free State. The rapid HIV test was used to determine HIV status and all the positive samples were sent to BARC Laboratory in Johannesburg for CD4 counts. All questionnaires were edited, electronically captured and then submitted to the CIDRZ for analysis.

**Funding:** Centers for Disease Control and Prevention (CDC)

# Ongoing projects

## Effective AIDS treatment and support in the Free State (FEATS)

### Project leaders

Prof Frikkie Booysen (CHSR&D and Department of Economics, UFS), Dr Damien de Walque (The World Bank), Dr Mead Over (Center for Global Development)

### Principal investigators

Prof Alok Bhargava (Department of Economics, University of Houston), Dr Marianne Reid (School of Nursing, UFS), Dr Corinna Walsh (Department of Human Nutrition, UFS)

### CHSR&D staff

Dr Katinka de Wet, Dr Michelle Engelbrecht, Francois Steyn, Nandipha Jacobs, Michele Pappin, Anja Pienaar, Mosilo Machere, Bridget Smit, Belinda Jacobs, Hannes van Biljon, Theresa Neuhoff, Jo-Ann Lebaka, Corrie Le Roux

### Background and aims

The study has three broad objectives, namely to: (1) present a broader view of treatment success (e.g. how access to ART impacts on labour productivity

and the time allocation of patients and other household members, and how access to ART and to nutritional supplementation impacts on educational and health outcomes for children in households with ART patients); (2) develop a more complete model of the determinants of treatment success (e.g. individual, household and facility-level characteristics, including access to peer adherence support and/or to nutritional supplementation) and how these impact on adherence to ART; and (3) understand the nature of the links between treatment and prevention (e.g. how access to ART impacts on the sexual behaviour of patients and other household members).

### Research strategy and progress

This study is being conducted in twelve Free State PHC clinics/community health centres (CHCs) in which ART has been available since 2004/05. During 2007/08, 648 public-sector ART clients who had recently started treatment were recruited into the study. Trained enumerators conducted baseline interviews with patients and patient households. In addition, these enumerators interviewed 208 randomly selected comparison households residing in these communities. A facility survey, comprising interviews with facility/programme managers, health care staff and lay workers working in the ART Programme, was also conducted. In November-December 2008, the experimental component of the study was implemented. ART clients in the study were randomly assigned to one of three groups: the first group receiving ART only; the second group receiving peer-adherence support from experienced ART patients; and, the third group receiving both peer-adherence support and nutritional supplementation. During 2009, a first round of follow-up interviews was conducted not only with patients, but also with patient households and with comparison households so as to track the impact of ART and the experimental interventions on various study outcomes. A repeat round of facility-survey interviews was simultaneously conducted. The second - and last - round of follow-up interviews with patients, with patient households and comparison households and with programme staff is to be completed by May/June 2010. Once these interviews have been completed, full clinical marker histories will be constructed from the information contained in patients' clinic and hospital files. The resultant longitudinal dataset will enable the research team to conduct joint analyses of the said





Left to right: Nomvula Mahlambi, Happiness Hlongwane (FEATS fieldworkers) and Bridget Smit



Left to right: Ishmael Tsietsi Xuma (FEATS fieldworker) and Bridget Smit



Left to right: Vivian Mokoena, Suzan Puleng Hlahane and Lizy Mpinga

clinical and survey data. This will be done with a view to assessing the impact of ART and the experimental interventions on treatment adherence, treatment success and a range of other biomedical and socio-economic study outcomes.

**Funding:** Development Economics Research Group (DERG) and the World Bank-Netherlands Partnership Programme of The World Bank, the European Union-funded Programme to Support Pro-Poor Policy Development (PSPPD) in the South African Presidency, the Faculty of Economic and Management Sciences at the University of the Free State, and the UFS Strategic Academic Cluster for New Frontiers in Sustainable Development and Poverty Reduction

# HIV TBE

## Non-uptake of HIV counselling and testing among TB patients: research to inform intervention

### Project leader

Prof Dingie van Rensburg (CHSR&D)

### Principal investigator

Prof Christo Heunis (CHSR&D)

### CHSR&D staff

Dr Michelle Engelbrecht, Gladys Kigozi, Hlengiwe Mdebuka, Dr Edwin Wouters, Mosilo Macherere, Belinda Jacobs, Jo-Ann Lebaka, Corrie Le Roux, Mariëtte Janse van Rensburg

### Background and aims

Despite HIV counselling and testing (HCT) being the all-important entry point to integrated care and support of TB patients co-infected with HIV, there is a dearth of evidence on how to effectuate increased uptake of HIV testing among TB patients - a high-risk group par excellence.

In line with the public health evaluation (PHE) agenda of the Centers for Disease Control and Prevention (CDC), the CHSR&D was invited to submit a full protocol for a project to develop, implement and evaluate three training and mentoring interventions, then to analyse and disseminate research results, and finally to translate such results into proposals for health care policy. The main aim of the proposed project is to increase the uptake of HIV counselling and testing among TB patients in the Free State Province by devising, implementing and testing the impact of three training and mentoring interventions thought to be appropriate for local circumstances, and moreover considered to have a potential for wider application.

### Research strategy and progress

The overall project - conducted by the CHSR&D in collaboration with the Free State Department of Health and specifically the said Department's TB, HIV&AIDS, Voluntary Confidential Counselling and Testing (VCCT) and TB-HIV&AIDS Programmes - entails two parts, i.e.:

- ◆ Part I: fact-finding research to identify barriers to and the facilitators of uptake of HCT by TB patients (completed).
- ◆ Part II: development, implementation and evaluation of training interventions for nurses, DOT supporters and counsellors to increase uptake of HCT by TB patients (ongoing).

Part I of the project, as well as being a comprehensive literature and policy review, also included a survey of the experiences and views of various interest groups in the Thabo Mofutsanyana and Lejweleputswa Districts. These included professional (n=81) and community (n=97) health workers in all of the subdistricts. A patient survey (n=600) was carried out in one urban and one rural subdistrict in each district. The line manager survey (n=13) involved subdistrict, district, provincial and national managers responsible for the TB, HIV&AIDS, VCCT and TB-HIV&AIDS Programmes. All the interest groups were surveyed to identify the barriers to and the facilitators of uptake of HCT. At the conclusion of Part I, a technical report, *Counselling and testing for HIV/AIDS among TB patients in the Free State: fact-finding research to inform intervention*, was published (full text available at: [www.ufs.ac.za/tbhcreport](http://www.ufs.ac.za/tbhcreport)). The findings contained in Part I were also distributed at eight international, five national and 25 local conference and workshop presentations.

Part II seeks to develop, implement and evaluate three training interventions: (1) training of nurses in respect of provider-initiated counselling and testing (PICT), (2) training of DOT supporters so as more effectively encourage and motivate TB patients to take up



Non-uptake of HIV counselling and testing among TB patients- research to inform intervention-Project meeting

HCT/PICT, and (3) training of lay counsellors to provide quality counselling. A quasi-experimental research design will measure changes regarding (1) rate of uptake, (2) patients' satisfaction with HCT/PICT services, and (3) professional and lay health workers' HCT/PICT knowledge, ability, skills and attitudes. The pre- and post-intervention surveys will again entail the collection and analysis of routine programme data and information gathered during the course of the interviews and clinical data collection. Impact will be tested following a quasi-experimental research design. Two districts in the Free State, respectively, will serve as intervention and control areas.

**Funding:** UFS Strategic Academic Cluster for Transformation in Highly Diverse Societies, Medical Research Council (MRC), National Research Foundation (NRF), American International Health Alliance (AIHA)

## CHSR&D-SUNY-DMC Twinning Partnership

### SUNY-DMC project leader

Prof Jack DeHovitz (Department of Preventive Medicine and Community Health, Department of Medicine, Division of Infectious Disease)

### CHSR&D project leader/co-ordinator

Prof Christo Heunis



Right: Prof Christo Heunis

“Ideally, the offer of an HIV test should take place soon after the initiation of TB-treatment, as the morbidity and mortality of co-infected clients are highest in the first two months of treatment.”

### SUNY-DMC co-ordinator

David Odegaard (Department of Medicine and HIV Training and Education)

### Partnership manager

John Capati (American International Health Alliance [AHIA], South Africa)

### CHSR&D staff

Francois Steyn, Belinda Jacobs, Nandipha Jacobs, Hannes van Biljon, Dr Michelle Engelbrecht, Gladys Kigozi, Dr Katinka de Wet, Anja Pienaar, Mosilo Machere, André Janse van Rensburg, Theresa Neuhoff

### SUNY-DMC staff

Dr Anjali Sharma (Division of Infectious Diseases), Dr Camille Ragin (Department of Epidemiology, SUNY-DMC), Dr Michael Joseph (Master of the Public Health Program), Peter Vavagiakis, Kevin Gravesande (both data management)

### Background and aims

In 2007, the HIV/AIDS Twinning Center of AIHA initiated a partnership between the CHSR&D and SUNY-DMC in respect of capacity building in TB and HIV/AIDS-related research. The partnership took effect in early 2008. The three main objectives of the ongoing twinning partnership are to strengthen the Centre's data management capacity, its ability to disseminate research findings, and its skills to translate research findings into improved TB and HIV-related policies and practice.

### Strategy and progress


In 2009, these objectives were further pursued through training, technical and academic assistance, and mentoring. An exchange visit (11-13 May) took place during which SUNY-DMC faculty reviewed and offered assistance on a select number of current CHSR&D research projects to facilitate peer-reviewed journal publication. The visitors moreover provided individual mentorship to CHSR&D researchers. Drs Anjali Sharma and Camille Ragin led an interactive two-day workshop for CHSR&D faculty, in which these mentors specifically addressed current research projects related to HIV and TB. A collaborative article entitled “Perceived barriers to uptake of HIV-testing among tuberculosis patients in Free State, South Africa: A qualitative study with community health workers and program managers” is in progress.

AIHA and SUNY-DMC continues to support the CHSR&D's endeavour to gain approval from the Centers for Disease Control and Prevention (CDC) for a public health evaluation (PHE) of three training interventions to better equip frontline TB and HIV/AIDS service providers so as to increase the uptake of HIV testing by TB patients. Through SUNY-DMC the CHSR&D has also started to collaborate with Dr Embry Howell (Urban Institute, Washington DC) in respect to the project design and methods and Dr Wynne Norton (University of Alabama, Birmingham) in respect of issues related to implementation science.

**Funding:** American International Health Alliance (AIHA) HIV/AIDS Twinning Center



Front (Fltr): Dr. Anjali Sharma, Dr. Katinka de Wet, Mosilo Machere, Michele Pappin.  
Back: André Janse van Rensburg, Salman Klar, Dr. Camille Ragin, Prof. Christo Heunis, Gladys Kigozi



“a multi-year research programme with the aim of developing and strengthening the research evidence for improved nursing policy, development and practice in South Africa.”

## The nature and health system consequences of casualisation, agency nursing and moonlighting in South Africa (CAM)

### Project leader

Prof Laetitia Rispel (Centre for Health Policy [CHP], University of the Witwatersrand)

### CHSR&D principal investigator

Dr Katinka de Wet

### CHP staff

Pascalina Munyewende, Thembakazi Matsheke

### CHSR&D staff

Dr Michelle Engelbrecht, Gladys Kigozi, Anja Pienaar, André Janse van Rensburg, Mosilo Machere, Prof Christo Heunis, Belinda Jacobs, Bridget Smit, Jo-Ann Lebaka

### Background and aims

This project is one component of the larger Research on the State of Nursing (RESON) study driven by the CHP. RESON is a multi-year research programme with the aim of developing and strengthening research evidence for improved nursing policy, development and practice in South Africa.

The CAM component specifically aims to develop new knowledge on the characteristics and the changing patterns of nursing practice in South Africa. The objectives of the study are to:

- ◆ Examine countrywide
  - 1) the regulatory environment and policies on nursing agencies,
  - 2) the characteristics of nursing agencies, and
  - 3) the utilisation and management of nursing agencies by provincial health departments.
- ◆ Ascertain the opinions and views of key informants on casualisation, agency nurses and moonlighting.
- ◆ Determine the factors that influence nurses to do agency nursing and moonlighting, which include the perceived advantages, the disadvantages and the health-system consequences of such practices.
- ◆ Analyse the utilisation trends and costs of agency nursing staff in selected hospitals in the Gauteng, Eastern Cape, Western Cape and Free State Provinces.
- ◆ Examine the health system consequences of nursing agencies and moonlighting.
- ◆ Make policy recommendations based on the findings of the study.

### Research strategy and progress

The CHSR&D has been requested to undertake the fieldwork activities in the Free State Province, and further to cooperate in the data-analysis phase. The CAM component comprises conducting structured interviews with key informants drawn from those involved in nursing, agency work and moonlighting, and among nursing agencies. This component also entails focus-group discussions with nursing personnel from various hospitals and also a survey among nurses from randomly selected hospitals. Because 2010 has been declared *The Year of the Nurse* in commemoration of the centennial of Florence Nightingale's death, this is an appropriate study in which to be involved.

**Funding:** Atlantic Philanthropies





Front (FLTR): Prof Dingie van Rensburg, Prof Laetitia Rispel, Pascalia Munywende.  
Middle: Bridget Smit, Dr. Michelle Engelbrecht, Mosilo Machere, Dr. Katinka de Wet, Gladys Kigozi.  
Back: Anja Pienaar, Prof Christo Heunis.

# New projects

## Tool, weapon or white elephant? Assessing the application of a state-of-the-art information system created for use in occupational health in South Africa

### Project leader

Prof Jerry Spiegel (University of British Columbia - UBC)

### CHSR&D staff

Dr Michelle Engelbrecht, Dr Katinka de Wet

### UBC staff

Prof Annalee Yassi, Dr Elizabeth Bryce, Justin Lo Chang, Lyndsay O'Hara

### FSDoH staff

Lucky Nophale (Occupational Health Unit), Dr Marthinus Schoon (Pelonomi Hospital)

### Department of Informatics and Computer Science (UFS) staff

Dr Eduan Kotze

### Department of Community Medicine (UFS) staff

Prof Willem Kruger, Dr Annie de la Querra

### Background and aims

This protocol was approved for funding by the Canadian Institute of Health Research. The goal of the project is to evaluate the use and the perceived usefulness and impact of introducing a health information system (OHASIS - Occupational Health and Safety Information System) to improve the health, safety and overall well-being of health care workers in a setting where contextual factors have limited the systematic use of relevant information. The OHASIS system has also been introduced into the Canadian health care system.

The study will examine perceptions of the various occupational stakeholders (managers, front-line workers, unions, government decision makers, occupational health practitioners and researchers) regarding the use and perceived usefulness of OHASIS. It will also examine workplace contextual factors as either facilitators or barriers to the utilisation of OHASIS, and the relevance of a participatory method of introducing a workplace health information system.

Specific objectives include:

- ◆ Ascertaining the purposes for which the information system (OHASIS) is used.
- ◆ Assessing the process flow of information.
- ◆ Evaluating whether information (from OHASIS) has indeed resulted in reduced risk and other positive or negative outcomes.
- ◆ Identifying and comparing the perceptions of various stakeholders regarding the ease of use of OHASIS.
- ◆ Assessing the factors encountered in the process of technology transfer to the research site from the Canadian context.



### Research strategy and progress

This project is a longitudinal pre-post mixed method study with a comparison site. It is original in its application of a relatively novel occupational health and safety information system to the South African health care context where the human resource demands in respect of health greatly exceed existing supply and where the risk of occupational injury is high. This project has the potential to provide important insights into the tailored use of health information systems in various contexts. It also has the potential to contribute towards improving workplace conditions and, subsequently, health human resources in the Free State and possibly in South Africa. This project will commence in 2010.

**Funding:** Canadian Institute of Health Research (CIHR)



# Publications

## Articles in peer-reviewed scientific journals

Bester CI & Engelbrecht MC

Job satisfaction and dissatisfaction of professional nurses in PHC facilities in the Free State. *Africa Journal of Nursing and Midwifery*, 11(1): 104-117.

De Wet K

Les trois âges de la santé communautaire (Three periods of community health care). *Sciences Sociales et Santé* - accepted.

Fairall L, Bachmann MO, Zwarenstein MF, Bateman ED, Niessen LW, Lombard C, Majara B, English R, Bheekie A, Van Rensburg D, Mayers P, Peters A & Chapman R

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Wouters, E.

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Wouters E, Van Loon F, Van Rensburg HCJ & Meulemans H

Community support and disclosure of serostatus to family members by public-sector ART patients in the Free State Province of South Africa. *AIDS Patient Care and STDs*, 23(5): 357-364.

Wouters E, Van Rensburg HCJ, Van Loon F & Meulemans H

State of the ART Programme: clinical effectiveness and physical and emotional quality-of-life improvements in the Free State Province, South Africa. *AIDS Care*, 21(11): 1401-1411.

## Books/volumes and chapters in books/volumes

Engelbrecht M, Van den Berg H & Bester C

Burnout and compassion fatigue: the case of professional nurses in primary health care facilities in the Free State Province, South Africa. In Schwartzoffer, RV (Ed.). *Psychology of burnout: predictors and coping mechanisms*. New York: Nova Science Publishers.

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Leven met HIV/AIDS en het gebruik van antiretrovirale geneesmiddelen in Zuid-Afrika. In Bracke, P. (Ed.). *Ziekte en gezondheid: sociale determinanten en maatschappelijke gevolgen*. Leuven: Acco.

## Technical reports

Heunis C, Engelbrecht M, Kigozi G, Pienaar A & Van Rensburg D

*Counselling and testing for HIV/AIDS among TB patients in the Free State - fact-finding research to inform intervention*. Bloemfontein: CHSR&D (full text: [www.ufs.ac.za/tbhctreport](http://www.ufs.ac.za/tbhctreport)).

# Presentations

## International

Booyesen F le R

*Labour market outcomes among adults enrolled in the Free State Province's public-sector Antiretroviral Treatment (ART) Programme.* 4th South African Aids Conference on Scaling up for Success, Durban, South Africa: 31 March – 4 April.

Booyesen F le R

*Labour-market outcomes among adults enrolled in the Free State Province's public-sector Antiretroviral Treatment (ART) Programme (2004-08).* World Congress of the International Health Economics Association (IHEA), Beijing, China: 11-15 July.

Booyesen F le R

*HIV and AIDS and the global financial and economic storm: thunderbolt or silver lining?* Health Economics & Policy Network in Africa (HEPNet) workshop on 'The global economic crisis and health in Africa: Effects and mitigation', Kampala, Uganda: 17-19 November.

Booyesen F le R, Bhargava A, De Walque D, Over M, Walsh C & Coetzee J

*Early nutritional feats of ART treatment in the Free State Province, South Africa* (poster presentation). 5th Conference of the International AIDS Society (IAS) on HIV Pathogenesis, Treatment and Prevention, Cape Town, South Africa: 19-22 July.

Booyesen F le R, De Walque D, Over M & Bhargava A

*With a little help from my friends: demand for membership of HIV/AIDS support groups among public-sector ART clients in the Free State Province, South Africa.* 9th International AIDS Impact Conference, Gaborone, Botswana: 22-25 September.

Booyesen F & De Wet K

*Predictors of patient retention in the South African public-sector ART Programme* (poster presentation). 5th

Conference of the International AIDS Society (IAS) on HIV Pathogenesis, Treatment and Prevention, Cape Town, South Africa: 19-22 July.

Booyesen F le R & Pappin M

*Prevalence and predictors of anxiety and depression in adults enrolled in the public-sector ART Programme in the Free State Province, South Africa.* 4th South African Aids Conference on Scaling up for Success, Durban, South Africa: 31 March – 4 April.

De Wet K

*Task-shifting: a concept still in its infancy.* 4th South African Aids Conference on Scaling up for Success, Durban, South Africa: 31 March – 4 April.

Heunis JC, Kigozi GN & Wouters E

*Uptake of HIV counselling and testing by TB patients in two Free State districts: impeding and facilitating factors* (poster presentation). 4th South African AIDS Conference on Scaling up for Success, Durban, South Africa: 1-4 April.

Kigozi GN & Heunis JC

*Tuberculosis patients' views on HIV counselling by lay counsellors compared to nurses: an exploratory study in four local municipalities in the Free State Province* (poster presentation). 4th South African AIDS Conference on Scaling up for Success, Durban, South Africa: 1-4 April.

Kigozi GN, Heunis JC & Engelbrecht MC

*Exploring nurses' and tuberculosis patients' perspectives of lay HIV counselling in the Free State Province, South Africa.* 17th Conference of The Union Africa Region on Lung Health and the Strengthening of Health Systems in Africa, Ouagadougou, Burkina Faso: 24-26 June.

Kigozi GN, Heunis JC & Chikobvu P

*Urban tuberculosis patients' TB-HIV knowledge and beliefs, and attitudes towards HIV testing – an exploratory study in the Free State Province, South Africa* (poster presentation). 8th International Conference on Urban Health on Meeting Urban Health Needs Through Innovative Research, Policies and Interventions, Nairobi, Kenya: 19-23 October.

Pappin M, Booyesen F le R & Wouters E

*Prevalence and predictors of anxiety and depression in adults enrolled in the public-sector ART Programme in the Free State.* AIDS Impact Conference, Gaborone, Botswana: 22-25 September.

Schneider H, Coetzee D, Engelbrecht M & Van Rensburg HCJ

*Programme management and access/coverage of ART: a comparison of three provinces in South Africa* (poster presentation). 5th Conference of the International AIDS Society (IAS) on HIV Pathogenesis, Treatment and Prevention, Cape Town, South Africa: 19-22 July.

Van Rensburg D & Wouters E

*ART in the Free State: progress, challenges and research findings.* Interdisciplinary joint presentation at the Seminar of the Public Health Programme of the Institute of Tropical Medicine, Antwerp, Belgium: 3 June.

Wouters E

*Community support and disclosure of serostatus to family members by public-sector ART patients in the Free State Province of South Africa.* Session Keynote Speaker at the 4th South African AIDS Conference on Scaling up for Success, Durban, South Africa: 31 March – 3 April.

Wouters E & Heunis JC

*Community support and disclosure of serostatus to family members by public-sector ART patients in the Free State Province of South Africa* (poster presentation). 4th South African AIDS Conference on Scaling for up for Success, Durban, South Africa: 1-4 April.

Wouters E & Van Rensburg HCJ

*ART in the Free State: progress, challenges and research findings*. Interdisciplinary Seminar of the Public Health Programme at the Institute of Tropical Medicine Antwerp, Belgium: 3 June.

## National and local

Booyesen F le R, Bhargava A, De Walque D, Over M & Walsh C

*Food for thought: nutrition and public-sector ART in South Africa's Free State Province*. 5th SAHARA Conference on Socio-cultural Responses to HIV, Midrand: 30 November – 3 December.

Booyesen F le R, De Walque D, Over M & Bhargava A

*With a little help from my friends: demand for membership of HIV/AIDS support groups among public-sector ART clients in the Free State Province, South Africa*. Biennial Conference of the Economic Society of South Africa (ESSA), Port Elizabeth: 7-9 September.

Booyesen F le R, De Walque D, Over M & Bhargava A

*With a little help from my friends: the potential role of HIV/AIDS support groups in public sector ART programmes*. 5th SAHARA Conference on Socio-cultural Responses to HIV, Midrand: 30 November – 3 December.

Booyesen F le R & Pappin M

*Prevalence and predictors of symptoms of anxiety and depression among patients initiating antiretroviral treatment in the Free State*. 5th SAHARA Conference on Socio-cultural Responses to HIV, Midrand: 30 November – 3 December.

De Wet K

*Task-shifting: a concept still in its infancy*. Staff Seminar of Centre for Health Systems Research & Development, University of the Free State, Bloemfontein: 17 April.

Heunis JC, Kigozi GN & Engelbrecht MC

*Perspectives on the uptake of HIV counselling and testing by TB patients in Lejweleputswa and Thabo Mofutsanyana in the Free State Province*. 5th SAHARA Conference on Socio-cultural Responses to HIV, Midrand: 30 November – 3 December.

Janse van Rensburg A, Steyn F & Foster H

*Facilitators and inhibitors of violence at schools: lessons from Moakeng (Kroonstad) in the Free State Province*. Bi-annual Conference of the Criminological and Victimological Society of South Africa, UNISA, Pretoria: 28-30 September.

Kigozi GN & Heunis JC

*Factors associated with uptake of HIV counselling and testing by TB patients in two districts of the Free State Province, South Africa*. Feedback meeting, South Africa TB and AIDS Training (SATBAT), Cape Town: 18 July.

Kigozi GN & Heunis JC

*Uptake of HIV testing by tuberculosis patients in two districts of the Free State: line manager and lay worker perspectives of barriers and facilitating factors* (poster presentation). MRC Colloquium on 40 years of TB, Medical Research Council, Cape Town: 3-4 June.

Pienaar A, Machere M & Smit B

*Fieldwork (2008/9): experiences, challenges and suggestions for the way forward*. Staff Seminar, Centre for Health Systems Research & Development, University of the Free State, Bloemfontein: 6 November.

Wouters E

*Building HIV/AIDS care capacity in society: a sociological study of achievements and challenges of anti-retroviral treatment rollout in a resource-limited setting*. Staff Seminar, Centre for Health Systems Research & Development, University of the Free State, Bloemfontein: 17 April.



Gladys Kigozi and Mosilo Machere at the 5th SAHARA Conference on Socio-cultural Responses to HIV

# Staff development initiatives

*André Janse van Rensburg* completed a SPQUAL training course on basic qualitative research methods at the Centre for Higher Education Studies and Development at the University of the Free State (6-27 May).

*Francois Steyn* attended a three-day workshop on international funding and research ethics, which was hosted by the Southern African Research and Innovation Management Association (SARIMA), Farm Inn, Pretoria (19-20 May).

*Mosilo Machere* attended an advanced project management course offered by CHESD Professional Enrichment Programme and presented by Experiential Technologies (13-14 October).

*Dr Katinka de Wet* attended a UCT postgraduate course in International Research Ethics. The course comprised three contact sessions of two weeks each at UCT during the year. A wide range of experts in the field of research ethics presented the courses and the classes had a participatory approach. Her practicum for this course was entitled: *Restructuring the Ethics Committee at the Faculty of the Humanities, University of the Free State* (2008-2010).

*Dr Michelle Engelbrecht* completed an SPSS data management and manipulation course (25-26 March) and attended the SPSS statistical analysis training (23-24 June). Both courses were offered in Bloemfontein.

SUNY-DMC and CHSR&D conducted a 'virtual' exchange on 'implementation science,' principles, theories, and practical applications. In the Web-based training conducted by Dr

Wynne Norton, she reviewed the TB- and HIV-testing proposal and provided specific feedback on how the protocol might be improved in terms of follow-up evaluation (4 December).

## Staff visits to institutions abroad

Prof Dingie Janse van Rensburg visited Antwerp in Belgium between 25 May and 5 June. The purpose of this visit was to:

- ◆ Participate (as promoter) in the public defence of the doctoral thesis of Dr Edwin Wouters.
- ◆ Strengthen continued research collaboration with the University of Antwerp and the Prince Leopold Institute of Tropical Medicine on joint research projects.



*Prof Herman Meulemans, Dr. Edwin Wouters, Prof Dingie van Rensburg*



*Dr. Edwin Wouters and Prof Dingie van Rensburg*



Front (FLTR): Dr. Katinka de Wet, Prof Francis Baron Van Loon, Gladys Kigozi  
Back: Prof Christo Heunis, Dr. Edwin Wouters, Prof Dingie van Rensburg, Francois Steyn.



Prof Frikkie Booysen, Nathalie Vereen, Mastoera Sadan

## Visitors to the CHSR&D

<b>Dr Edwin Wouters</b> For purposes of collaboration on the ART Project, writing of papers and postgraduate supervision	Department of Sociology and Research Centre for Longitudinal and Life Course Studies, University of Antwerp	31 March - 3 April 30 October - 12 November	31 March - 3 April 30 October - 12 November
<b>Prof Francis Baron Van Loon</b> For purposes of discussing future collaboration with the University of Antwerp	Honorary Rector, University of Antwerp	15-18 April	15-18 April
<b>Prof Laetitia Rispel, Pascalia Munyewende</b> For purposes of planning the CAM Project	Centre for Health Policy, University of the Witwatersrand	25 August	25 August
<b>Kathryn Stinson</b> For purposes of training nursing and laboratory staff and discussing fieldwork arrangements for the PEARL Project	Infectious Disease Epidemiology Unit, University of Cape Town	12, 22-23, 27 January 20 February 3 September	12; 22-23; 27 January 20 February 3 September
<b>Annalee Yassi, Justin LoChang, Lyndsay O'Hara</b> For purposes of collaboration on the Occupational Health Project	School of Public and Population Health (Dr Yassi), Centre for International Health (Mr LoChang and Ms O'Hara), University of British Columbia	19 March	19 March
<b>Salman Klar</b> For purposes of a field practicum under the supervision of Dr Michelle Engelbrecht	School of Public and Population Health, University of British Columbia	6 May - 28 July	6 May - 28 July
<b>Dr Anjali Sharma, Dr Camille Ragin</b> For purposes of training and article-writing	Division of Infectious Diseases (Dr Sharma) and Department of Epidemiology (Dr Ragin), State University of New York Downstate Medical Center	11-13 May	11-13 May
<b>Anne Preller</b> For purposes of advising the TB-HCT Project	Former North-West Province TB manager	22 July	22 July
<b>Annatjie Peters</b> For purposes of advising the TB-HCT Project	Centers for Disease Control and Prevention (CDC) South Africa	29 October	29 October
<b>Prof Alok Bhargava</b> For purposes of presenting a series of four seminars on health, nutrition and economics	Department of Economics, University of Houston	22-31 July	22-31 July
<b>Andy Guise</b> For purposes of fieldwork for his PhD	London School of Hygiene and Tropical Medicine, University of London.	1 March - 31 May 1 November - 10 December	1 March - 31 May 1 November - 10 December
<b>Nathalie Vereen, Mastoera Sadan</b> For purposes of collaboration on the FEATS Project.	The Programme to Support Pro-poor Policy Development: A partnership between the Presidency and the European Union	29 September	29 September

# Post-graduate training offered by staff



## Courses

**Health and development (MDS 712):** Prof Frikkie Booysen (CHSR&D and Department of Economics, UFS). This module equips students with an understanding of the health challenge, health policy, the reciprocal link between health and development, health systems issues, and the evaluation of developmental and health interventions used to enhance population health and development.

**Applied development research (MDS 704):** Prof Frikkie Booysen (CHSR&D and Department of Economics, UFS). This module introduces students to the essentials of applied research methods and includes aspects of research design, data collection and sampling strategies, the use of mixed methods, action research and experimental study designs. The module aims to guide students towards completing a preliminary literature review and a draft research proposal for the MDS dissertation.

**French Grammar (FRN214 & FRN314):** Dr Katinka de Wet (CHSR&D and the Department of Afrikaans and Dutch, German and French [French Division]) is responsible for lecturing French grammar to second- and third-year students.

## Supervision

### Current postdoctoral studies – with supervisors

De Wet K

Postdoctoral student, funded by the NRF. Profs Dingie van Rensburg (CHSR&D) and Helen Schneider (CHSR&D and Infectious Disease Epidemiology Unit, UCT)

### Completed doctoral studies – with supervisors

De Reuck C

PhD (Sociology): *HIV/AIDS in the Free State: assessing gender needs and interests for improved policy implementation*. Profs Engela Pretorius (Faculty of the Humanities, UFS) and Dingie van Rensburg (CHSR&D).

Lopez MI

PhD (Health Economics): *HIV/AIDS policies and absorptive capacity in South Africa: identifying the bottlenecks, unleashing the capacity*. Profs Edina Sinanovic (Health Economics Unit, University of Cape Town) and Frikkie Booysen (CHSR&D and Department of Economics, UFS).

Wouters E

PhD (Sociology): *Physical and emotional health outcomes of public sector ART in the Free State, South Africa*. Profs Dingie van Rensburg (CHSR&D) and Herman Meulemans (Department of Sociology, University of Antwerp).

### Current doctoral studies – with supervisors

Gill W

PhD (Interdisciplinary): *The impact of HAART on sexual behaviour in Botswana*. Profs Christo Heunis (CHSR&D) and Anet Louw (Department of Psychology, UFS).

Hlophe H

PhD (Development Studies): *The role of treatment buddies in the public-sector Antiretroviral Treatment Programme in the Free State*. Profs Frikkie Booysen (CHSR&D and Department of Economics, UFS) and Helen Schneider (CHSR&D and Infectious Disease Epidemiology Unit, UCT).

Jacobs N

PhD (Development Studies): *Sexual risk behaviour in the Free State in the era of antiretroviral treatment (ART)*. Prof Frikkie Booysen (CHSR&D and Department of Economics, UFS) and Dr Edwin Wouters (CHSR&D and Department of Sociology and Research Centre for Longitudinal and Life Course Studies, University of Antwerp).

Janse van Rensburg-Bonthuyzen E

PhD (Sociology): *Past and present public health strategies to deal with tuberculosis in South Africa: a critical study*. Profs Dingie van Rensburg (CHSR&D) and Engela Pretorius (Faculty of the Humanities, UFS).

Kigozi GN

PhD (Interdisciplinary): *Facilitating factors and barriers to the uptake of HIV counselling and testing among tuberculosis patients in the Free State Province (South Africa)*. Prof Christo Heunis (CHSR&D) and Dr Henriëtte van den Berg (Department of Psychology, UFS).

Pappin M

PhD (Development Studies): *An integrated, multi-sectoral policy response to anxiety and depression in the public sector antiretroviral treatment (ART) Programme in the Free State*. Dr Edwin Wouters (CHSR&D and Department of Sociology and Research Centre for Longitudinal and Life Course Studies, University of Antwerp) and Prof Crick Lund (Department of Psychiatry and Mental Health, UCT).

Steyn F

PhD (Criminology): *Approaches to diversion of child offenders in South Africa: a comparative analysis of programme theories*. Profs Dap Louw (Department of Psychology, UFS) and Dingie van Rensburg (CHSR&D).

Uebel, K

PhD (Internal Medicine): *Developing, implementing and evaluating a practical approach to integrating HIV care into primary health care services in the Free State*. Profs Dingie van Rensburg (CHSR&D) and Willie Mollentze (Department of Internal Medicine, UFS).



Wilke, M

PhD (Nursing): *Models of care for antiretroviral treatment delivery: a faith-based response*. Profs Yvonne Botma (Nursing, UFS) and Dingie van Rensburg (CHSR&D).

### Completed Master's studies – with supervisors

Gwarisa N

MDS: *An investigation into the factors influencing uptake of HIV testing among pregnant women accessing antenatal care services in rural Zimbabwe: a case study of Mutoko District Hospital*. Prof Christo Heunis and Gladys Kigozi (both CHSR&D).

Kasonka C

MDS: *Exploring the role of community volunteers in HIV counselling and testing in Chongwe District, Zambia*. Prof Christo Heunis and Gladys Kigozi (both CHSR&D).

Motlolometsi W

MDS: *Determining the knowledge, attitudes and perceptions of midwives towards completion of the partogram*. Dr Michelle Engelbrecht (CHSR&D).

Mtonga-Mukumbuta P

MDS: *An exploratory study on land tenure security in the context of HIV/AIDS among widows in Moonzwe, Zambia*. Prof Christo Heunis (CHSR&D).

Tlali L

MDS: *Nature and management of patient complaints at PHC facilities in Botshabelo, Free State: a descriptive exploration*. Francois Steyn (CHSR&D and Department of Social Work and Criminology, University of Pretoria).

### Current Master's studies – with supervisor

James E

MDS: *Reproductive health needs of orphans and vulnerable children (OVC) in Epworth peri-urban residential area in Harare, Zimbabwe*. Dr Michelle Engelbrecht (CHSR&D).

Janse van Rensburg AP

MSocSc (Criminology): *Dimensions, coping strategies and management of school-based violence in the Free State*. Francois Steyn (CHSR&D and Department of Social Work and Criminology, University of Pretoria) and Herma Foster (Department of Criminology, UFS).

Kasonka C

MDS: *Exploring community perceptions of volunteer HIV counsellors and testers*. Prof Christo Heunis and Gladys Kigozi (both CHSR&D).

Machere M

MDS: *Effectiveness of PMTCT: knowledge and experiences of mothers in Free State communities*. Drs Michelle Engelbrecht (CHSR&D) and Nola Redelinghuys (Department of Sociology, UFS).

Masango M.

MDS: *Reproductive health needs of street children in Harare, Zimbabwe*. Dr Michelle Engelbrecht (CHSR&D).

Mashapa F

MDS: *Reasons for low uptake of men in voluntary counselling and testing (VCT) services in Swaziland: a case study of the New Start Programme*. Prof Christo Heunis (CHSR&D).

Murandu C

MDS: *Correlates of male participation in the Prevention of Mother-to-child Transmission (PMTCT) Programme at Seke North Clinic, Makoni District, Zimbabwe*. Prof Christo Heunis and Gladys Kigozi (both CHSR&D).

Muyunda L

MDS: *Investigating current perceptions, attitudes and practices towards tuberculosis among people living with HIV and community care givers in Ng'ombe Compound in Lusaka, Zambia*. Prof Christo Heunis and Gladys Kigozi (both CHSR&D).

Saka L

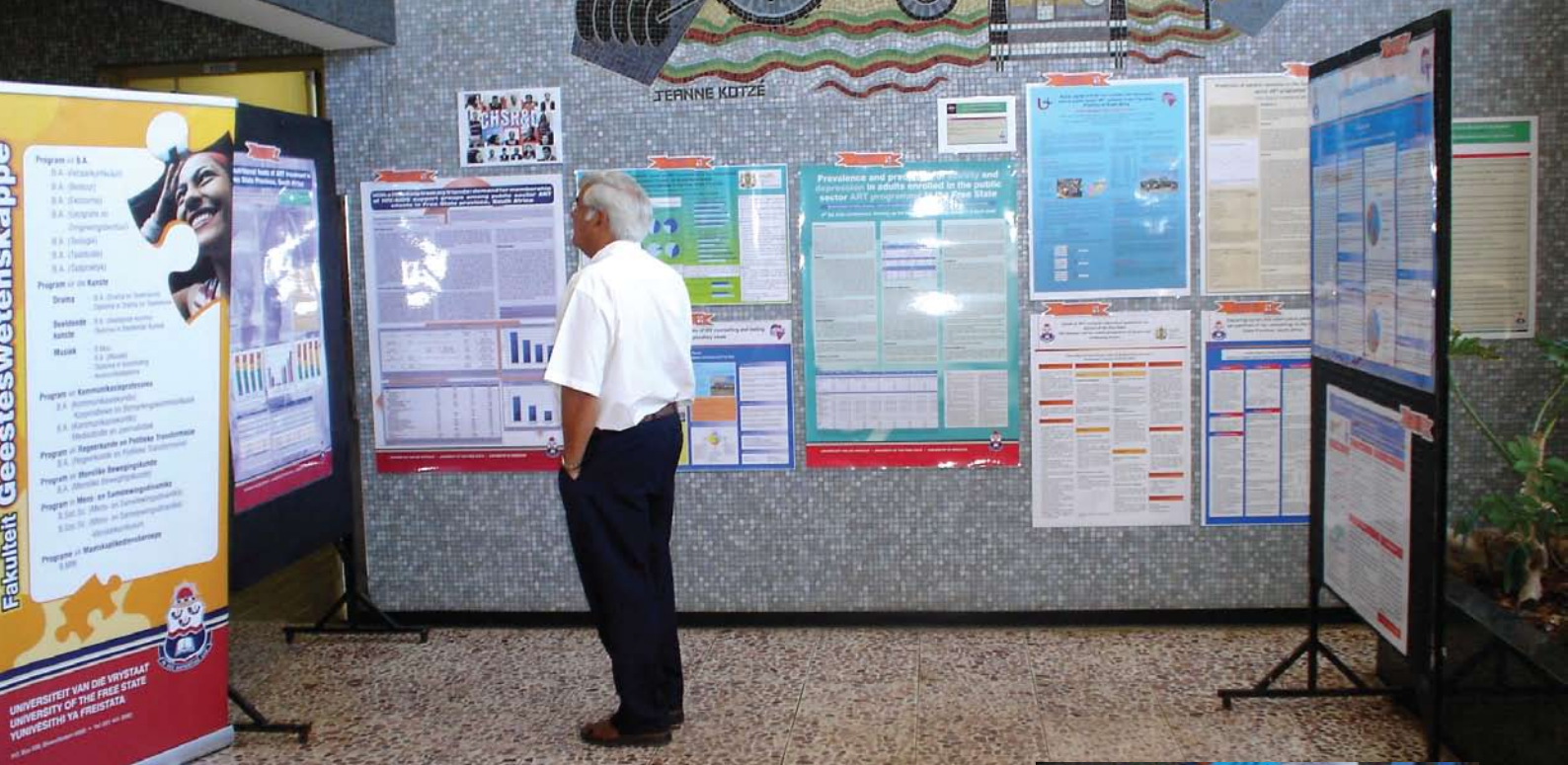
MDS: *Investigating the impact of culture on the uptake of antiretroviral therapy services in Mwanachingwala area, Mazabuka District in Zambia: a cultural perspective*. Prof Christo Heunis and Gladys Kigozi (both CHSR&D).

Serekoane J

MA (Anthropology): *The socio-cultural context of patients undergoing antiretroviral treatment in Petrusburg: an anthropological perspective*. Profs Dingie van Rensburg (CHSR&D) and Piet Erasmus (Department of Anthropology, UFS).

Van De Water, P

MA (Sociology): *Blood donation: why do people donate blood?* Dr Edwin Wouters (CHSR&D and Department of Sociology and Research Centre for Longitudinal and Life Course Studies, University of Antwerp).



*Prof Dingie van Rensburg at the CHSR&D presentation at the Faculty Forum*

## Other newsworthy events

### Faculty Forum

The CHSR&D participated in a Faculty Forum held at the University of the Free State on 21 October. The Forum was initiated by the Dean's Office to showcase the academic activities of the Faculty of the Humanities (July 2008 – July 2009): teaching-learning, research and service learning. The exhibition included publications, conference posters, projects and newsworthy items such as awards received for academic work.



### Births and Marriages

Dr Michelle Engelbrecht gave birth to a beautiful baby girl named Kaylin on 2 October. Born prematurely, Kaylin weighed 1.5kg and spent four weeks in the neonatal ICU. She has since gained weight and is now enjoying excellent health.

Ms Hlengiwe Hlope married Mr Khaya Mdebuka at the Ladysmith Community Hall on 26 September.



*Dr Michelle Engelbrecht and Kaylin*



*Mr Khaya Mdebuka and Ms Hlengiwe Mdebuka (Hlope)*



Suzan Puleng Hlahane (fieldworker)



## Gratitude

With this News Report, we express our sincere gratitude to all those funders who, in recent years and especially during 2009, so generously supported the efforts of the CHSR&D in its endeavours to contribute to a better society and health system in the Free State and South Africa:

*African-Asian Society (AAS)*

*American International Health Alliance (AIHA) Twinning Center funded by CDC through PEPFAR*

*Andrew Mellon Foundation*

*Atlantic Philanthropies*

*Bristol-Myers Squibb*

*Centers for Disease Control and Prevention (CDC, USA)*

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*Canadian Institute of Health Research (CIHR)*

*Development Cooperation Ireland (DCI)*

*Development Economics Research Group (DERG), World Bank*

*Doris Duke Charitable Fund (DDCF)*

*Flanders International Cooperation Agency (FICA)*

*Ford Foundation*

*Foreign Assistance Agencies of Australia (AusAID)*

*Free State Department of Health (FSDoH)*

*Health Systems Trust (HST)*

*HIVCare (an operating division of Medicross Healthcare Group)*

*HLSP and Department for International Development (DfID, UK)*

*Infectious Disease Epidemiology Unit, UCT*

*International Development Research Centre (IDRC, Canada)*

*International Projects Advisory Service (Ipas)*

*Joint Economics, Aids and Poverty Programme (JEAPP)*

*Medical Research Council of South Africa (MRC)*

*National Research Foundation of South Africa (NRF)*

*Netherlands Support Programme, World Bank*

*Open Society Foundation for South Africa (OSF-SA)*

*Programme to Support Pro-Poor Policy Development (PSPPD)*

*Research Matters, Canada (IDRC)*

*Save the Children (UK)*

*South African-Flemish Bilateral Scientific and Technological Cooperation Programme*

*South African Labour and Development Research Unit (SALDRU)*

*State University of New York Downstate Medical Center (SUNY-DMC)*

*Swiss Agency for Development and Cooperation (SDC)*

*United Nations Development Programme (UNDP)*

*United States President's Emergency Plan for AIDS Relief (PEPFAR)*

*University of the Free State (UFS)*

*UFS Strategic Academic Cluster for New Frontiers in Sustainable Development and Poverty Reduction*

*UFS Strategic Academic Cluster for Transformation in Highly Diverse Societies*

*US Agency for International Development (USAID, USA)*

*World Health Organisation (WHO)*

*WK Kellogg Foundation (USA)*



“forging strategic partnerships”



Centre for Health Systems Research & Development  
Sentrum vir Gesondheidsisteemnavorsing en Ontwikkeling

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