

Health Economics and HIV/AIDS Research Division (HEARD)

Annual Review 2000

Introduction by Vice-Chancellor Prof. Brenda Gourley

The decision, taken in 1997, to establish HEARD has proved to be a far-sighted and, given the rapidly growing rate of HIV/AIDS in South Africa, a responsible one. Although work was being undertaken on issues around HIV/AIDS and Health Economics in the late nineties, it was clear that these matters merited far more concerted attention.

The contents of this Annual Review attest to the fact that HEARD continues to grow from strength to strength. The Director and his senior academic staff are constantly in demand at a national and international level. They are called upon to make presentations, facilitate workshops and to provide up-to-date data and analyses on the socio-economic aspects of the burgeoning HIV/AIDS epidemic on this continent and beyond.

The work of HEARD and its staff enjoys a high profile and the Division has attracted a wide range of visitors - both South African and international - to work with staff, and to consult the resource centre. The close and co-operative relations between HEARD and the Faculty and School have also been beneficial. The interest from post-graduates continues to strengthen, in what

undoubtedly is the major challenge of our time, with HEARD now embarking upon teaching health economics at the post-graduate level, and through short courses – a first for KwaZulu-Natal.

The list of publications emanating from the Division is impressive, particularly so because they include not only rigorous academic journals, but also practical documents aimed at policy makers as well. In particular, the book *AIDS: the Challenge for South Africa*, co-authored by Professor Alan Whiteside and business and scenario guru Clem Sunter, has been a best-seller in South African terms, with the first print run of 12 000 copies being sold in five months.

Setting up new divisions at a time of financial stringency does inevitably involve an element of risk. By virtue of hard work, and the quality of that work, HEARD has been successful in attracting sufficient funding and a diverse range of partners to enable it to carry out its mission with minimal assistance from the University's budget. From its small and modest beginning, HEARD is today at the forefront of the war that must be won.

On behalf of the University of Natal, I wish HEARD continued success. The staff, both academic and support, fully merit the approbation and gratitude, not only of this institution, but also of this country.

INTRODUCTION

The Health Economics and HIV/AIDS Research Division (HEARD) was established in January 1998. In the University restructuring and the new system of Schools and Faculties, HEARD moved from the Department of Economics to the School of Economics and Management, in the Faculty of Management Studies. Professor Alan Whiteside was confirmed as Director of HEARD at the beginning of 1999.

The task of HEARD is to ensure that the University of Natal remains at the forefront of the study of health economics, with special reference to the economic, social and demographic implications of the HIV/AIDS epidemic. HEARD is a relatively small Division. The University finances the Director. Two part-time support staff are financed from the Division's earnings: John Devlin, the Administrator, and Madeline Freeman, the Secretary. The KwaZulu-Natal Government Research Fellow's position continues to be funded by the KwaZulu-Natal Department of Health. The contract was renewed again in 2000 and Ms Karen Michael filled the post up to July. Further additions to the HEARD staff during 2000 were Mr Chris Desmond (January) as a Research Intern, Ms Jaine Roberts (September) as a Research Fellow and Ms Samantha Willan (October) as Project Manager.

In February 2000 Jeff Gow joined the Division as Deputy Director / Acting Director on a one-year contract funded by USAID through The Policy Project of The Futures Group International. Jeff Gow, a health economist, enabled

HEARD to expand its teaching and research to include other mainstream health issues. Jeff's arrival allowed Professor Whiteside to take 'buy out' time and concentrate on writing two books. The first, *AIDS: The Challenge for South Africa* written with Clem Sunter, was published in July. The second, *AIDS: The First Epidemic of Globalisation*, is in preparation. It is being co-authored with Professor Tony Barnett of the University of East Anglia, England.

Two Research Associates are attached to the Division. Rose Smart continued her association during 2000. Her work on impacts of the epidemic on children in particular is widely known. Peter Badcock-Walters joined HEARD early in 2000 as Research Associate, Education.

The highlight of the year was the *XIII International AIDS Conference* held in Durban in July. HEARD was extremely busy around the conference and a major sponsor of the University of Natal booth, with staff actively engaged in organisational matters. HEARD helped organise and facilitate a pre-conference meeting for the Monitoring the AIDS Pandemic (MAP) Network, held from 5th - 7th July. The International AIDS Economics Network (IAEN) symposium organised and co-hosted by HEARD immediately followed this.

PROJECTS

The following projects were undertaken, or carried forward.

1. USAID Project “Operationalising HIV and AIDS Issues for Development”

The project commenced in 1998. In 2000 the first phase of the project was completed. Outputs were:

1. The update of a series of eight AIDS Sectoral Briefs, originally produced for the Global Programme on AIDS, and published by the Academy of Educational Development with the support of USAID.
2. The commissioning of an additional 10 Sectoral Briefs.
3. Production of 10 Briefs for Professionals.
4. Development of a 'Toolkit' for individual Government Departments (e.g. Finance, Labour, Health, Education), targeted principally at African regional and national government structures, although it is the intention to make the toolkits available and applicable (possibly with a few minor adjustments) to a broader international audience.
5. A very successful planning workshop for the Education sector, “The Impact of HIV/AIDS on Education”.
6. Finalisation of a Toolkit for local government.

Once all the Toolkits and AIDS Briefs were produced, the next task was to disseminate them. This was done both by hard copy and downloading from the HEARD website. The Toolkits and 28 Briefs were widely distributed to

United Nations agencies including UNAIDS, UNDP, USAID, DFID, The Policy Project, Monitoring the AIDS Pandemic, and The International AIDS Economic Network Symposium as well as to HEARD workshop participants.

The demand has been so great that four of the Briefs have been reprinted - Construction, Tourism, Health Care Workers and Education. This highlights the need not only to distribute the existing Briefs more widely, but also to develop additional ones. HEARD also produced 8 000 rulers which publicise the Toolkits and Briefs.

A Southern African workshop on "The Impact of HIV/AIDS on Education", was held in April. Co-ordinated and co-facilitated by Peter Badcock-Walters, the workshop involved senior representatives from the Ministries of Education and Finance of nine countries. This successful two-day workshop brought together Botswana, Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Zambia and Zimbabwe, with additional observers from several West African countries. The Director-General of the South African National Department of Education, Mr Thami Mseleku, officially opened it and delivered the keynote address. Some of the findings of Phase 1 were presented in poster form at the *XIII International AIDS Conference*.

2. USAID Project Phase 2: "Operationalising HIV and AIDS Issues for Development"

In the course of the year HEARD was requested to formulate a proposal for a continuation of this project. The second phase of the project has a budget of US\$455 000 and will run for two years from October 2000. The goals are:

- Re-printing and further dissemination of existing Toolkits and Briefs.
- Developing new, and enhancing existing, Toolkits for use by developing countries to support multi-sectoral responses to HIV/AIDS at national and local government level.
- Establishment of the Education Mobile Task Team. This is a team of Southern Africa's leading consultants in the field of HIV/AIDS impact on education, and it will be working with governments across the region to assess, analyse, plan and manage programmes of counter-measures and strategic interventions.
- Undertaking impact studies.
- Developing a comprehensive response to issues around Democracy and Governance and HIV/AIDS.
- Facilitating a Workshop on Planning for Economists and Finance Professionals.

Outputs to date:

- Planning for Economists and Finance Professionals Workshop:

This Workshop took place in Durban from 6 to 8 September 2000. It offered a forum to incorporate the impacts of HIV/AIDS on the economy, and debate the changes, in government and development, that may be necessary to meet the crisis. It was the first time that economists and members of finance and human resource government departments in Southern Africa had met to plan for HIV/AIDS. The meeting attracted 20 people from the following countries: Botswana, Mozambique, Namibia, South Africa, Tanzania, Zambia and Zimbabwe. Two delegates from USAID were in attendance - Robert Young from Washington and Neal Cohen from Pretoria.

The emphasis of the Workshop was that HIV/AIDS is not just a problem for medicine and health, but an issue that cuts across all disciplines, and for which answers to the questions of its macro- and micro- economic impacts are not readily available.

The aims of the Workshop sessions were to look at the indicators and monitoring of HIV/AIDS; to assess the nature of the impact; to enrich analysis of this impact at a sectoral level, and to address questions of effective ways, given scarce resources, of meeting the challenge of these impacts. Central questions were posed regarding which programmes, beyond health and in all sectors, could be designed to address the problems of HIV/AIDS, and how governments could be convinced to channel funds to finance these programmes. Whilst constraints to action in delegates' own environments were acknowledged, they left the Workshop with more concrete ideas on how to modify what has been done, and what can be done.

3. Impact of HIV/AIDS on Education

During the year, HEARD appointed Peter Badcock-Walters, the retired director of the Education Foundation, as Research Associate, Education. This has led to an increased emphasis on education issues in the Division and considerable activity over the year, including the following:

- The first activity was "The Impact of HIV/AIDS on Education" Workshop funded under the USAID Project mentioned above.
- The conceptualisation and initial development of a District Education Managers' HIV/AIDS Resource Kit, designed to empower local level managers to measure, monitor and respond to HIV/AIDS impact and

provide key data. Following project initiation in August, this Resource Kit will be piloted in four Southern African countries (Malawi, South Africa, Swaziland and Zambia) before being refined and made available for use and adaptation throughout Africa. This work was supported by the British Government Department for International Development (DFID).

- The conceptualisation and initiation of a Mobile Task Team (MTT) on HIV/AIDS in education. This activity is designed to bring together leading practitioners in the field, to consolidate knowledge and provide rapid response support and guidance to Ministries of Education all over Africa. The MTT's first assignment was to Namibia in November, to be followed by missions to Zambia and Malawi in early 2001 and a series of workshops in Namibia, in early 2001. A Strategic Planning Workshop was held during December in Johannesburg, where the MTT's Terms of Reference and Scope of Work were reviewed and refined. This work was supported by the second phase grant from USAID.
- Co-ordination and presentation of a workshop for the senior management of the KwaZulu-Natal Department of Education and Culture, and the Province's three universities and three technikons, to examine the impact and implications for teacher demand and supply and its effect on the tertiary sector. This was held in August and was supported by the World Bank.
- The development of a KwaZulu-Natal teacher demand and supply model, involving the adaptation of a national model, to provide and present various demand scenarios for the period 2000 to 2010, and guide response through updating and refinement.
- In association with the University of Southampton, the development of a proposal to map and spatially analyse comparative risk in the education and

health sectors and assess the value of decision support tools in this process.

- The preparation of concept papers and commentary on the impact of HIV/AIDS for the Education Atlas of South Africa 2000, in association with the Education Foundation.
- In collaboration with UNDP and UNICEF, the International Institute for Educational Planning (IIEP) organised a workshop focused specifically on how the functioning of education systems is being affected by HIV/AIDS. It was held in Paris from September 27 to 29. Representatives of international agencies and researchers, educational planners and AIDS focal persons discussed the results of recent impact studies conducted in Botswana, Malawi, Uganda, Tanzania, Swaziland and South Africa, and discussed data collection, analyses, local and national response measures, training needs and knowledge gaps. Several papers were presented, including one jointly written by Peter Badcock-Walters and Alan Whiteside, entitled 'Planning for Practical HIV/AIDS Interventions in Education'.

4. KwaZulu-Natal Provincial Government (Cabinet Briefings)

The following Briefings for the KwaZulu-Natal Cabinet were researched and written in 2000.

- The burden of AIDS-related care on the public health systems in KwaZulu-Natal.
- Protecting the Future: Innovations in Orphan Care.

- The Impact of HIV/AIDS on Girls.
 1. The Latest Trends in HIV Infection in Children and Adolescents.
 2. The Reproductive and Sexual Health of Adolescent Girls in the Context of the HIV/AIDS Epidemic.
 3. The Developmental Implications of the HIV/AIDS Epidemic on Adolescent Girls.
- Education Management in the Era of HIV/AIDS.

Further work undertaken for the KwaZulu-Natal Government included the preparation of briefing notes for the Minister of Health and the supply of background notes to the KwaZulu-Natal HIV/AIDS Action Unit. Topics covered were:

- Trade Related Intellectual Property Rights (TRIPS).
- The Impact of HIV/AIDS on KwaZulu-Natal.
- The Demographic Impact of HIV/AIDS on KwaZulu-Natal.
- HIV/AIDS and Poverty.

5. *AIDS: The Challenge for South Africa*

In January Professor Alan Whiteside and Mr Clem Sunter of the Anglo American Corporation of South Africa agreed to collaborate on the publication of *AIDS: The Challenge for South Africa* in time for the International AIDS Conference. With support from Chris Desmond and Rose Smart the manuscript was completed and published in five months. By November the entire first print run of 12 000 books was sold, and the book subsequently has been reprinted. Most remarkable is the fact that entire project was conducted

via e-mail and telephone, and Professor Alan Whiteside and Clem Sunter met for the first time at the book launch in Johannesburg in late June.

6. *AIDS: The First Epidemic of Globalisation*

Professor Alan Whiteside and Professor Tony Barnett have been given a grant by the Francois Xavier Bagnoud Foundation to write a book with the title *AIDS: The First Epidemic of Globalisation*. The grant has allowed them to 'buy out' time from their respective universities to focus on writing. The book will be published in 2001.

7. Research Project on the Economic Impact of AIDS at the Community Level - Bergville

Jeff Gow was involved in discussions with community groups at Bergville, KwaZulu-Natal, regarding undertaking a project on measuring the economic impact of HIV/AIDS at the household level. He made presentations to the Bergville District Development Forum and Bergville Health Forum about the proposed research project. These groups were receptive to the idea. He also met separately with three tribal chiefs and their councils (Amazizi, Amangwane and Eleven settlements). He presented the research project and received permission to enter their communities to conduct the surveys necessary to collect the data.

At this stage Data Research Africa (DRA) Development came on board the project to act as data collectors and managers. The next step was to construct

the survey instrument and undertake the survey. This involved translating the instrument into Zulu and training field supervisors. DRA supervised the data enumerators and captured the data. Data analysis was then conducted by HEARD. HEARD and DRA will complete the project early in 2001.

8. Local Government Toolkit

During 2000, Research Associate Rose Smart undertook to research, develop and test a Toolkit to facilitate the development of integrated HIV/AIDS responses by local government.

A follow-up workshop from the pilot phase was held with Councillors and officials in September, organised and funded by The Policy Project. Commendable progress has been made in policy formulation and programme implementation, both internally for workers and externally for communities.

The future intention is for a countrywide "Train the Trainer Workshop" to be held, which would highlight the important role that local government can and should play in addressing the HIV/AIDS epidemic. The Toolkit will be used in this initiative.

9. Maritime Project

This project examined the role of the Port of Durban in the transmission of HIV, both in the region and to other ports. The components of the study

included the following activities:

- Establish HIV prevalence among port workers and related workers where possible. Assess the incidence rates and consider risk factors.
- Look at movement in and out of the port of mariners and other transport workers. Assess their interactions with the local population.
- Assess the commercial sex market in the port and relate it to the transport workers and the hinterland communities.
- Try to develop interventions that can be applied in the port.
- Examine the potential impact of the epidemic in the port and on the industry.

The project was supported by the Civil/Military Alliance Against HIV/AIDS, and involved a number of partners. These included: Mark Colvin (Medical Research Council); Ted Leggett (Indicator Project); Alan Smith (Department of Virology, University of Natal); and Trevor Jones (School of Economics, University of Natal). Chris Desmond completed the project in 2000, and a report was sent to the sponsors. The document will be finalised for publication in 2001.

10. UNICEF Study on Orphan Care

HEARD, together with the Institute for Urban Primary Health Care (IUPHC), was involved in a two-part UNICEF-sponsored study on existing models of orphan care in South Africa. The HEARD part of the study involved the use of cost-effectiveness analysis (CEA) to evaluate the relative efficiency of the different models. The IUPHC part of the study involved an assessment of the quality of care provided in six identified models of orphan care.

Data for the study were collected during on-site visits to a number of organisations across the country. The field research was conducted primarily by the IUPHC, although HEARD staff did visit a number of sites. At least one site representing each model of care was selected for CEA. The results of this analysis form the basis for a report that will be submitted to UNICEF early in 2001. The study's findings proved interesting and informative and various recommendations were formulated. Read in conjunction with the IUPHC report, the studies should prove a useful tool in planning for the 2 million orphans expected by 2010.

11. AIDS Workshop, Durban

Twenty-eight delegates from nine countries attended HEARD's third Regional Workshop "Planning for HIV/AIDS in Sub-Saharan Africa", held in Durban from 7th to 28th July 2000. Sponsorship financed 14 participants (European Community: 10; Regional AIDS Training Network (RATN): 4); the other 14 were Government delegates (South Africa, Botswana and Swaziland), representatives of Non-Governmental Organisations, or self-funded groups.

Analysis of the delegates' pre- and post- workshop evaluation questionnaires indicated a high level of satisfaction with the event's content and style of presentation. Professors Whiteside and Barnett were the co-facilitators, and there were four invited guest speakers. Planning to hold the fourth Workshop in July 2001 is underway.

12. AIDS Workshops: UK and Asia

During 2000 Professor Alan Whiteside, together with Professor Tony Barnett, taught a one-month workshop in Norwich, England titled: "Planning for HIV and AIDS in the Developing World".

They also conducted two workshops in Asia in 2000. The first was a one-week workshop in Penang, in co-operation with the University Sains Malaysia. Participants attended this from all over the region. The second was in Manila, where they ran a one-week workshop for the Philippines' National Economic and Development Authority.

13. Town and Regional Planning Commission Report

In 1994 the Economic Research Unit of the University of Natal was commissioned to write a report on the impact of HIV/AIDS on town and regional planning in KwaZulu-Natal. This report comprehensively explored the social, economic and demographic consequences of HIV/AIDS in the province, and drew a number of conclusions about the implications of the epidemic for planning. Five years on, the Town and Regional Planning Commission contracted HEARD to update the 1994 study.

During 2000 the report was completely reworked, based on more recent projections of trends in the epidemic and on a better understanding of the situation and implications of the impacts. The aim of this and the previous report was to provide information and raise awareness among local councils and provincial departments on the problems they face in planning in the

context of the HIV/AIDS epidemic. The report highlighted the need to rethink a number of aspects of planning which could no longer be taken for granted in the face of the epidemic, and demonstrated the interplay between local and provincial government action and the rate of infection.

The findings and issues raised in the report were presented to a meeting called by the Commission in February. The meeting allowed for input from local councils and provincial government, as well as raising awareness of and promoting discussion on the major issues. The report has been finalised along with a report on the proceedings of the meeting, and the Town and Regional Planning Commission will publish both in the course of 2001.

14. XIII International AIDS Conference

Prof. Alan Whiteside and Jeff Gow attended the XIII International AIDS Conference in Durban from 9 to 14 July. Prof. Alan Whiteside chaired some sessions. Chris Desmond participated, and was funded by Family Health International. Karen Michael attended as a journalist for AIDS Analysis Africa. As mentioned in the introduction, HEARD facilitated a pre-conference meeting for Monitoring the AIDS Pandemic (MAP). HEARD participated in the University of Natal's stand at the conference, and distributed a great deal of literature.

15. Harvard Project

The Harvard International Institute of Development and HEARD have been involved jointly in a study on the impacts of HIV-positive workers, at the level of the firm, in local companies. Karen Michael was involved in discussions with three KwaZulu-Natal companies on their involvement, and supervised the detailed data collection efforts at the firms that finally participated in the study. These data are presently being analysed.

16. Presidential AIDS Advisory Panel

During 2000 South African President Thabo Mbeki came under local and international pressure to make a clear and unambiguous statement on the link between HIV and AIDS. A panel was established to advise the president, and Professor Alan Whiteside was invited to join this panel at its inception. He was able to attend only the second meeting, held in Johannesburg in July 2000.

17. Institutional Audit for Debswana

Professor Alan Whiteside, and Professor Tony Barnett of the University of East Anglia, assisted Debswana Diamond Company, Botswana, in carrying out an institutional audit examining the likely effects HIV/AIDS would have on the company. Debswana staff carried out the bulk of the work, but Professors Whiteside and Barnett guided it. Chris Desmond carried out additional analysis, and in August Professor Alan Whiteside and Chris Desmond travelled to Gaborone for a series of meetings to finalise the study.

18. Swedish International Development Agency

In January, Professor Alan Whiteside and Professor Tony Barnett spent a week with the Swedish Development Agency, SIDA, looking at how HIV/AIDS issues could be incorporated into the work of that agency.

19. Botswana Human Development Report

Professor Alan Whiteside was asked by the Botswana Institute for Development Policy Analysis to act as a reviewer and support the preparation of a Human Development Report with an HIV/AIDS focus for Botswana. This work was completed in 2000.

20. Preparation of a Chapter for Family Health International

Together with Anthony Kinghorn and Malcolm Steinberg of Abt Associates, Professor Whiteside was asked to co-author a chapter for a handbook to be published by Family Health International in 2001. The title of the handbook is *HIV/AIDS Prevention and Care Programmes in Resource Constrained Settings: A Handbook for the Design and Management Programmes*. The chapter is titled "Responding to the Socio-Economic Impact of HIV/AIDS."

21. Joint Population Conference: The Demographic Impact of HIV/AIDS in South Africa and its Provinces

HEARD ran one of the five preliminary workshops entitled "Impact of AIDS on Southern Africa", from 2 to 6 October 2000. This workshop, facilitated by Rose Smart and Chris Desmond, involved an introduction to the HIV/AIDS epidemic and its determinants and impacts. It also included a component on "Introduction to Modelling the Epidemic". The delegates workshopped the issues of Sectoral Impact that culminated in discussion and distribution of the AIDS Briefs and Toolkits.

22. Guidelines for the Preparation and Execution of Studies of the Social and Economic Impact of HIV/AIDS

During 2000 Professor Whiteside undertook a commission to write a document entitled: "Guidelines for the Preparation and Execution of Studies of the Social and Economic Impact of HIV/AIDS". This work was co-authored by Professor Tony Barnett. It was completed in December 1999 and published in 2000. The draft document was put on the Web as a discussion document and was well received. It will be published both in hard copy and on the Web by UNAIDS.

23. Projects in hand

In 2000 Professor Whiteside was one of the three principals involved in putting together a bid for the Department for International Development (UK) Knowledge for Action in HIV/AIDS and STIs. He worked in collaboration

with Professor Charles Gilks of the Liverpool School of Tropical Medicine and Dr Adrian Renton of Imperial College, London. In late 2000 they were notified that their bid had been successful, and work will commence in 2001.

A large part of HEARD's work during 2001 will be focused on the UNICEF Global Study on the Impact of HIV/AIDS on All Children. This project will look at the impact of HIV/AIDS on children in the areas of education, health and nutrition. Part of this global study comprises 'paired country comparisons', and South Africa will be considered in comparison to Zambia. This study will begin in January 2001 and be concluded by the end of the year. Chris Desmond will focus on this project during 2001.

JTK Associates, a consultancy company based in Swaziland, has sought the Division's collaboration on a number of projects. These include a study of the impact of HIV/AIDS on the Education sector in Mozambique and one on the impact of AIDS on the civil service in Swaziland. This work began in late 2000 and will continue into 2001.

A cross-country comparison of national government expenditure on HIV/AIDS has also been planned. An examination of private willingness to pay for an AIDS vaccine in South Africa is another project planned. Discussions are being held with the World Bank for funding. A research project on the extent of HIV prevalence as well as socio-economic correlations in Durban's Westville prison is a further project which began in 2000 and will be carried over into 2001.

TEACHING, SUPERVISION AND STAFF ISSUES

TEACHING

Jeff Gow

In the second semester 2000 (August - November), Jeff Gow taught a postgraduate course in Health Economics and Economic Evaluation to 10 Honours and Masters students in the School of Economics. He taught two modules on economics and economic evaluation in health care during the HEARD Planning for the AIDS Pandemic Workshop held 17-28 July. He taught two modules on economic impacts of HIV during the HEARD Finance Ministry AIDS Workshop held 7-8 September.

SUPERVISION

Jeff Gow

Postgraduate Student Supervision

Students supervised included:

- Veni Naidu, Master of Commerce (Economics) (jointly). Thesis title: "The Challenges facing Strategic Market Planning in South Africa in the Presence of HIV/AIDS and Responses of the Business Sector".
- Fiks Luswazi, Bachelor of Commerce (Economics) Honours (solely). Dissertation title: "The Demand for an HIV Preventative Vaccine".

- Katherine Stuart, Bachelor of Commerce (Economics) Honours (solely).
Dissertation title: "Productivity Impacts of HIV/AIDS on a Transportation Firm".
- Mapeiso Mosae, Bachelor of Commerce (Economics) Honours (solely).
Dissertation title: "Firm Labour Demand in the midst of a HIV/AIDS Epidemic".
- Divi Moodliar, Master in Political Economy, University of Port Elizabeth.
Dissertation title: "The Impacts of HIV/AIDS on Durban Metropolitan Council".

Two U.S. postgraduate students spent their summer period (June - August) at HEARD undertaking research on their dissertations:

- John Hodges, School of Public Health, Yale University.
Dissertation title: "AIDS Orphans: Bonding Behaviour".
- Amar Hamoudi, Kennedy School of Government, Harvard University.
Dissertation title: "Social Welfare Impacts of the HIV/AIDS Epidemic".

Junior Staff Supervision

HEARD has two junior researchers supervised by Jeff Gow:
Karen Michael and Chris Desmond.

STAFF

Technical Assistance

During the early part of 1999 a request for technical support was put to USAID in Pretoria. The Division requested that USAID finance a senior

researcher for a year. This support was approved and was run through The Policy Project of the Futures Group International. Jeff Gow was selected and began work at HEARD in February 2000. During Professor Whiteside's absence from February 2000 onwards Jeff Gow has acted as Director with overall management and administrative responsibility for HEARD.

A complete physical relocation of HEARD offices was undertaken under Jeff Gow's supervision, as insufficient space and facilities for their current and future activities were available. The website of HEARD has been overhauled substantially, improved, and expanded. The 1999 HEARD Annual Review was produced under his supervision. He was responsible for recruitment of two new staff members to HEARD, Project Manager (Samantha Willan) and Research Fellow (Jaine Roberts). They commenced work in September and October 2000 respectively.

Jeff Gow sat on the Organising Committee for the University of Natal booth at the XIII International AIDS Conference - Durban, July 9-14. He was also a member of the Joint Chair Universities of Natal and Pretoria Working Group on Economic and Legal Implications of AIDS Policy for Universities.

Merck Sharp and Dohme (MSD) Fellowship

Through the support of MSD, the Division was able to establish a one-year internship position and employ Mr Chris Desmond. He has worked on a number of projects this year, including assistance in writing the report for the Town and Regional Planning Commission, work on the Bergville Project, and the writing of the AIDS Brief on the Financial Sector, as well as providing

research assistance to Professor Whiteside in writing *AIDS: The Challenge for South Africa*. In the second part of the year he was able to work extensively on the UNICEF Project. In addition to project work Chris Desmond gave a number of presentations to a variety of organisations, as well as providing support to students requiring information on the pandemic.

Staff Training

Chris Desmond received sponsorship from the British Council to attend a workshop and a course held at the University of East Anglia in the UK. The first component "Planning for HIV/AIDS: A Policy Research Workshop", consisted of four weeks' interactive teaching and discussion on the various impacts and issues surrounding HIV/AIDS. Participants from various African countries as well as from the Far East and South America allowed for the sharing of many experiences and lessons and the development of useful contacts. Mr. Desmond was able to increase his understanding of the epidemic and obtain a broader international perspective. John Stover, from The Futures Group International, ran the second component. Mr. Stover introduced and examined a number of the mathematical models used in the prediction of HIV prevalence and the estimation of its demographic impacts. Mr. Desmond obtained many useful skills from this teaching, and has been able to offer sessions on the topic at a number of HEARD workshops since.

Much encouragement meant that Ms Michael finally completed her MA, submitted soon after she left HEARD.

LIBRARY / RESOURCE ROOM

Under the guidance of Librarian Judith Shier, access to the Division's library resources was greatly simplified and enhanced during the second half of the year. This involved a complete opening up and re-organisation of the material including texts, reports, journals and HEARD literature, which is widely distributed. Two workstations, complete with phones and computers, were also installed for the use of visitors to HEARD.

PRESS LIAISON

The year 2000 was a busy year for working with the media. Early in the year Professor Alan Whiteside featured in the BBC Money Programme documentary on AIDS in South Africa. In May he was invited to give a presentation to a group of mainly American journalists who were on a visit to South Africa supported by the Kaiser Family Foundation. As a result of this he recorded an interview for the US Public Broadcasting System. During the XIII International AIDS Conference Professor Whiteside recorded interviews with the BBC, CNN and Belgian television. In addition he appeared live on CNN and BBC World. He was interviewed extensively by various radio stations including the BBC, was a guest on a Radio Scotland show and gave extensive interviews to the print media.

WORKSHOPS AND MEETINGS

HEARD has been involved in planning and managing various workshops and meetings including:

- Mapping the AIDS Pandemic meeting, Durban, July 5-6.
- International AIDS Economics Network meeting, Durban, July 7-8.
- Planning for HIV/AIDS in Sub-Saharan Africa: HEARD Workshop, Durban, July 7-28.
- Planning for Economists and Finance Professionals Workshop: HEARD Workshop, Durban, September 7-8.

INTERNATIONAL MEETINGS, PRESENTATIONS AND TALKS

Mr Peter Badcock-Walters

- 3 April Keynote address to the National Conference on Co-operative Education: "The Impact of HIV/AIDS on Education and Human Resource Planning".
- 26 July Presentation of the education sector module at HEARD's third Annual Regional Workshop: "Planning for HIV/AIDS in Sub-Saharan Africa", Durban.
- 16 August "HIV/AIDS in Education: An Introduction to the Impact of HIV/AIDS on Basic and Tertiary Education in KwaZulu-Natal"; Presentation to the KwaZulu-Natal Department of Education and Tertiary Sector.

- 27-29 Sept. Participation in the IIEP international workshop on HIV/AIDS in Education and the presentation of a paper on planning for practical interventions, in Paris.
- September "Planning for Practical HIV/AIDS Interventions in Education", paper to the IIEP International Workshop on HIV/AIDS in Education and PowerPoint presentation, Paris. Paper written with Prof. Alan Whiteside.
- 10 November "Managing the Impact of HIV/AIDS in Education in KwaZulu-Natal"; PowerPoint presentation to the KwaZulu-Natal Department of Education's Strategic Planning Indaba.
- 24 November "Managing the Impact of HIV/AIDS in Education in KwaZulu Natal"; PowerPoint presentation to a Senior Management Workshop of KZNDEC Durban South Region.

Mr Chris Desmond

- 19 July The University of Natal's Leadership Programme, "The Economic, Social and Demographic Impacts of HIV/AIDS".
- 20 July The Town and Regional Planning Commission, "The Impact of HIV/AIDS on Planning Issues in KwaZulu-Natal".
- 25 July HEARD Workshop, Planning for HIV/AIDS in Sub-Saharan Africa, "Modelling the Epidemic".
- 16 August Department of Economic Development and Tourism, "Development in the Face of HIV."
- 24 August Vuleka Radio Productions, HIV/AIDS Broadcast Training Workshop, "Introduction to HIV statistics".
- 7 September Other workshop, "Modelling the Epidemic".

- 19 September University of Natal Centre for Housing Development and Research, course for representatives from the Provincial Department of Housing, "AIDS and Population Projections".
- 22 September University of Natal Medical School, Department of Community Health, Masters Programme in Occupational Health, "The Economic and Demographic Impact of HIV/AIDS, with Emphasis on the Health Sector".
- 29 September University of Natal Medical School, Department of Community Health, Diploma in Occupational Health Programme, "HIV in Industry".
- 2-3 October Co-facilitator, Satellite Workshop, Joint Population Conference, "The Impact of HIV/AIDS on Southern Africa".
- 4 October "The Demographic Impact of HIV/AIDS in KZN", Joint Population Conference, The Demographic Impact of HIV/AIDS in South Africa and its Provinces.
- 10 October IPM Panel Discussion, "HIV/AIDS in Industry".
- 31 October Glaxo Wellcome Workshop on Managing HIV/AIDS in the Workplace, "Economic Impact of AIDS in the Workplace".
- 10 November Department of Education, "Educator Demand".
- 15 December Presentation to UNICEF, Global Study on "Medium- and Long- Term Impacts of HIV/AIDS on Children", Nairobi, Kenya.

Mr Jeff Gow

- 9 March Presentation to joint UNAIDS/KwaZulu-Natal Government meeting on "Economic Impacts of HIV/AIDS Epidemic on KwaZulu-Natal", Durban.

- 6 April Presentation to Bergville District Development Forum on "The Impact of HIV/AIDS on Rural KwaZulu-Natal", Bergville, KwaZulu-Natal.
- 11 April Presentation to School of Economics, University of New England, on "The HIV/AIDS Epidemic in South Africa: Macroeconomic Impacts", Armidale, Australia.
- 15-17 May Keynote Speaker and Resource Person, "Symposium of the Alliance of African Mayors on HIV/AIDS", Africities 2000, Windhoek, Namibia.
- 19 May Presentation to Political Science Honours Programme, University of Natal on "The Current Political Debate on HIV/AIDS", Durban.
- 20 June Presentation to Visiting Professors from University of Richmond, Virginia, U.S.A. on "HIV/AIDS and Its Effects on South African Society", Durban.
- 25 July Talk to Members of Children in Distress (CINDI) on "Orphans, Children and HEARD", Pietermaritzburg.
- 31 July Presentation to U.S. Consul, Craig Kuehl, and USAID Pretoria staff on "Impacts of the HIV/AIDS Epidemic in KwaZulu-Natal", Durban.
- 7 August Presentation to Durban North Region Department of Education District Managers on "HIV/AIDS and Its Impact Upon Learners and Educators in the Province", Durban.
- 16 August Presentation to KwaZulu-Natal Vice Chancellors and KwaZulu-Natal Department of Education Senior Management on "The Impacts of HIV/AIDS on Educational Institutions in KwaZulu-Natal", Durban.

- 25 August Presentation to The Policy Project's Seminar for Private Sector CEOs and Finance Directors on "The Firm and Macro-Level Impacts of the HIV/AIDS Epidemic", Durban.
- 18 October Invited Presentation to International AIDS Physicians' (IAPAC) Conference on "Conducting Cost Effectiveness Analyses in Primary Health Care Settings", Cairo, Egypt.
- 1 November Presentation to Daimler Chrysler AIDS Workshop on "Economic Considerations of the Epidemic, with Special Reference to Human Resources Planning and Management", East London, Eastern Cape.
- 14 November Presentation to Umgeni Water on "The Impacts of HIV/AIDS on the Workforce of Companies", Pietermaritzburg.
- 16 November Presentation to The Policy Project's Southern African Business Forum "Economic Impacts of the HIV/AIDS Epidemic", Mbabane, Swaziland.
- 15 December Presentation to UNICEF, Global Study on "Medium- and Long- Term Impacts of HIV/AIDS on Children", Nairobi, Kenya.

Ms Karen Michael

- 14 February Council on Education in Management. "The Economic Impact of AIDS on the Private Sector in South Africa."
- 23 February Administrators' Forum, University of Natal. "How AIDS will bite into your bottom line!"
- 28 February Durban Chamber of Commerce. "The Impact of HIV on Small Business in South Africa."

- 9 March Meeting with KwaZulu-Natal Premier's Office: "The Role of HEARD."
- 11 April SADC Education Workshop. "The Economic Impacts of HIV/AIDS."
- 18 April Association of Professional Educators KwaZulu-Natal (APEK). "The Impact of HIV/AIDS on the Education Sector."
- 26 April African Cities Conference: "AIDS and the African City."
- 23 May Presentation to Young Presidents Organisation.
- 21 July Centre for Policy Studies and the Woodrow Wilson Centre. "Forum on HIV/AIDS Orphans: Building an Urban Response to Protect Africa's Future."

Ms Jaine Roberts

- 3 October University of Natal Centre for Housing Development and Research, course for representatives from the Provincial Department of Housing, "AIDS and Population Projections."

Ms Rose Smart

- 11 July "Local Government responds to HIV/AIDS." XIII International AIDS Conference.
- 27 July "National and Local Government Toolkits", Planning for HIV/AIDS Workshop.
- 10 August Meeting of Health and Finance Ministers; Presentation at CHRCS Conference, Nairobi.
- 8 September Presentation at "Assessment of and Planning for Economic and Human Resource Costs Workshop."

2-3 October "Impact of HIV/AIDS on Southern Africa". Satellite Workshop at NPU Conference.

Prof. Alan Whiteside

11 January "AIDS and Development", to SIDA staff, Stockholm, with Tony Barnett.

11 January "AIDS and Development", to an invited audience, mainly NGOs in SIDA headquarters, Stockholm, with Tony Barnett.

25 January "AIDS and Development in Southern Africa", University College, London.

16 February AMB-DLJ Securities HIV/AIDS Conference 2000. African Merchant Bank and Donaldson, Lufkin and Jenrette Inc., Cape Town.

17 February Breakfast Briefing. "HIV/AIDS in Southern Africa". British Parliamentarians' Development Select Committee, Pretoria.

19 February "The Impact of HIV/AIDS on the South African Economy", NACOSA dinner, Durban.

21 February "An update of HIV/AIDS in KwaZulu-Natal", Town and Regional Planning Commission, Durban.

25 February Address to Southern Africa Democracy and Governance Officers Workshop, USAID, Maputo.

13 April "Understanding AIDS in Southern Africa", IDASA, Cape Town.

6 May "HIV/AIDS in South Africa". Presentation to Kaiser Foundation Journalists Tour, Phinda.

24 May "HIV/AIDS and Development". Public Lecture, UEA, Norwich.

- 13 June "HIV/AIDS and Education". Lecture, IDS, Sussex.
- 20 June Oral evidence to British Parliamentarians' Development Select Committee, House of Commons, London.
- 7 July "HIV/AIDS: The Challenge for South Africa", with Clem Sunter, Rotary Club, Durban.
- 1 August "HIV/AIDS The Challenge for South Africa", Tradeshare employees, Ballito.
- 7 September "AIDS: The Challenge for South Africa". Forum Lecture, University of Natal, Durban.
- 7 September "AIDS: The Challenge for South Africa". Durban Chamber of Commerce and Industry.
- 19 September "HIV/AIDS in Southern Africa". Business Exchange on AIDS and Development, London.
- 25 October "Commentary on Social and Economic Dimensions of HIV/AIDS", USAID Symposium "HIV/AIDS and Girls' Education", Washington.
- 25 October "AIDS: The Challenge for South Africa", Family Health International, Washington.
- 16 November "HIV/AIDS and Policy", IDS, Sussex.
- 22 November "AIDS and Business". Video Conference with Deutsche Bank, London and Johannesburg.
- 29 November "HIV/AIDS, Development and Poverty", ODI, London, with Tony Barnett.

PUBLICATIONS

Mr Peter Badcock-Walters

- "The Management of HIV/AIDS at the Education District Level: The case for the collection of local indicators"; draft discussion paper, August.
- "HIV/AIDS Prevention in Education Institutions: Observations from the XIII International AIDS Conference"; *AIDS Analysis Africa*, Volume 11, August/September.
- "Planning for the Impact of HIV/AIDS in Africa: The Design and Assessment of Strategic Decision Support Tools for the Education and Health Sectors", with Prof. Michael Clark; a proposal for the mapping and spatial analysis of comparative risk in Africa, October.
- "Namibia: Report of the USAID Africa and MTF Mission to Namibia on HIV/AIDS and Education", with Drs. Brad Strickland and Joan Woods, November.
- "The HIV/AIDS Crisis in Southern African Education"; a briefing paper, November.
- "Where Have All the Flowers Gone?: A Preliminary Analysis of the Decline in First Year School Enrolment in KwaZulu-Natal and Possible Links to HIV/AIDS"; discussion paper, December.

Mr Chris Desmond

- "The Financial Sector AIDS Brief", USAID.
- "The Impact of HIV/AIDS on Planning", Town and Regional Planning Commission.

- Jeff Gow, Karen Michael and Chris Desmond, "The Hidden Battle: HIV/AIDS in the Household and Community", *South African Journal of International Affairs*, Winter 2000.

Mr Jeff Gow

- Various short research papers for the KwaZulu-Natal Ministry of Health on the impacts of the epidemic. Examples include: AIDS Orphans, TRIPS Agreement, and AIDS in Prisons.
- UNICEF commissioned research on Costing Six Alternative Models of Orphan Care.
- Jeff Gow, Karen Michael and Chris Desmond, "The Hidden Battle: HIV/AIDS in the Household and Community", *South African Journal of International Affairs*, Winter 2000.
- Jeff Gow and KC Goyer, "Capital Punishment? The Risk of HIV/AIDS in Prison", *Crime and Conflict*, No.21, Spring 2000.

Ms Karen Michael

- "Unbelievable: AIDS Reporting in the Business Press", *AIDS Analysis Africa*, Vol. 10, No. 4, December/January 2000.
- "The Hidden Battle: HIV/AIDS in the Household and Community", with Chris Desmond and Jeff Gow, *South African Journal of International Affairs*, Winter 2000.
- "The Economic Impact of HIV/AIDS", *Traders*, Issue 2, April- July 2000.
- "Impact of HIV/AIDS on Planning in KwaZulu-Natal: A Report for the Town and Regional Planning Commission", with Alan Whiteside and Chris Desmond, *AIDS Analysis Africa*, Vol. 10, No. 4. December/January 2000.

Ms Rose Smart

- "Orphans, Vulnerable Children and the Threat of HIV Infection"; *AIDS Analysis Africa*, Aug/Sept 2000, Vol. 11, No. 2.
- "An Overview of the AIDS Conference"; *AIDS Analysis Africa*, Aug/Sept 2000, Vol. 11, No. 2.
- "Home and Community Care: Paris Conference"; *AIDS Analysis Africa*, Apr/May 2000, Vol. 10, No.6.
- AIDS Briefs and Toolkits: practical tools for integrating HIV/AIDS into different sectors; Sexual Health Exchange.
- Chapter for the Whiteside and Sunter book, *AIDS: The Challenge for South Africa*.
- HIV/AIDS and Education Workshop Report (April 2000).

Professor Alan Whiteside

- Alan Whiteside and Clem Sunter, *AIDS: The Challenge for South Africa*. Human and Rousseau Tafelberg, South Africa, 2000.
- Tony Barnett, Alan Whiteside, Lev Khodakevich, Yuri Kruglov and Valentyna Steshenko, "The HIV/AIDS Epidemic in Ukraine: its potential social and economic impact", *Social Science and Medicine*, Vol. 51, 2000.
- Tony Barnett, Alan Whiteside and Josef Decosas, "Perspectives on HIV/AIDS: The Jaipur Paradigm - a conceptual framework for understanding social susceptibility and vulnerability to HIV", *South African Medical Journal*, Vol. 90, No.11, November 2000.
- Tony Barnett and Alan Whiteside, *Guidelines for Studies of the Social and Economic Impact of HIV/AIDS*, UNAIDS, Geneva, Switzerland, 2000.

- Alan Whiteside, Mary O'Grady and Anita Alban, "The Economic Impact of HIV and AIDS in Southern Africa", *AIDS Infothek*, Special Issue supported by the Federal Office of Public Health, Switzerland, 2000.
- Jonathan Simon, Sydney Rosen, Alan Whiteside, Jeffrey R Vincent and Donald M Thea, "The Response of African Businesses to HIV/AIDS", in *HIV/AIDS in the Commonwealth 2000/1*. Publication presented at the XIII International AIDS Conference, Durban, South Africa, 9-14 July 2000.
- Alan Whiteside, "The Economic Impact of AIDS in Africa", *Canadian Journal of Gastroenterology*, 2000, Vol. 14, No. 8.

MEMBERSHIPS

Professor Alan Whiteside

Professor Alan Whiteside was a member of:

- The Waterford Trust, based in the UK;
- Governing Council of Waterford Kamhlaba United World College in Swaziland; and
- The South African HIV/AIDS and STD Advisory Committee.
- He continued as Editor, *AIDS Analysis Africa*; and
- Member of the editorial board, *The AIDS Bulletin*;
- In June he was elected as an African representative to the Council of the International AIDS Society headquarters in Stockholm.

Mr Jeff Gow

Mr Gow was a member of the Selection Committee for USAID-funded research projects on 'The Economic Impacts of the HIV/AIDS Epidemic'.

Ms Karen Michael

Ms Michael was co-opted onto the steering committee of the Harvard AIDS Initiative Project for KwaZulu-Natal under the directorship of Prof. V. Gathiram, to provide technical assistance for project implementation.

Mr John Devlin

Mr John Devlin is a member of the RATN (Regional AIDS Training Network, based in Nairobi) Steering Committee, and attended their meeting in Johannesburg in May.