

Winter School



23 JUNE – 11 JULY 2014



UNIVERSITY of the
WESTERN CAPE



A place of quality,
a place to grow, from hope
to action through knowledge

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winter school 2014

Introduction

The University of the Western Cape School of Public Health is proud to present the 36th short course school in a series of Winter and Summer Schools held at UWC since 1992.

These courses expose health and health-related workers to the latest thinking in Public Health and enable them to discuss and exchange ideas on improved planning and implementation of Primary Health Care in the changing environment of the developing world. To date, some 10,000 participants, mainly nurses and middle level managers have attended these courses, from all over South Africa and many other African countries. As many of these courses are also used as the teaching blocks of the UWC Master of Public Health degree, the highest academic and practical standards are maintained.

Most courses are one week long to allow busy health workers to receive continuing education with minimal disruption of their services. The success of these courses lies in their relevance as shown by the fact that many students come back to our Winter School regularly. Selection of subjects reflects the main public health priorities. This year we are offering courses covering a wide range of management, programme development and policy and planning issues.

The cost of courses is kept to an absolute minimum, to allow for the fullest participation.

CLOSING DATE FOR APPLICATIONS:

11th April 2014

Note: Most of the courses are accredited for Continuing Professional Development for doctors, dentists and dieticians. Information on the number of points allocated to each course is indicated on the individual course outline.

Course details

1. VENUE:

School of Public Health building, University of the Western Cape, unless otherwise specified in correspondence.

2. COURSE FEES:

Note: Please refer to each individual course for course fee details.

Please send us your application form before **11th April, 2014**, but also apply for funding to your funder as soon as possible. We urge you not to wait for your funding to be approved before sending in your application. Late applications, i.e. applications received after the closing date of **11th April, 2014**, will be subject to a R500 late registration fee per course.

Payment is due within 30 days of application. Bookings will only be confirmed upon receipt of payment.

Cancellations need to be faxed or emailed to us one week before the commencement of a course otherwise you will be liable for an administrative fee of 50% of the total course fees and a late registration fee of R500 per course.

Fees for foreign applications: one week course **US \$600** and two week course **US \$1100**.

3. COURSE TIMES:

08h30 to 17h00 unless otherwise specified.

4. REGISTRATION:

A place will be secured by submitting proof of payment of course fees with your application. Receipts will be issued for cash payments. Cheque payments must be marked clearly for: **The University of the Western Cape.**

Registration for the particular course you are attending will take place at 08h00 on the Monday of the week in which it will be held, at the School of Public Health, UWC, unless otherwise specified.

5. DURATION:

Courses run from Mon to Fri of each week.

WINTER SCHOOL ADMINISTRATION

For Attention:

Tasneem Parker or Marlene Petersen

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University of the Western Cape

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Accommodation, meals & transport

1. ACCOMMODATION IN CAPE TOWN

The University will unfortunately not be offering accommodation on campus for the 2014 Winter School. Participants are therefore requested to make their own private accommodation arrangements off-campus.

We recommend a number of Bed and Breakfast establishments in the area (Please see the "Important Notice" section at the end of the brochure)

Participants will have to arrange their own daily transport to and from lectures.

No transport will be offered by UWC. A list of transport vendors is available at the "Important Notice" section of the brochure.

2. MEALS AND REFRESHMENTS

Mid-morning teas, afternoon teas and lunches will be provided for all participants.

The cost of the teas and lunches is included in the course fees.

On Fridays no lunch will be served. Instead refreshments will be served after the graduation ceremony.

3. GENERAL INFORMATION

A Graduation Ceremony will be held at the end of each course on the Friday from 13h30 to 15h30. You are therefore kindly requested to book your return ticket for Friday night or Saturday morning. We encourage all participants to attend their graduation event at which senior staff of local institutions or other dignitaries are invited to speak and officiate.

4. TRAVEL INSURANCE

Participants travelling from abroad should kindly note that the University of the Western Cape will not be liable for any health insurance.

Non-South Africans:

It is imperative that non-South Africans submit proof of Medical Travel Insurance before arrival. If this is not submitted your application will be cancelled. Please fax/email your proof of insurance prior to your arrival in South Africa.

South Africans:

Please note that you should bring with you a medical aid card or cash in case of an emergency. UWC will not be held liable and will not be able to assist you financially in case of an emergency.

1 COMPUTERISED DISTRICT HEALTH INFORMATION SYSTEMS: INTERMEDIATE COURSE

DURATION: 1 week (23 – 27 June 2014)

COST: R4 070

CONVENORS:

HISP (HEALTH INFORMATION SYSTEMS PROGRAMME)

AIM:

An in-depth understanding of the District Health Information Software (DHIS), with specific focus on data quality, data analysis and data presentation.

OBJECTIVES:

By the end of the course, you should be able to:

- Install DHIS and updates.
- Understand and run more complex imports and exports of DHIS data.
- Use Excel pivot tables and charts to analyse and present data.
- Understand and use most Maintenance and Control Centre functions.

The course will use sample data. Participants will work individually or in small groups in a computer laboratory.

COURSE CONTENT:

The course is based on sample data from health facilities and districts in South Africa. Participants will work on individual computers and will perform the following tasks:

- Create and update Users and Admin Functions.
- Prune data file.
- Review data entry and editing.
- Review data validation.
- Run data quality reports.
- Import and export data.
- Create and manipulate pivot tables.
- Create graphs and use them in reports/presentations.
- Run Maintenance functions.
- Run Control Centre functions.

TARGET GROUP:

Computer-literate health or health related workers, both national and international who wish to acquire intermediate knowledge and skills on the DHIS.

Pre-requisites:

- A pre-admission test may be required in order to determine eligibility for course admission.
- Knowledge of key health issues, including goals, targets and indicators.
- Background in Health Policies (APP, DHMIS and Facility SOP).
- Knowledge about the Information Cycle.
- Experience with the DHIS or have completed a DHIS Foundation course. Must know how to capture data and run basic data quality checks.
- Intermediate skills in Word, Excel and PowerPoint.

CPD Points: 40

2 USING GEOGRAPHICAL INFORMATION SYSTEMS (GIS) FOR ANALYSING AND MAPPING HEALTH CARE ISSUES

DURATION: 1 week (23 – 27 June 2014)

COST (includes computer laboratory fees): **R4 070**

CONVENORS:

- Ms Sandy Dove
(HEALTH INFORMATION SYSTEMS PROGRAMME)

AIM:

To give health information managers, officers and workers a basic and practical introduction to the use of GIS technology, for analysing and displaying health information in map format.

We will use a free and open source GIS package called Quantum GIS (QGIS). The sources will vary from Excel tables, Access tables and user-defined queries in DHIS. A key component of the course will explore the link or interface between DHIS and QGIS.

OBJECTIVES:

Many people mistakenly assume that geospatial applications produce just maps, but geospatial data analysis include computing:

- Distances between geographic locations.
- The amount of area (e.g., square meters) within a certain geographic region.
- What geographic features overlap other features.
- The amount of overlap between features.
- The number of locations within a certain distance of another etc..

By the end of the course, you should be able to:

- Demonstrate an understanding of the basic principles of GIS and mapping: layers, scale, projections, raster/vector, and map types.
- Basic understanding of Quantum GIS (QGIS).
- Produce meaningful maps.
- Extract information from the DHIS or similar systems in format compatible with available background maps.

- Export such information to Quantum GIS (QGIS) .
- Enhance maps through using various analysis options, the Query Builder, and/or background images.
- Integrate maps, tables, graphs, illustrations, and text into reports and slideshows.
- Modify available background maps.
- Use a hand-held Global Positioning System (GPS) receiver to accurately locate facilities. (This depends on the availability of GPS).
- Demonstrate the ability to assess the quality and accuracy of maps and spatial data.

The course will use real data and will focus on technical issues and skills. Participants will work individually or in small groups in a UWC computer laboratory.

NB: Participants are encouraged to please bring some of their own data to map by facility or local municipality or district municipality which will happen at the end of the week.

TARGET GROUP:

Health related staff and information managers, officers, technicians, IT staff, and system developers/programmers who have experience with the DHIS and who want to increase their technical and operational skills in utilizing the software for mapping purposes.

Pre-requisite skills:

- Knowledge of and experience with MS Office Pro 97/2000/XP (including Access)
- Knowledge of key health issues, including goals, targets, and indicators
- Experience with the District Health Information Software (DHIS).

CPD Points: 40

3 INFORMATION SYSTEMS FOR HUMAN RESOURCES FOR HEALTH

DURATION: 1 week (23 – 27 June 2014)

COST: R3 300

CONVENOR:

- Ms Verona Mathews
(SCHOOL OF PUBLIC HEALTH, UWC)

OBJECTIVES:

By the end of the course you should be able to:

- Discuss how policies influence the managing and planning of human resources for health.
- Describe the components of an Information System.
- Construct, calculate and interpret human resource indicators.
- Describe the different approaches used to Human Resource Planning in the public health workforce.
- Discuss and assess different approaches to monitoring human resources for health.

COURSE CONTENT:

The course aims to emphasize the importance of managing, monitoring and planning of human resources for health to improve the health outcomes of the population. This will enable participants to develop, calculate and interpret human resource indicators as a mechanism for monitoring and planning of human resources for health. It provides an overview of the components of Human Resources for Health and Information Systems specifying approaches to human resource planning and developing information systems for monitoring human resources.

ACTIVITIES:

The course will consist of a mix of presentations, individual and group practical exercises, a case study and plenary discussions drawing on participants' experiences and expertise in the human resource field.

TARGET GROUP:

The course is aimed at Human Resource Officers, Human Resource Clerks, Skills Development Facilitators, Training Coordinators, Human Resource Managers at all levels and any other interest groups concerned using human resource information for monitoring and planning the public health workforce.

CPD Points: 40

4 HEALTH MANAGEMENT

DURATION: 1 week (23 – 27 June 2014)

COST: R3 300

CONVENOR:

- Prof Helen Schneider
(SCHOOL OF PUBLIC HEALTH, UWC)
- Dr Vera Scott
(SCHOOL OF PUBLIC HEALTH, UWC)

AIM:

To empower participants with the knowledge and skills to effectively manage health services.

OBJECTIVES:

By the end of the course the you should:

- Understand approaches to the concepts of leadership and management.
- Be able to define your role as leader/manager in the context of the Health System.
- Develop skills for analysing every day management and service delivery problems, and plan improvements to address these problems.
- Understand the scope of human resource management and the systems and skills required for managing relationships with people in your organisational environment.
- Appreciate systems requirements for managing information, finances and other resources to achieve better health.
- Have reflected on your own management practices and how to improve these.

COURSE STRUCTURE:

The course will comprise lectures, discussions and group work. Lecturers will include experienced health managers. Case studies from within South Africa and other developing countries will be used to relate theoretical content to real-life experiences in a variety of settings. Lectures will be followed by discussions encouraging participants to draw on their own experiences and share the lessons they have learned. Participants will work in small groups to develop and present an operational plan using the logical framework matrix.

TARGET GROUP:

Managers of health and social services programmes at district, provincial or national level; managers of community based or non-governmental organisations.

CPD Points: 40

5 DIET AND DISEASE

DURATION: 1 week (23 – 27 June 2014)

COST: R3 300

CONVENORS:

- Prof Thandi Puoane
(SCHOOL OF PUBLIC HEALTH, UWC)
- Prof Rina Swart
(DIVISION OF DIETETICS, UWC)
- Ms Lungiswa Tsolekile
(SCHOOL OF PUBLIC HEALTH, UWC)
- Ms Ernesta Kunneke
(DIVISION OF DIETETICS, UWC)

AIM:

To provide health personnel with an overview of diet related non-communicable diseases, so as to use this knowledge to empower community members to make healthy choices about the food they eat.

OBJECTIVES:

By the end of the course you should have an understanding of:

- Epidemiology of non-communicable diseases.
- The role played by nutrition in prevention of diseases.
- Diet as a risk factor for certain diseases.

COURSE STRUCTURE:

The course will be structured around: Epidemiology, dietary factors (causation and prevention), morbidity and mortality during the lifecycle.

Topics will include:

- Prenatal influences on disease in later life,
- Inequalities in diet and health,
- Diet as a risk factor in disease (cancer, cardiovascular diseases, etc)
- Use and interpretation of anthropometric indicators of nutritional status.

TARGET GROUP:

The course is directed at health workers at primary health care level.

CPD Points: 40

6 QUALITATIVE RESEARCH METHODS

DURATION: 1 week (23 – 27 June 2014)

COST: R3 300

CONVENORS:

- Ms Lucy Alexander
(SCHOOL OF PUBLIC HEALTH, UWC)
- Prof Brian van Wyk
(SCHOOL OF PUBLIC HEALTH, UWC)
- Dr Thubelihle Mathole
(SCHOOL OF PUBLIC HEALTH, UWC)
- Guest presenters

AIM:

The course is designed as an introduction for Honours or Masters students. The general aim of this course is to deepen participants' understanding of the conceptual and theoretical issues and practical methods of qualitative research, in order to strengthen their skills and increase the rigour and credibility of their research in health care settings.

PRE-REQUISITES:

Some prior training in research methods (qualitative or quantitative) is required to engage effectively with this course, i.e. credit for a course at undergraduate level or evidence of research experience in the field. Please include either an academic transcript, or a one page detailed description of the role you have played in a research study, with email contact details of the Principal Investigator or your supervisor.

OBJECTIVES:

Through participating in the course, you should be able to:

- Further explore the theoretical underpinnings and perspectives of qualitative research.
- Debate the purpose and key characteristics of qualitative research methods.
- Identify and develop research questions which are best addressed by qualitative methods.
- Differentiate selected qualitative approaches appropriate to health care settings and explore what they bring to a qualitative research study.
- Critically engage with strategies to enhance the quality (rigour) of qualitative research studies.
- Discuss ethical considerations in qualitative research.
- Engage in practical exercises to hone data collection and data analysis skills.

These objectives will be achieved through exploring and analysing examples of qualitative research studies, and using group work and presentation methods. It will be an advantage for participants to have identified their own research topic to explore during the course.

TARGET GROUP:

Honours or Masters students, researchers and health practitioners in government, research institutions and non-governmental organisations who possess at least some research training at undergraduate level.

CPD Points: 40

7 ALCOHOL PROBLEMS: DEVELOPING MULTI-FACETED PROGRAMMES FOR COMMUNITIES LIVING WITH ALCOHOL

DURATION: 1 week (23 – 27 June 2014)

COST: R3 300

CONVENORS:

- Dr Kirstie Rendall-Mkosi
(UNIVERSITY OF PRETORIA)
- Some sessions by:
 - Alcohol and Drug Abuse Research Group, MRC
 - Experts based in Cape Town

AIM:

To develop an understanding of, and skills in, community based action on alcohol problems.

OBJECTIVES:

At the end of the course, you should be able to:

- Demonstrate an understanding of different models of alcohol use and approaches to dealing with problem drinking.
- Demonstrate an understanding of historical and current socio-political and legislative issues relevant to alcohol internationally and in South Africa.
- Demonstrate an understanding of a comprehensive approach to drinking problems, including prevention, promotion and rehabilitation activities.
- Develop an understanding of the use of policies to reduce alcohol-related problems.
- Plan strategies for engaging communities in aspects of a comprehensive programme which lead to local action on alcohol problems.

COURSE CONTENT:

Introduction to the burden of disease and social problems related to alcohol misuse.

- Complexity of causes and effects of alcohol misuse in society and models of understanding the problem.
- Community based programme planning and development using the Ottawa Charter as a framework.
- Policies that support the prevention of alcohol-related problems.
- Skills development in screening and brief motivational interviewing.
- Skills development in participatory methods for stimulating community action.

TARGET GROUP:

The programme is designed to be useful for all health, welfare and development workers who face alcohol problems in the communities in which they work. They should be interested in engaging community members in tackling issues such as trauma and domestic violence, maternal drinking, binge drinking and drinking amongst youth. Some time will be spent applying principles of community based programme planning to the participants' own work contexts.

CPD Points: 40

8 COMPUTERISED DISTRICT HEALTH INFORMATION SYSTEMS: Advanced Course

DURATION: 1 week (30 June – 4 July 2014)

COST (includes computer laboratory fees): **R4070**

CONVENORS:

HISP (HEALTH INFORMATION SYSTEMS PROGRAMME)

AIM:

An advanced understanding of the District Health Information Software (DHIS), with specific focus on developing a data file from scratch, importing data, and advanced data quality, data analysis and data presentation.

OBJECTIVES:

By the end of the course, you should be able to:

- Understand and run complex imports and exports of DHIS data.
- Use the backend to identify problems and implement solutions.
- Create and use report segments.
- Create a pivot table from scratch and create advanced graphs.
- Create a data file with the necessary orgunits, data elements, indicators, data sets, groups etc.
- Understand and use advanced Maintenance and Admin functions.

The course will use sample data and will focus on technical issues and skills. Participants will work individually or in small groups in a computer laboratory.

COURSE CONTENT:

The course will be based on sample data from health facilities and districts in South Africa. Participants will work on individual computers and will perform the following tasks:

- Combine users.
- Run data integrity checks using the backend to resolve issues.
- Advanced import and export of data.
- Use the Pivot Generator.
- Create report segments.
- Create pivot tables from scratch.
- Create advanced graphs.
- Create a data file from scratch.
- Run advanced Maintenance functions.

TARGET GROUP:

Computer-literate health or health related workers both national and international who wish to acquire advanced knowledge and skills on the DHIS

PRE-REQUISITE SKILLS:

- A pre-admission test may be required in order to determine eligibility for course admission.
- Knowledge of key health issues, including goals, targets and indicators
- Basic requirements for importing and exporting data.
- Advanced skills in Excel.
- At least 6 months experience working with or in the DOH.

CPD Points: 40

9 MONITORING & EVALUATION OF PRIMARY HEALTH CARE PROGRAMMES: Programme I

DURATION: 2 weeks (30 June – 11 July 2014)

COST: R5 390 (Fee includes Programme II which will be offered during Summer School)

CONVENORS:

- Prof Thandi Puoane
(SCHOOL OF PUBLIC HEALTH, UWC)
- Ms Lucy Alexander
(SCHOOL OF PUBLIC HEALTH, UWC)
- Prof Ehimario Igumbor (CENTERS FOR DISEASE
CONTROL AND PREVENTION, CDC)
- Ms Lungiswa Tsolekile
(SCHOOL OF PUBLIC HEALTH, UWC)

COURSE DESCRIPTION:

This course will provide health workers with the opportunity to develop an understanding of key evaluation concepts and issues, and will expand their knowledge on evaluation approaches and methods. In particular, the course will focus on the key complexities inherent in the monitoring and evaluation of programmes based on Primary Health Care and Health Promotion principles.

Participants will be involved in critically appraising evaluations and will design a monitoring and evaluation system relevant to their programmes. Participants will also develop relevant tools to enable them to implement monitoring and evaluation systems within existing programmes.

COURSE CONTENT

The course will focus on:

- Overview of monitoring and evaluation.
- Conceptualizing a monitoring system and an evaluation plan.
- Contemporary issues and challenges in Primary Health Care evaluation.
- Monitoring and evaluation indicators.
- Evaluation methods.
- Planning for evaluation.
- Evaluation resources.
- Developing a monitoring system and evaluation plan.

Each participant will be assisted to develop a monitoring plan and an evaluation proposal, which focus on some aspect of their project or programme that requires monitoring and evaluation.

Participants who wish to attend the course must be prepared to complete all the three stages of the course (see below):

STAGE 1: Two-week course at the 2014 Winter School (Programme I).

STAGE 2: Fieldwork: Collecting and organizing the data (4-5 months)

Having completed the first stage, the participants return to their work situation and proceed to carry out their evaluation study, working on the implementation of their proposals, pre-testing and finalising their instruments, collecting data and beginning to organise the data for subsequent analysis.

STAGE 3: Analysis, writing up, presentation and dissemination of evaluation reports (1 week – during Summer School 2015)

During this stage participants meet again for one week. Techniques in data presentation, statistical analysis and report writing are further refined and participants finalise their reports. They also discuss plans for the dissemination of results and develop new monitoring plans and evaluation proposals to be conducted outside the framework of the training course.

TARGET GROUP:

- Programme or project officers, development and health professionals who are implementing health programmes or projects and members of provincial or district health management teams.
- Students registered for the Master of Public Health degree at UWC who have chosen Health Research as a stream may attend this course for the first week only.

CPD Points:80

10 URBANISATION AND HEALTH IN DEVELOPING COUNTRIES

DURATION: 1 week (30 June – 4 July 2014)

COST: R3 300

CONVENORS:

- Dr Ruth Stern
(SCHOOL OF PUBLIC HEALTH, UWC)
- Professor John Seager (EXTRAORDINARY
PROFESSOR, SCHOOL OF PUBLIC HEALTH, UWC)
- Mr Warren Smit
(AFRICAN CENTRE FOR CITIES, UCT)

OBJECTIVES:

By the end of the course, you should be able to:

- Differentiate between urbanisation, urban growth and migration.
- Describe the demographic trends within cities in Africa including the scales of urbanisation that span the rural – urban continuum.
- Identify and describe the socio-economic and environmental determinants that impact on the health of urban dwellers, including the inequities within cities.
- Advocate for stakeholders to adopt an inter-sectoral approach to address the range of health and health related concerns.
- Identify and describe the role of health systems and other sectors in relation to service provision in deprived urban areas, and their capacity to work inter-sectorally to address the impact of urbanisation and urban growth on the burden of disease.
- Critically evaluate the principles of governance, accountability and participation in relation to urban communities.
- Critically review and build on the experiences shared on the course to formulate programme and policy recommendations.

COURSE CONTENT:

The course will draw on the following elements:

- Urban health and development, including historical trends, demographic and epidemiological transitions.
- An analysis of health and equity in health according to the socio-economic and environmental determinants of health.
- The impact of globalisation on cities, including inequities in cities.
- An analysis of health systems in relation to the concerns of urban health.
- Specific focus on key health issues, including HIV/AIDS/TB, nutrition, violence, water and sanitation and waste management (diarrhoeal diseases), housing and land tenure and transport.
- Disadvantaged communities within the urban setting, e.g. women, children, refugees, disabled people.
- Building inter-sectoral relationships and strategies, such as the WHO Healthy Cities Approach.
- City governance and community participation.
- Capacity building within organisations and communities.
- Translating research into policy (including priority setting, community participation and effective communication).

TEACHING METHODS:

The course will use a combination of presentations, group discussions and participatory activities, visiting lecturers and guided reading materials

TARGET GROUP:

Managers and policy makers from health and welfare, environmental health, town planning, housing, safety and security and social development, all at a local, provincial (regional) and national level, along with public health researchers, representatives from relevant NGOs and CBOs, and ward councillors.

CPD Points: 40

11 USING HEALTH INFORMATION FOR EFFECTIVE MANAGEMENT: Intermediate Course

DURATION: 1 week (30 June – 4 July 2014)

COST: R3 300

CONVENORS:

- Dr Gavin Reagon
(SCHOOL OF PUBLIC HEALTH, UWC)
- Prof Ehimario Igumbor (CENTERS FOR DISEASE
CONTROL AND PREVENTION, CDC)

AIM:

To enable middle and senior managers to optimally utilise information as a managerial tool for running district health services.

OBJECTIVES:

At the end of the course you will be able to:

- Develop valid and sensitive indicators.
- Improve the accuracy of available data.
- Analyse and interpret a wide range of managerial information.
- Integrate and selectively present relevant information.
- Define a minimum dataset for a managerial information system.
- Use information during operational and strategic planning.
- Use information to determine equitable resource allocation.

COURSE STRUCTURE:

- The course is delivered using a problem solving methodology structured around an actual district health management information dataset.
- Key concepts and principles of health information systems are presented which are then discussed and debated in an interactive manner. Participants then use the dataset in resolving common real-life managerial dilemmas.
- Teamwork is emphasised during problem solving sessions.
- In all of the above activities the acquisition and refining of the skills required to effectively utilise an information system are concentrated upon.

TARGET GROUP:

Management team members who would like to improve their information generation and utilisation skills. This would include:

- District Information Officers
- District Health Managers
- District Programme Managers
- Provincial and National Information Officers
- National and Provincial Programme Managers

NOTE 1: This course is not about computers and no computer knowledge is required.

NOTE 2: Participants should bring a calculator.

CPD Points: 40

12 INTRODUCTION TO COMPLEX HEALTH SYSTEMS

DURATION: 1 week (30 June – 4 July 2014)

COST: R3 300

CONVENORS:

- Prof Lucy Gilson (SCHOOL OF PUBLIC HEALTH AND FAMILY MEDICINE, UCT)
- Prof Uta Lehmann (SCHOOL OF PUBLIC HEALTH, UWC)

OBJECTIVES:

At the end of the course, you will:

- Show understanding of the dynamic and complex nature of health systems by reflecting on and describing their value bases and functioning, as well as the central roles and behaviors of a range of actors.
- Discuss health systems as social constructions, influenced by broader political and economic forces, generating public value and contributing to societal development.
- Apply these understandings to an assessment of your own health system and comparison between health systems.
- Apply relevant analytical skills and an understanding of complex systems in order to develop ideas about action to strengthen health systems.
- Develop the personal communication, teamwork and leadership skills which are important for supporting health system change.
- Demonstrate understanding of and openness to different perspectives on the nature of health systems.

COURSE CONTENT:

The course begins by considering what a health system is, why it is important, and introducing some frameworks for thinking about health systems. One specific experience of health system development is considered in some detail as an example of 'whole system' improvement - and linked to current international debates around Primary Health Care and Universal Health Coverage. It then goes on to outline the central role of people in health systems, their values and mindsets and why these are important both to understand and intervene in health systems. Throughout the course a number of case studies are used to illustrate and apply concepts and ideas, and students are encouraged to apply the new ideas to their own contexts as well. Complex adaptive systems thinking is, finally, introduced as an approach to understand and change health systems.

TARGET GROUP:

The target audience for this course is:

- mid-level managers in the public sector or in NGOs
- future health policy and systems analysts and researchers
- senior policy makers
- academics from other fields of Public Health and beyond.

CPD Points: 40

13 HEALTH PROMOTING SCHOOLS: PUTTING VISION INTO PRACTICE

DURATION: 1 week (30 June – 4 July 2014)

COST: R3 300

CONVENORS:

- Ms Suraya Mohamed
(SCHOOL OF PUBLIC HEALTH, UWC)
- Prof Patricia Struthers
(SCHOOL OF PUBLIC HEALTH, UWC)

AIM:

This course aims to introduce participants to some of the key concepts underlying the health promoting schools initiative, and explores some of the challenges and opportunities that are being faced by practitioners in the field.

OBJECTIVES:

At the end of the course you will be able to:

- Demonstrate an understanding of the Health Promoting School (HPS) concept – both internationally and locally.
- Demonstrate an understanding of what national policy exists in relation to HPSs in South Africa.
- Demonstrate a basic understanding of education policy including Care and Support for Teaching and Learning (CSTL) and the link it has to HPS.
- Demonstrate an understanding of how HPSs can play a role in addressing some of the major health problems impacting the well-being of children in South Africa and their ability to learn.
- Demonstrate an understanding of the School as a system and how Whole School Development impacts on the development and sustainability of a health promoting school.
- Demonstrate an understanding of the challenges and opportunities of working inter-sectorally and acquire practical strategies for working with other sectors, departments and institutions in the process of establishing a HPS.

- Identify a range of strategies for implementing the HPS concept in South Africa and explore how HPSs has been implemented in different contexts via site visits to case study schools.
- Demonstrate a basic understanding of monitoring and evaluation of the HPS.
- Put into practice the theory that was learnt during the course and be motivated to apply it to your own work environment.

The course will be interactive. There will be several group and individual activities and exercises that will allow participants to interact practically with the methods.

A comprehensive reading file is included in the cost of the course.

TARGET GROUP:

This course is aimed at anyone working in a school setting, including: Teachers, Community Health Workers, School Health Practitioners, Health Educators, Project Managers and NGOs.

CPD Points: 40

14 GLOBALISATION AND HEALTH: Key Aspects for Policy Makers, Managers and Practitioners

DURATION: 1 week (30 June – 4 July 2014)

COST: R3 300

CONVENORS:

- Prof David Sanders
(SCHOOL OF PUBLIC HEALTH, UWC)
- Prof Christina Zarowsky
(SCHOOL OF PUBLIC HEALTH, UWC)

AIM:

To enable participants to demonstrate familiarity with the political, economic and other causes of disparities in health and health care between and within countries with a focus on how global factors may contribute to these, and of key actions to address these global factors.

OBJECTIVES:

By the end of the course the you should be able to:

- Discuss the most important existing empirical evidence of the links between global change and health.
- Explain the consequences on health and health care of key global factors such as trade, financial flows, development assistance, climate change, etc. and of policies and practices of major global actors (e.g. World Trade Organization, the World Bank, the International Monetary Fund, the UN-system, including the WHO and UNICEF, as well as policies of the donor community and non-governmental organisations, including private actors).
- Identify measures, including research, advocacy and social mobilisation that are needed to counteract the global forces that may be leading to increased inequity in health and access to health care between and within countries.
- Discuss the need for healthy policies in all sectors

COURSE CONTENT:

The course will examine global economic and political relationships, policies and structures and the international health policy agendas that affect health and health care. It will explore the complex relationships between health and health care and different socio-economic, cultural, political and structural factors. The political, economic and other causes of disparities in health and health care between and within countries will be discussed. The focus will be on global factors that contribute to inequalities and inequities. Actions that can be taken to address the adverse health effects of globalisation will be discussed.

TEACHING METHODS:

The course will consist of presentations, exercises, small group discussions and guided review of key readings.

TARGET GROUP:

Health policy makers, planners and managers of health services, researchers and academics involved in public health or associated fields, e.g. sociology.

Postgraduate students in public health, development studies, international relations and international or human rights law.

CPD Points: 40

15 CLINICAL TRIALS AND INDIGENOUS HERBAL MEDICINE

DURATION: 1 week (30 June – 4 July 2014)

COST: R3 300

CONVENORS:

- Prof Gail D. Hughes
(SOUTH AFRICAN HERBAL SCIENCE AND MEDICINE INSTITUTE (SAHSMI, UWC)
- Dr Nandi Siegfried
(SOUTH AFRICAN HERBAL SCIENCE AND MEDICINE INSTITUTE (SAHSMI, UWC)

OBJECTIVES:

By the end of the course, you will:

- Read, understand and interpret a systematic review.
- Interpret meta-analyses and forest plots.
- Conduct critical appraisal of a report of a clinical trial.
- Understand the hierarchy of evidence as this relates to study design.
- Explain the different types of clinical study design and their use.
- Create clear trial research questions using the PICO format.
- Write a structured protocol for a clinical trial.
- Be familiar with the ethical principles guiding the conduct of clinical trials.
- Have knowledge of Good Clinical Practice and where to source this information.
- Understand the imperative for trial registration and the trial regulatory environment.
- Understand Intellectual Property Rights with special reference to indigenous medicine.
- Understand principles of reverse pharmacology used in herbal medicine trials.

All of the above learning outcomes will be delivered using indigenous medicine as the contextual environment.

COURSE CONTENT:

- Introduction to systematic reviews, meta-analysis and evidence-based healthcare decision-making.
- Study type, bias and hierarchy of evidence in clinical research.
- Clinical trials methods including focusing the question (PICO) and randomization.
- Phases of clinical trials including reverse pharmacology in herbal medicine trials.
- Analysis tools and choice of estimate of effect for clinical trials.
- Reporting of clinical trial results, including writing a protocol.
- Appraising and interpreting clinical trial reports.
- Practical steps in conducting clinical trials including trial registration and Good Clinical Practice.
- Exploration of ethical practice of clinical trials of herbal medicine including Intellectual Property Rights.

TARGET GROUP:

Health professionals, clinical and public health researchers, traditional healers, and policy-makers who are involved or interested in the use, application, and/or teaching of clinical trial methodologies in the context of indigenous herbal medicine.

CPD Points: 40

16 DHIS 2 – WEB BASED: Foundation Course

DURATION: 1 week (7 – 11 July 2014)

COST (includes computer laboratory fees): **R4 070**

CONVENORS:

- HISP
(HEALTH INFORMATION SYSTEMS PROGRAMME)

AIM:

An introduction to the web-based DHIS 2

OBJECTIVES:

By the end of the course, you should be able to:

- Understand the underlying key concepts on which DHIS 2 is built.
- Understand how aggregated health data may be used to measure and monitor health performance.
- Understand Data exchange between DHIS2 and other systems.
- Use existing indicators and analyse trends.
- Use pivot tables to analyse data and draw appropriate graphs.
- Present reports and feedback using Word, Excel and PowerPoint

The course will use real data from several provinces and will focus on technical issues and skills. Participants will work individually or in small groups in a computer laboratory.

COURSE CONTENT:

The course will be based on sample data from health facilities and districts in South Africa.

Participants will work on individual computers and will perform the following tasks:

- Creating a blank database.
- Importing the metadata and routine data into DHIS 2.
- Creating Data Elements.
- Creating Indicators.
- Creating Validation rules.
- Create data entry forms.
- Data validation using maximum and minimum ranges and validation rules.
- Setting up the dashboards.
- Creating feedback reports.
- Creating graphs using the data visualizer.
- Introduction to the GIS component of the DHIS 2.

TARGET GROUP:

Computer-literate health workers who wish to acquire knowledge and skills in the web-based DHIS 2.

Pre-requisite skills:

- A pre-admission test may be required in order to determine eligibility for course admission.
- Knowledge of key health issues, including goals, targets, and indicators.
- Experience with the District Health Information Software (DHIS)

CPD Points: 40

17 RESEARCH, HEALTH AND ETHICS IN THE AFRICAN CONTEXT

DURATION: 1 week (7 – 11 July 2014)

COST: R3 300

CONVENORS:

- Prof Neil Myburgh
(DEPARTMENT OF DENTISTRY, UWC)
- Prof Christina Zarowsky
(SCHOOL OF PUBLIC HEALTH, UWC)

Tutors:

- Prof Sudeshni Naidoo
(FACULTY OF DENTISTRY, UWC)
- Prof Nadine Butler
(SCHOOL OF PHARMACY (UWC)
- Prof Gail Hughes
(SCHOOL OF NATURAL MEDICINE, UWC)
- Others to be announced.

AIM:

To address Research, Health and Ethics in the African context.

OBJECTIVES:

By the end of the course, you should be able to:

- Articulate an understanding of moral reasoning and the philosophical foundations of ethical thinking.
- Apply ethical principles of care to a variety of clinical situations.
- Incorporate key elements of ethical health research practice to write, review or otherwise adjudicate research protocols.
- Apply ethical principles to public health policy and practice scenarios.
- Apply ethical principles to health personnel education practice.

COURSE CONTENT:

- Philosophy of Ethics.
- Health Research Ethics.
- Health Care Ethics.
- Public Health Ethics.
- Ethics in Education.
- Ethical Adjudication of Ethical dilemmas.

LEARNING PROCESS AND RESOURCES:

Video and text-based case studies; limited didactic input; readings and homework; online resources (WHO, FHI); small group and plenary discussions.

TARGET GROUP:

Health professionals or academics who are involved in the application of ethical principles or decision making with respect to health research, health care, public health or the education of health sector students in ethics. Members of Faculty or Institutional Research Ethics Committees are encouraged to attend.

CPD Points: 40

18 CURRENT THINKING AND PRACTICE IN HEALTH PROMOTION

DURATION: 1 week (7 – 11 July 2014)

COST: R3 300

CONVENORS:

- Ms Suraya Mohamed
(SCHOOL OF PUBLIC HEALTH, UWC)
- Dr Ruth Stern
(SCHOOL OF PUBLIC HEALTH, UWC)

OBJECTIVES:

By the end of this course you will:

- Be familiar with current health promotion documents, debates and issues and be able to relate these to current contexts of practice.
- Be able to describe the major determinants of good health and well-being, using appropriate theoretical concepts and models.
- Be able to demonstrate competence in developing health promotion goals and in selecting appropriate methods and resources in the process of planning health promotion interventions.
- Be able to demonstrate an understanding of the different settings as contexts for health promotion.
- Recognise the value of community involvement in health promotion programmes.
- Be able to design and undertake an evaluation of health promotion interventions and accept the importance of evidence based practice.

COURSE CONTENT:

- An exploration of the key international health promotion developments and theories.
- An analysis of the determinants of ill health at a social, economic, environmental and individual level.
- The process of identifying community and individual needs and planning appropriate health promotion interventions.
- The choice of appropriate methods and approaches and the skills required.
- Alliance building for health promotion.
- The nature, criteria and methods of evaluating health promotion interventions.

TEACHING METHODS:

The course will use a combination of presentations, group discussions and participatory activities, visiting lecturers and guided reading materials

TARGET GROUP:

Health and welfare workers at district, regional or provincial level involved in implementation of health promoting activities in government, other government and non-governmental organisations involved in health promoting activities.

CPD Points: 40

19 EPIDEMIOLOGY AND CONTROL OF HIV AND TUBERCULOSIS

DURATION: 1 week (7 – 11 July 2014)

COST: R3 300

CONVENORS:

- Prof Harry Hausler
(TB/HIV CARE ASSOCIATION)
- Dr Jeannine Uwimana
(SCHOOL OF PUBLIC HEALTH, UWC)

AIM:

To enable health managers and public health researchers to critically evaluate and design public health interventions and programmes to control HIV and tuberculosis (TB).

OBJECTIVES:

At the end of the course participants should be able to:

- Understand the epidemiology of HIV and TB in Africa.
- Understand and evaluate surveillance systems for HIV and TB.
- Describe policies and strategies to prevent, find and treat HIV and TB including TB/HIV collaborative activities.
- Understand and interpret clinical trials and operational research related to HIV and TB.
- Design and implement interventions and programmes to control HIV and TB.

COURSE STRUCTURE:

The course will comprise lectures, discussions, exercises and group work. Lecturers will include experienced health managers and public health researchers. Participants will be encouraged to draw upon their own experiences and share the lessons they have learned.

TARGET GROUP:

District, provincial and national health managers; managers of community-based or non-governmental organizations; public health researchers.

CPD Points: 40

IMPORTANT NOTICE

The School of Public Health at the University of the Western Cape will not be offering any transport for participants to and from the University. You therefore need to make your own arrangements from the Airport and/or bus station to get to the university. Please find below a list of shuttle services you could contact ahead of time to arrange transport from the airport or bus station to your place of residence.

We are also providing you with a list of guesthouses that you could contact for accommodation in the Bellville area. Alternatively, you may refer to the following website for other accommodation in the Bellville area:

<http://www.sa-venues.com/westerncape/bandb/bellville.php>

You will note that some of these places also offer a shuttle service.

LIST OF GUEST HOUSES (ALTERNATE ACCOMMODATION)

Bell Rosen Guesthouse	021-913 4703
Sontyger Guesthouse	021-919 0711
Feathers Lodge	021-910 1078
Excellent Guesthouse	084 474 4444
La Petit Chateau	021-976 0128
Evertsdal Guesthouse	021-919 1752
Broadway Guesthouse	021-948 5727
Markotter Place	021-945 4879
Town Lodge Bellville	021-948 7990

**MOST OF THESE PLACES ARE ABOUT 15-20 MINUTES DRIVE TO THE UWC CAMPUS
(DEPENDING ON TRAFFIC CONDITIONS)**

SHUTTLE SERVICES

1. Springbok Atlas – Clive 021 460 4700
2. Solomons – Sandy 021 909 3425 or 021 909 3175
3. HG Travelling – Leon Daniels 021 797 8412 or 021 797 6899
4. African End Tourism – Calvin 021 913 7789 or 082 873 5196

winter school 2014

winter school 2014

UWC–SoPH WINTER SCHOOL 2014

WINTER SCHOOL 2014 PROGRAMME

APPLICATION FOR ADMISSION

PLEASE TYPE OR PRINT CLEARLY IN BLACK. FILL OUT THE FORM AS ACCURATELY AS POSSIBLE.

1. Surname:

2. First names:

3. Postal address:
.....
..... Postal code:

4. Permanent address:
.....
..... Postal code:

5. Telephone number:
Home: (.....) Work: (.....)

6. Fax: (.....) 7. Mobile phone number:

8. E-Mail Address:

9. Date of birth: / / 10. Gender: male female
DAY MONTH YEAR

11. National Identity number:

12. Occupational category:
(e.g. SOCIAL WORKER, NURSE, PSYCHOLOGIST, DEVELOPMENT WORKER)
.....

13. Present position (if employed):
Briefly describe your work responsibilities in your present position:
.....
.....
.....
.....
Employer:
.....
Address:
.....
..... Postal code:

Application Form continued overleaf

APPLICATION FOR ADMISSION TO WINTER SCHOOL 2014

CLOSING DATE FOR APPLICATIONS: 11 APRIL 2014

14. Name of Sponsor:
15. Contact Name and Address of Sponsor:
.....
.....
16. Telephone Number of Sponsor: (.....)
(AREA CODE)
17. Fax Number of Sponsor: (.....)
(AREA CODE)
18. Amount of full-time public/community health or related experience you have?:
Years:
19. Educational qualifications:
School:
Other:
.....
.....
20. Please indicate the name and number of each course you wish to enroll for: (see contents page)
.....
.....
.....
21. How did you find out about the Winter School (Newspaper, SOPH Brochure, Flyer, word-of-mouth, other?)
.....
22. Are you presently enrolled in one of UWC's or UCT's Post-graduate programmes in Public Health University studies?
Yes: Name of Institution:
No:

IMPORTANT! IMPORTANT! IMPORTANT!

To facilitate your registration, please attach a cheque or proof of EFT payment for the course fees to your application form. All cheques must be made payable to the University of the Western Cape.

Send your application form before 11th April 2014 to avoid paying the late fee.

Cancellations need to be faxed or emailed to us 1 week before the commencement of a course otherwise you will be liable to pay an administrative fee of 50% of the total course fees and a late fee of R500 per course.

Your booking for the course will be confirmed upon receipt of payment only.

CLOSING DATE FOR APPLICATIONS IS 11 APRIL 2014

ELECTRONIC PAYMENTS:

ALL BANK TRANSFERS/DEPOSITS SHOULD BE MADE TO THE FOLLOWING BANK ACCOUNT:

Bank: ABSA
Branch: Public Sector Western Cape
Account Name: University of the Western Cape
Account Number: 40-5527-6854
Branch Code: 631-609
Address: 1st Floor, Tijger Park 4, Tygervalley, 7536
Swift Code: ABSAZAJJ
Invoice number: e.g. 2014WS

PLEASE NOTE:

Your proof of Electronic payment and deposit slip should be faxed immediately to the School of Public Health, at fax no. 021-959 2872. Without this proof your attendance will not be confirmed and your account will remain unpaid. Please note that an Order Number is not proof of payment.

Applications received after the closing date (after 11th April, 2014) will be liable for the late application fee which is an additional R500 per course.

Payments are due within 30 days of application.

Bookings will be confirmed upon receipt of payment only.

For further enquiries regarding PAYMENT please contact:

Winter School 2014 Administration
For Attention:
Tasneem Parker or Marlene Petersen
School of Public Health
Private Bag X17
BELLVILLE 7535

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021 959-9383
021 959-2121
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