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Introduction
The University of the Western Cape School of Public Health is proud to present the 37th 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 11,000 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: 31 March 2015

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 31 March, 2015, 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 31 March, 2015, 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:
Bridget Basson or Tasneem Parker
School of Public Health
University of the Western Cape
Private Bag X17
BELLVILLE 7535
Tel: (021) 959-2809/2536/2132
Fax: (021) 959-2872
Email: sophwinter@uwc.ac.za
Facebook:
https://www.facebook.com/UWCSOPH?ref=hl
1. ACCOMMODATION IN CAPE TOWN
The University has limited accommodation available to participants. You can enquire from the Residential Services Coordinator, Meagan Langeveldt at 021-9593097 or email her at mlangeveldt@uwc.ac.za.

Alternatively, there is also limited accommodation available to participants at Kovacs Residence on campus. Please note that it’s on a first come basis and therefore it is imperative that you enquire early in the year about availability. Unfortunately we will not be able to administer your accommodation on campus. It is your responsibility to make your own arrangements with them. Their contact number on campus is: 021-959 9500 and email address is: kovacs@uwc.ac.za.

There is also accommodation available off campus to participants. Please refer to the “Important Notice” page at the back of the brochure which highlights some accommodation available in the Bellville area.

Transport Arrangements
No transport will be offered by UWC. Participants are urged to arrange their own daily transport to and from lectures at 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 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.
HEALTH MANAGEMENT

DURATION: 1 week (22 – 26 June 2015)

COST: R4 000

CONVENORS:

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

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

OBJECTIVES:
By the end of the course, 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
DURATION: 1 week (22 – 26 June 2015)

COST: R4 000

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:
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.

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

NOTE 2: Participants should bring a calculator.

CPD Points: 40
DURATION: 1 week (22 – 26 June 2015)

COST: R4 000

CONVENOR:
- Prof John Seager
  (EXTRAORDINARY PROFESSOR, SCHOOL OF PUBLIC HEALTH, UWC)
- Dr Lucia Knight
  (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
DIET AND DISEASE

DURATION: 1 week (22 – 26 June 2015)

COST: R4 000

CONVENORS:
- Prof Thandi Puoane (SCHOOL OF PUBLIC HEALTH, UWC)
- Prof Rina Swart (DIVISION OF DIETETICS, UWC)
- Ms Lungiswa Tsokile (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
INFORMATION SYSTEMS FOR HUMAN RESOURCES FOR HEALTH

DURATION: 1 week (22 – 26 June 2015)

COST: R4 000

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 for Human Resource Planning in the public health workforce.
• Discuss and assess different approaches to monitoring human resources for health.

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 with using human resource information for monitoring and planning the public health workforce.

CPD Points: 40
6 HEALTH COMMITTEES: A VEHICLE FOR PROVIDERS AND COMMUNITIES TO REALIZE THE RIGHT TO HEALTH

DURATION: 1 week (29 June – 3 July 2015)

COST: R4 000

CONVENER:
• Ms Nikki Schaay
  (School of Public Health, UWC)

In collaboration with:
• Prof Leslie London and Ms Therese Boulle
  (Learning Network for Health and Human Rights Programme, School of Public Health and Family Medicine, UCT)

OBJECTIVES:
By the end of the course, you should be able to:
• Understand the concept, value and role of community participation in improving health services' responsiveness to the communities served.
• Understand the health service's role and that of health care providers and managers in helping the realisation of health rights in South Africa.
• Understand the health service manager's role in facilitating meaningful community participation through health committees.
• Understand the capacity building and technical support needs for maintaining effective community health committees.
• Be able to initiate and maintain meaningful dialogue that fosters community participation through health committees.

COURSE CONTENT:
1. The concept of community participation, its relationship to the right to health and the different ways in which participation can take place in the health system.
2. The constitutional and policy commitments and mechanisms that support community participation and the right to health in South Africa.
3. The role, power, composition and effective functioning of health committees: international, regional and local evidence and practice.
4. Contextualizing health committees within the South African health system – and the potential intersections they have with such initiatives as the Office of Standards Compliance, the National Audit of Health Care Facilities, the National Health Insurance and PHC re-engineering.
5. How to foster health system responsiveness and accountability to health committees.
6. Considering the nature of the relationship that health committees have with lay or community health workers, other health promoting structures within a community and the communities that the members represent – and how legitimacy and constructive dialogue and representation of all stakeholders can be supported.
7. Identifying the capacity building needs and facilitating training for members of health governance structures.
8. Participatory methods and approaches that can facilitate dialogue between health workers and social groups within a community.
9. Reflecting on appropriate monitoring systems and evaluative methods for assessing the functioning, performance and impact of such structures.

TARGET GROUP:
• National, provincial and local government officials working in the field of public health. The course is specifically targeted at facility managers and officials working in the area of health policy, human resource planning, community-based services, quality assurance, health management, health promotion, environmental health and community liaison;

(continued overleaf)
• Staff and volunteers from civil society organisations, networks and Commissions involved in promoting community participation in health initiatives that advocate for the realization of socio-economic rights, including health;

• Local Government Councillors, particularly ward councillors and those who are members of the health portfolio committee;

• Practitioners working in the field of public health and health promotion and interested in community participation and the right to health.
INTRODUCTION TO COMPLEX HEALTH SYSTEMS

DURATION: 1 week (29 June – 3 July 2015)

COST: R4 000

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 be able to:
- 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.
- 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
UNDERSTANDING AND ANALYSING HEALTH POLICY

DURATION: 1 week (29 June – 3 July 2015)

COST: R4 000

CONVENORS:
- Prof Lucy Gilson
  (School of Public Health and Family Medicine, UCT)
- Prof Uta Lehmann
  (School of Public Health, UWC)

OBJECTIVES:
By the end of the course, you should be able to:
- Demonstrate understanding of the varied and iterative nature of policy change processes.
- Recognise that implementation is part of the overall policy change process.
- Identify key components and factors facilitating and constraining policy and implementation processes.
- Conduct comprehensive analyses of policy and implementation processes.
- Apply theoretical frameworks and approaches in understanding policy and implementation processes and use specific policy analysis tools.
- Use policy analysis for strategic planning.
- Work in teams to achieve specific goals.

COURSE CONTENT:
This course will:
- Provide an outline of key issues in policy analysis.
- Introduce and use theoretical frameworks and approaches.
- Encourage application of theoretical frameworks to routine work experiences.
- Introduce some key health policy debates.

ACTIVITIES:
The course will consist of a mix of presentations and practical exercises and activities, individually and in small groups

TARGET GROUP:
Practitioners, policy makers, managers and academics interested in better understanding health policy and developing skills in health policy analysis.

CPD Points: 40
MONITORING AND EVALUATION OF PRIMARY HEALTH CARE PROGRAMMES: PROGRAMME I

DURATION: 2 weeks (29 June – 10 July 2015)

COST: R6 090 (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 Tsolokile (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:
- 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 2015 Winter School (Programme I).

STAGE 2: Fieldwork: Collecting and organizing the data (4-5 months)
Having completed the first stage, 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 2016)
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.

(continued overleaf)
MONITORING AND EVALUATION OF PRIMARY HEALTH CARE PROGRAMMES:
PROGRAMME I (continued)

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: 40
10 RATIONAL MEDICINES USE

DURATION: 1 week (29 June – 3 July 2015)

COST: R4 000

CONVENORS:
- Dr Hazel Bradley (SCHOOL OF PUBLIC HEALTH, UWC)
- Dr Richard Laing (SCHOOL OF PUBLIC HEALTH, BOSTON UNIVERSITY, USA AND SCHOOL OF PUBLIC HEALTH, UWC)
- Dr Renier Coetzee (SCHOOL OF PHARMACY, UWC)
- Mr Percy Daames (MANAGEMENT SCIENCES FOR HEALTH)
- Dr Stephanie Berrada (MANAGEMENT SCIENCES FOR HEALTH)
- Mr Brecht Ingelbeen (INSTITUTE OF TROPICAL MEDICINE, ANTWERP)
- And input from national and local practitioners

AIM:
This course will engage participants from various professional backgrounds on the importance of the rational medicine use concept and introduce a range of tools to investigate and promote rational medicine use.

OBJECTIVES:
At the end of the course, you will be able to:
- Advocate for rational medicine use and its importance within health systems;
- Identify and analyse the application of quantitative methods to identify medicine use problems;
- Evaluate qualitative methods and their application to investigate medicine use and prescribing behaviour;
- Identify and analyse the importance of determining efficacy, safety, effectiveness and cost effectiveness of medicines in decision making;
- Evaluate the importance of clinical evidence in decision making and formulary management;
- Critically evaluate the principles of the anti-microbial resistance concept and the role of rational medicine use in its prevention;
- Critically review the role of Pharmaceutical and Therapeutics Committees (PTCs) in all of the above.

COURSE CONTENT:
This will draw on the following elements:
- Importance of rational medicines use and problems associated with irrational medicine use;
- Identification of medicines use problems using several quantitative methods such as, prescribing indicator studies, application of defined daily dose (DDD) and ABC, VEN and therapeutic category analyses;
- Identification and design of qualitative methods to investigate prescribing behaviour and medicine use;
- Strategies to promote rational medicine use including educational, managerial and regulatory interventions;
- Concept and implementation of Medicines Use Evaluation (MUE) and its application to programmes such as the tuberculosis programme;
- Application of the Essential Medicines Concept and the development of Standard Treatment Guidelines (STGs) and Essential Medicines Lists (EMLs) using evidence-based decision making principles;
- Infection Control and Antimicrobial Resistance (AMR) concepts with respect to global and local situations and multi-faceted strategies required to contain AMR;
- Stewardship of rational medicine use by prescribers, dispensers and Pharmaceutical Therapeutic Committees (PTCs).

(continued overleaf)
TARGET GROUP:
Healthcare professionals, including pharmacists, doctors and nurses from the public (government) sector and NGOs working at national, provincial, district and facility level and involved with medicines management activities including medicine selection, formulary listings, identification of medicines use problems and the promotion of interventions to address medicines use problems.

CPD Points: 40
EPIDEMIOLOGY AND CONTROL OF HIV AND TUBERCULOSIS

DURATION: 1 week (6 – 10 July 2015)

COST: R4 000

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, you should be able to:
- Understand the epidemiology of HIV and TB in Africa.
- Describe policies and strategies to prevent, find and treat HIV and TB including TB/HIV collaborative activities.
- Evaluate control programmes for HIV and TB.
- Understand the impact of antiretroviral delivery on HIV and TB control programmes.
- Understand and interpret clinical trials and operational research related to HIV and TB.
- Understand and evaluate surveillance systems for 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
CLINICAL TRIALS AND INDIGENOUS HERBAL MEDICINE

DURATION: 1 week (6 – 10 July 2015)

COST: R4 000

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

OBJECTIVES:
By the end of the course, you should be able to:
- 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 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
WEEK THREE: 6 – 10 JULY 2015

13 CURRENT THINKING AND PRACTICE IN HEALTH PROMOTION

DURATION: 1 week (6 – 10 July 2015)

COST: R4 000

CONVENORS:

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

OBJECTIVES:

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

- 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.

TARGET GROUP:

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

CPD Points: 40
MEDICINES SUPPLY MANAGEMENT

DURATION: 1 week (6 – 10 July 2015)

COST: R4 000

CONVENORS:
- Dr Hazel Bradley (School of Public Health, UWC)
- Dr Kim Ward (School of Pharmacy, UWC)
- Mr Mupela Ntengu (Management Sciences for Health)
- Mr Mulatedzi Makhado (Management Sciences for Health)
- Dr Stephanie Berrada (Management Sciences for Health)
- Mr Brecht Ingelbeen (Institute of Tropical Medicine, Antwerp)
- And input from national and local practitioners

AIM:
This course will engage participants from various professional backgrounds in the key principles of good medicines supply management.

OBJECTIVES:
By the end of the course, you should be able to:
- Identify and analyse key policy, legislative and regulatory frameworks applicable to medicines;
- Understand the importance of product selection, planning and procurement in managing medicines;
- Evaluate key principles applicable to the storage and distribution of medicines;
- Identify and analyse Inventory Management Systems for medicines;
- Evaluate the use of Logistics Management Information Systems in managing medicines supply;
- Advocate for stakeholders to adopt Rational Medicines Use principles in medicines supply management;
- Critically evaluate financial management mechanisms applicable to managing medicines.

COURSE CONTENT:
The course content will draw on the following elements:
- Policy, Laws and Regulations applicable to medicines;
- Analysis of product selection, forecasting/quantification and supply planning for medicines;
- Key principles of procurement and quality assurance;
- Storage and distribution of medicines;
- Use of Inventory Management Systems for managing medicines;
- Logistics Management Information Systems for managing medicines;
- Rational Medicines Use and key financing mechanisms for managing medicines.

TARGET GROUP:
Healthcare professionals, including pharmacists, doctors and nurses from the public (government) sector and NGOs working at national, provincial, district and facility level and involved with or managing/supervising medicines management activities.

CPD Points: 40
INTRODUCTION TO HEALTH POLICY AND SYSTEMS RESEARCH

DURATION: 1 week (6 – 10 July 2015)

COST: R4 000

CONVENORS:

- Prof Lucy Gilson  
  (School of Public Health and Family Medicine, UCT)
- Dr Jill Olivier  
  (School of Public Health and Family Medicine, UCT)
- Prof Helene Schneider  
  (School of Public Health, UWC)

OBJECTIVES:

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

1. Identify researchable health policy and systems issues, including those focused on action to strengthen health systems and the processes of policy change;
2. Formulate substantively relevant health policy or health systems research questions, by drawing on relevant empirical work, practice knowledge, and theoretical insights;
3. Be familiar with the range of research purposes, questions and strategies used within HPSR;
4. Identify appropriate research strategies and study designs for different HPSR issues, purposes and question types;
5. Show awareness of critical issues in, and approaches to, ensuring rigour in HPSR;
6. Be aware of critical ethical issues for HPSR;
7. Be able to source HPSR materials and critically appraise HPSR empirical papers;
8. Appreciate the value of multiple perspectives (positional and disciplinary) in conducting HPSR;
9. Have some understanding of how the complex and socially constructed nature of health policy and health systems is addressed in HPSR methodology;
10. Plan activities that support the use of research evidence for and in decision-making, through researcher-policy maker/practitioner engagement.
11. Recognise that personal skills, such as listening and facilitation, are critical to being a health policy and systems researcher.

COURSE CONTENT:

The course begins with an introduction to health systems and health systems strengthening, as well as an overview of health policy and systems research and its differences from other forms of health research. It also begins by considering the sorts of issues (problems and opportunities) that represent the focus of this area of research, and the basis for related research questions.

Using practical activities, group discussion, as well as critical appraisal of research papers and of research protocols, it then goes on to address the four critical steps of conducting health policy and systems research:

Step 1: Identify the research focus and questions
Step 2: Design the study
Step 3: Ensure research quality and rigour
Step 4: Apply ethical principles, including ensuring engagement with research users during the research process

Finally, participants are provided an opportunity to think through and present their own research protocol for discussion and feedback.

TARGET GROUP:

Future research users and researchers from:

- Mid-level managers in the public sector or NGOs
- Future health policy and systems analysts and researchers
- Senior policy makers
- Academics from other fields of public health and beyond.

Participants should have attended Introduction to Complex Health Systems, Understanding and Analysing Health Policy or a similar course as a pre-requisite to attend this course.

CPD Points: 40
PLANNING HUMAN RESOURCES FOR DISTRICT HEALTH SYSTEMS

DURATION: 1 week (6 – 10 July 2015)

COST: R4 000

CONVENORS:

- Prof Uta Lehmann
  (School of Public Health, UWC)
- Other inputs from expert researchers and practitioners

COURSE OBJECTIVES:

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

1. Locate and understand the role of human resource (HR) planning in the broader context of health systems development.
2. Identify and distinguish HR planning requirements for different levels of the health system.
3. Identify and interpret human resource information for planning and decision-making in district health systems.
4. Collect, collate, interpret and use data for HR projection and planning.

COURSE CONTENT:

The course will locate human resource development and planning in health systems development generally and district health systems development more specifically, providing an overview of HR planning needs and functions across all levels of the health system. It will focus particularly on human resource planning needs and practices in decentralized health districts, considering information needs and alignments with other functions and elements of district health systems. Participants will then be introduced to an excel-based district HR planning model. While most will not become expert users, they will develop a good understanding of its assumptions, principles and application.

TARGET GROUP:

The course is aimed at district, sub-district and programme managers and practitioners responsible for HR planning and development in provinces and district. Health systems analysts and researchers are likely to find it of interest as well.

CPD Points: 40
INTRODUCTION TO DHIS 2 – WEB BASED –LEVEL 1 COURSE

DURATION: 1 week (6 – 10 July 2015)

COST: R4 770

CONVENORS:
• HISP
  (HEALTH INFORMATION SYSTEMS PROGRAMME)

OBJECTIVES:
By the end of the course, you should be able to:
• Understand the basic DHIS2 user interface
• Capture aggregated data using the Data Entry application
• Capture patient/event data using the Individual Records application
• Introduction to DHIS2 dashboards
• Generate data set and follow up reports
• Understand how data/information may be used to measure and monitor health performance

Participants will work individually or in small groups in a computer laboratory.

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

Participants will work on individual computers and will perform the following tasks:
• How to access and navigate DHIS2
• What organisation units, data elements and data sets are
• Data Entry
• Data Validation
• Submit data for sign off
• Edit data
• Reporting
• Using the Dashboard

TARGET GROUP:
Computer–literate data capturers, information officers, health care providers and managers who wish to acquire basic knowledge and skills in the web-based DHIS2.

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
GLOBALISATION AND HEALTH:
KEY ASPECTS FOR POLICY MAKERS, MANAGERS & PRACTITIONERS

DURATION: 1 week (6 – 10 July 2015)

COST: R4 000

CONVENEORS:
- 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, you should be able to:
- Discuss the most important existing empirical evidence of the links between global change and health.
- Explain the consequences for 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
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: ....................................................................................................................................

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4. Permanent address: ..............................................................................................................................

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5. Region/Province (e.g. WESTERN CAPE, EASTERN CAPE, etc): ............................................................

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

7. Mobile phone number: ..........................................................................................................................

8. Fax: ( .............. ) ....................................................................................................................................

9. E-mail address: .......................................................................................................................................

10. Date of birth: .............. / .............. / .............. 11. Gender: Male ...... Female ........

    DAY   MONTH   YEAR

12. (South African) Identity number / (Other) Passport number: ..............................................................

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

14. Present position (if employed):

    Briefly describe your work responsibilities in your present position:

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    Employer: ...........................................................................................................................................

    Address: ............................................................................................................................................... Postal code: .................................................................

(Application Form continued overleaf)
15. Name of sponsor: .................................................................
16. Contact name and address of sponsor: .................................
17. Telephone number of sponsor: (........) ...............................
   (AREA CODE)
18. Fax number of sponsor: (........) .........................................
   (AREA CODE)
19. Amount of full-time public/community health or related experience you have:
   Years: ..............................................................................
20. Educational qualifications:
   School: ............................................................................
   Other: ..............................................................................
21. Please indicate the name and number of each course you wish to enroll for: (see contents page)
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   ........................................................................................
   ........................................................................................
22. How did you find out about the Winter School? (Newspaper, SOPH Brochure, Flyer, word-of-mouth, other)
   ........................................................................................
23. 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: . . . . .
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.

Below is 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:


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
Eversdal 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. African End Tourism – Calvin ..................................... 021 913 7789 or 082 873 5196
4. My Shuttle – Luke ...................................................... 087 802 8524 or 072 241 3554
ELECTRONIC FEE PAYMENT

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 31 March 2015 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.

CLOSED DATE FOR APPLICATIONS IS 31 MARCH 2015

ELECTRONIC PAYMENT:

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. 2015WS

PLEASE NOTE:
Your proof of Electronic payment and deposit slip should be faxed immediately to the:

School of Public Health
FAX: 021-959 2872

Without this proof of payment 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 (i.e. after 31 March, 2015) 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 Administration
For Attention:
Bridget Basson or Tasneem Parker
Tel: 021 959-2809
021 959-2536
Fax: 021 959-2872
E-mail: sophwinter@uwc.ac.za