School of Public Health and Primary Care
Summer School 2011

The CUHK School of Public Health and Primary Care offers courses and degrees across all areas of public health practice. We offer all students grounding in professionally recognized competencies and in areas increasingly recognized as core to public health. This summer, we would offer the following 9 courses to further enrich your public health knowledge and experience. Seats are limited. Registration will be on a first-come-first-served basis. Please send your application to us on or before 10 June 2011 (except for “Public Private Partnerships in Health that will be conducted on 27 May 2011. Registration deadline for this course is 12 May 2011.)

1. Public Private Partnerships in Health (2 credits, 24 hours)

   Full day conference: 26 & 27 May, 4 evenings on 21, 28 June & 5, 12 July
   (Application Deadline: 12 May 2011)
   Course coordinator: Prof. E.K. Yeoh

   This course examines existing approaches towards Public Private Partnerships in healthcare and aims at providing tools that will help them to understand health policies that involve the provide sector. It will provide students with a framework both for analyzing the opportunities for Public Private Partnership in a health system as well as for designing strategies and approaches for engaging the private sector.

   Topics:
   1. Role of private health sector in health systems
   2. Overview of the Public Private Partnership (PPP) in health sector
   3. Contracting, commissioning and purchasing
   4. Regulation and accreditation in engagement of the private sector
   5. PPP in Hong Kong healthcare system

   A two-day Conference on “Knowledge Event on Hospital Reform – A Senior Policy Forum Leveraging Public-Private Partnerships to Improve Health Systems” co-organised by CUHK School of Public Health and Primary Care; World Bank Institute and The Asia Network for Capacity Building in Health Systems Strengthening will be held on 26 & 27 May (9:30am – 6pm) at our School of Public Health, Prince of Wales Hospital, Shatin. This course is 2 days Conference included with 4 evening lectures that will be held on 21, 28 June and 5, 12 July (Tuesday).
2. **Climate Change & Health (1 credit, 12 hours)**

Full days: 4 & 5 July
Course coordinator: Prof. Emily Chan

Climate Change is an important topic for public health practices for the 21st century. This course offers participants an overview of issues related to climate change and health. It aims to show how public health principles may be applied in issues of climate change to support community preparedness, response, policy formulation and implementation.

Topics:
1. Climate change and health overview
2. Impact of climate change on disease pattern
3. Human behavior and adaptation to climate change
4. From science to policy: Public health responses in climate change

3. **Disaster & Humanitarian Crisis (1.5 credits, 18 hours)**

Full days: 6-8 July
Course coordinator: Prof. Emily Chan

Disaster and Humanitarian Responses are crucial elements in public health practices in the global community. Humanitarian relief actions often highlight the importance of preparedness, training and multidisciplinary response actions. This course will offer participants an overview of public health and medical implication of disasters and humanitarian crisis. It discusses about health needs assessments and evaluation post disaster. It aims to show how public health principles may be applied in disaster relief and how health related humanitarian actions.

Topics:
1. Principles of medical humanitarian responses in disaster crisis
2. Natural disasters
3. Man-made disasters
4. Complex emergencies
5. Health needs assessments & policies in emergency responses
6. Public health emergency response program planning and evaluation
4. **Human Physiology (2 credits, 24 hours)**

8, 10, 15, 17, 24 August (evening), 13 & 20 (Full days)

Course coordinator: Prof. Josette Chor

This course is a basic introduction to the human body for public health students without a bio-medical background. It is geared towards students with a undergraduate degree in the social sciences, arts and physical sciences. It will introduce the overview of basic scientific mechanisms, concepts and principles in health and in the pathogenesis of disease. It provides clinical scientific foundation for applications to the practice of public health. Professionals in the clinical health field such as physicians, nurses, dentists and allied health specialists will not be permitted to take this course for credit.

Topics:

1. Introduction: cells, issues, organs and systems, genetics
2. Musculoskeletal system: Arthritis & Ageing and falls
3. Respiratory System: Lung cancer & Asthma
4. Gastrointestinal System: Gastroenteritis & Obesity
6. Circulatory System: Coronary Heart Disease (CHD) & Hypertension
7. Reproductive System: Infertility, Cervical cancer & Impotence
8. Dermatology & Special sense: Acne, Contact dermatitis, Sensorineural hearing loss
9. Urinary system: Kidney failure
10. Immune system and Hematological system: SLE & Leukemia
11. Diabetes and the endocrine system: Hyperthyroidism and hypothyroidism & Metabolic syndrome

5. **Ethics, Social Justice and Global Health (1.5 credits, 18 hours)**

Full days: 8 – 10 August

Course coordinator: Prof. Christopher Lowry & Prof. Huso Yi

This course introduces the basic ideas of ethics and justice and discusses how those ideas apply to global biomedical issues.
Topics:

1. Values
   - Ethics and alleviating world poverty
   - Global justice, institutions and past wrongs
   - Global health ethics

2. Ethical Issues in International Health Research and Development
   - International clinical trials
   - R&D for neglected diseases
   - Pricing and access to essential medicines

3. Ethical Issues in Global Public Health
   - Infectious diseases
   - Environmental problems
   - Poaching of healthcare professionals

6. Health System & Public Health Issues in China (1 credit, 12 hours)
   Full days: 4 & 5 July
   Course coordinator: Prof. Xiaolin Wei

China has undergone profound reforms on its health system in recent years. In the meantime, China faces multiple public challenges such as communicable disease outbreak, air and water pollution and a surge of chronic disease prevalence. This course aims to provide basic knowledge of China health system on its organisation, financing, payment, insurance, national drug policies and priorities on recent reform.

Topics:
1. Introduction to China health system
2. Air pollution
3. Communicable disease control: policy and practice
4. China national drug policy and practice
7. Evidence Based Medicine and Chinese Medicine: A Brief Introduction to Clinical Research
(non-credit bearing, 12 hours, CME not accredited)
Full days: 28 & 29 July
Course Coordinator: Dr. Vincent Chung

In the past decade, interest in researching Chinese medicine (CM) using principles of evidence based medicine has been increasing. In Hong Kong, promoting the application of CM based on current best evidence has been regarded the main goal of CM development policy. This interactive, student centered course aims to provide healthcare professionals a brief introduction on evidence based medicine, and its application in developing integrative medicine and designing CM clinical research. Using CM clinical research papers as examples, this course will equip students with hands on critical appraisal skills for interpreting clinical evidence. This course requires no prior knowledge on clinical epidemiology or biostatistics.

Topics:
1. Introduction to evidence based medicine (EBM)
2. Application of EBM in Chinese medicine
3. Randomized controlled trials (RCT) in CM
4. Systematic review (SR) of RCT in CM

8. PBHT 5803 Development of Assessment Instruments and Questionnaire Design
(1.5 credits, 18 hours)
Full days: 25 – 27 July
Course coordinator: Prof. Lawrence Lam

This course aims to provide students with an understanding of the basic principles and procedures in designing questionnaires and health-related assessment instruments. The course includes basic principles and procedures in questionnaire design, psychometrics, validation of an assessment instrument, and related statistical issues. At the completion of the course, students are enabled to develop a simple questionnaire suitable for collecting information for their own research project or in a specific area of their own interest.
Topics:
1. Introduction to the discipline of Psychometrics, different types of measuring and assessment instruments and the principles and procedures in instrument design
2. The designing of:
   - A simple questionnaire for data collection
   - Perception scales
   - Attitudinal scales
   - Behavioural scales
   - Clinical assessment tools
   - Health-related Psychological assessment instruments
   - Quality-of-Life instruments
3. Validation of an assessment instrument and Statistical analysis issues

9. EPID5005 How to Conduct and Publish Systematic Reviews and Meta-Analysis?

   (2.5 credits, 30 hours)
   Full days: 1 – 5 August
   Course coordinator: Prof. Jinling Tang

   Practice and application of systematic reviews and meta-analysis will be the study focus. Manuscript writing and submission to SCI journals will be discussed.

   Topics:
   1. Introduction to Systematic Reviews and Meta-analysis
   2. Procedures and techniques for conducting systematic reviews
   3. Meta-analysis and publication bias

Application procedure:
For those who are interested to take the summer courses, kindly fill in the form attached and submit to Ms. Tammy Kan on or before 10 June, except Public Private Partnerships in Health (application deadline: 12 May),

at Room 202, 2/F, School of Public Health, Prince of Wales Hospital, Shatin, or by fax at 2145 7489 or by email at tammykan@cuhk.edu.hk

Note:
1. CUHK current students and alumni can enjoy a 10% discount of the above courses.
2. Seats are limited. First-come-first-served.
3. SPHPC reserves the right to cancel the courses if the number of registered students is insufficient or for other unanticipated reasons.
# Summer School 2011

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Coordinator</th>
<th>Assessment</th>
<th>Dates</th>
<th>Tuition Fee</th>
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<tr>
<td>1</td>
<td>HSYS5008 Public Private Partnerships in Health (2 credits)</td>
<td>Prof. E.K. Yeoh</td>
<td>To be confirmed</td>
<td>Full day Conference: 26 &amp; 27 May 4 evenings on 21, 28 June &amp; 5.12 July</td>
<td>HK$6,000</td>
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<td>2</td>
<td>HSYS5801 Health System &amp; Public Health Issues in China (1 credit)</td>
<td>Prof. Xiaolin Wei</td>
<td>Presentation 50% Essay 50%</td>
<td>4-5 July (2 days)</td>
<td>HK$3,000</td>
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<td>3</td>
<td>PBHT5802 Disaster &amp; Humanitarian Crisis (1.5 credits)</td>
<td>Prof. Emily Chan</td>
<td>Case study 50% Exam 50%</td>
<td>6 – 8 July (3 days)</td>
<td>HK$4,500</td>
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<td>4</td>
<td>PBHT5801 Climate Change and Health (1 credit)</td>
<td>Prof. Emily Chan</td>
<td>Quiz 40% Writing exercise 60%</td>
<td>11 - 12 July (2 days)</td>
<td>HK$3,000</td>
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<td>5</td>
<td>SPHS5804 Evidence Based Medicine and Chinese Medicine: A Brief Introduction to Clinical Research (Non-credit bearing)</td>
<td>Dr. Vincent Chung</td>
<td>N/A</td>
<td>28-29 July (2 days)</td>
<td>HK$3,000</td>
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<td>6</td>
<td>PBHT5803 Development of Assessment Instruments and Questionnaire Design (1.5 credits)</td>
<td>Prof. Lawrence Lam</td>
<td>Group participation &amp; presentation 20% Written report 80%</td>
<td>25-27 July (3 days)</td>
<td>HK$4,500</td>
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<tr>
<td>7</td>
<td>EPID5005 How to conduct and publish systematic reviews and meta-analysis? (2.5 credits)</td>
<td>Prof. Jinling Tang</td>
<td>Formulating a question 15% Literature search 20% Date extraction 20% Data analyses 20% Writing up the report 25%</td>
<td>1-5 August (5 days)</td>
<td>HK$9,800</td>
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<tr>
<td>8</td>
<td>PBHT5804 Ethics, Social Justice and Global Health (1.5 credits)</td>
<td>Prof. Huso Yi &amp; Prof. Christopher Lowry</td>
<td>Short answer test 60% Essay 40%</td>
<td>8-10 August (3 days)</td>
<td>HK$4,500</td>
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<tr>
<td>9</td>
<td>PBHT5005 Human Physiology (2 credits)</td>
<td>Prof. Josette Chor</td>
<td>MCQ Summative examination with short-note questions 80% Take home assignment(s) 20%</td>
<td>8, 10, 13 (Sat, full day), 15, 17, 20 (Sat, full day) &amp; 24 (exam) Aug</td>
<td>HK$6,000</td>
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Please complete this form in BLOCK letters.

Title: Prof. □ Dr. □ Mr. □ Ms □ Sex: M □ F □

Name: ………………………………………………………………..….. (In English) …………………………..….. (In Chinese)
Surname              Given name
Mobile ……………...……       Fax: …………….…….       Email address: …………………...……...……………...

HK Identity Card No. ………………  (Passport No ……………………..…Country …………..…… if you do not have a HK ID Card)
Address: ……………………………………………………………………………

Academic Qualifications
Institution & Location Date of Attendance Major/Minor Diploma/Degree
(From / To)

Professional Qualifications
Professional Qualification Awarding Institution / Country Date of Award

Working Experience (Please list your current job first)
Institution and Location Position Date From / To

Selection of the course(s)

*Application fee HK$100 is required. (non-refundable)

<table>
<thead>
<tr>
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<td>HK$9,800</td>
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<tr>
<td>8</td>
<td>PBHT5004 Ethics, Social Justice and Global Health</td>
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<td>HK$4,500</td>
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<tr>
<td>9</td>
<td>PBHT5005 Human Physiology</td>
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<td>HK$6,000</td>
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Application fee is required. (non-refundable) ✓ HK$100

CUHK students and alumni can enjoy a 10% discount, please attach a copy of your CUHK Certificate/ Transcript/ CUHK ID if you are a CUHK or SPHPC Graduate.
Payment:

Amount: ____________________  Cheque no.: __________________  Bank: ____________________

Remarks:

- No refund will be made after receipt of payment.
- Acceptance of application is subject to availability.

I declare that the information given in support of this application is accurate and complete, and understand that any misrepresentation will result in the disqualification of my application for admission.

Signature: ________________________________________      Date: _________________________________

Office Use:

Received on: _____________________________      Received by: _________________________________

☐ Accept      ☐ Reject

Remarks: _____________________________________________
Unit: 2

Course Objectives
Introduce to students how non-communicable diseases (NCDs) become a major public health concern in the past decades, the trend of common NCDs, and prevention strategies.

Competencies
After the course, students will be able to examine different health promotion strategies and approach to minimize the risk factors and enhance the protective to combat the growing epidemics of NCD.

Assessment
Final Examination 100%

Timetable (tentative)

Thursday: 6:30 pm - 9:30 pm

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Hrs</th>
<th>Topic</th>
<th>Format</th>
<th>By</th>
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<tbody>
<tr>
<td>1</td>
<td>31 May 11</td>
<td>3</td>
<td>Impact of rapid urbanization and health Prevention of NCD amongst marginalized population and vulnerable groups</td>
<td>Lecture</td>
<td>AL</td>
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<tr>
<td>2</td>
<td>2Jun 11</td>
<td>3</td>
<td>Injury prevention (accidents) and Prevention of violence and promotion of safety and health</td>
<td>Lecture</td>
<td>AL</td>
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<tr>
<td>3</td>
<td>7 Jun 11</td>
<td>3</td>
<td>Mental health promotion across lifespan</td>
<td>Lecture</td>
<td>AL</td>
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<tr>
<td>4</td>
<td>9 Jun 11</td>
<td>3</td>
<td>Health promotion issues for adolescents</td>
<td>Lecture</td>
<td>AL</td>
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<td>5</td>
<td>14 Jun 11</td>
<td>3</td>
<td>Health promotion strategies to combat overweight and obesity I</td>
<td>Lecture</td>
<td>LM</td>
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<td>6</td>
<td>16 Jun 11</td>
<td>3</td>
<td>Patient self Management for NCD</td>
<td>Lecture</td>
<td>PP</td>
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<tr>
<td>7</td>
<td>21 Jun 11</td>
<td>3</td>
<td>Health promotion strategies to combat overweight and obesity II</td>
<td>Lecture</td>
<td>LM</td>
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<tr>
<td>8</td>
<td>23 Jun 11</td>
<td>3</td>
<td>Assessment</td>
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<td>AL / LM</td>
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Speakers

AL  Prof Albert Lee
LM  Dr Lancelot Mui
PP  Peter Poon (Hong Kong Society of Rehabilitation)
Unit: 1

Course Objectives
This elective course is designed for the students who are interested in developing basic understanding about substance and behavioural addictions (gambling, compulsive shopping, over-eating, internet addiction), as well as different perspectives and strategies regarding prevention and intervention regarding addiction. Students will also learn how to identify high risk behaviours or environmental factors, design practical preventive programme, and evaluate the outcome of preventive measures.

Competencies
Upon completion of the course, participants should be able to:
1. Understand different types of substance and behavioural addictions;
2. Understand the personal, familial as well as social/cultural factors which may contribute to the development of addictive behaviours;
3. Understand the underlying biological and psychological mechanisms that related to addiction;
4. Understand different types of treatments of addiction, the philosophies and principles behind different treatments and related controversies;
5. Have basic knowledge about the history of the preventive strategies in Hong Kong and overseas;
6. Identify the personal high risk behaviours and possible harmful group behaviours;
7. Understand important literatures and research related to addiction and the history of the development of the concept of “addiction”; 
8. Design practical preventive programmes and evaluate outcomes.

Assessment
Group project 50%
Essay 50%

Thursday: 6:30 pm - 9:30 pm

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<tr>
<td>1</td>
<td>June 1</td>
<td>3</td>
<td>Introduction to Substance and Behavioural Addiction</td>
<td>Lecture</td>
<td>PL</td>
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<td>2</td>
<td>June 8</td>
<td>3</td>
<td>Treatment and Prevention: Hong Kong &amp; Overseas</td>
<td>Lecture</td>
<td>PL</td>
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<tr>
<td>3</td>
<td>June 10</td>
<td>3</td>
<td>Prevention Program Design and Evaluation</td>
<td>Lecture</td>
<td>PL</td>
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<tr>
<td>4</td>
<td>July 8</td>
<td>3</td>
<td>Group Presentation</td>
<td>Workshop</td>
<td>PL</td>
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</table>

Speaker
PL Ms Polly Lam
Unit: 1

Course Objectives
This course discusses the application of theories in health promotion. Conceptual background as well as empirical basis of health behavioral theories are discussed. Description of basic social cognition models is not covered as they should be covered in basic courses. The course focuses on the application of these theories in the context of prevention and promotion, intervention, and rehabilitation. Students will have the opportunity to analyze and critique the strengths and weaknesses of varied approaches and application on health promotion.

Competencies
Upon completion of the course, students should be able to:
1. Demonstrate familiarity with health behavioral theories and associated research findings.
2. Appreciate strengths and limitations of theories in predicting health behaviors.
3. Apply scientific approach in the understanding of people’s health behaviors and their relationships with the communities in public health settings.
4. Design and apply theoretically based strategies for health promotion.

Assessment
One 8-10 paged paper evaluating the strengths and limitations of one chosen health behavior theory/ model in explaining health behavior.
(Due date: July 18, 2011)

Saturday: 9.30-12.30am, 2-5pm

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<td>Individual health behavior models</td>
<td>Lecture</td>
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<td>Interpersonal health behavior models</td>
<td>Lecture</td>
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<tr>
<td>3</td>
<td>9 July 2011</td>
<td>3</td>
<td>Community-based or ecological models of health behavior</td>
<td>Lecture</td>
<td>WM</td>
</tr>
<tr>
<td>4</td>
<td>9 July 2011</td>
<td>3</td>
<td>Application of theories in health promotion practice and research</td>
<td>Lecture</td>
<td>WM</td>
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Speaker

WM Prof. Winnie Mak
APPLICATION FORM

Please complete this form in BLOCK letters.

Title: Prof. □ Dr. □ Mr. □ Ms □ Sex: M □ F □

Name: …………………………………………………... (In English) ……………………………. (In Chinese)

Surname                 Given name

Mobile ………………………… Fax: ……………… Email address: …………………………………………

HK Identity Card No. ……………. (Passport No …………………..Country ……………….. if you do not have a HK ID Card)

Address:

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Academic Qualifications

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<th>Major/Minor</th>
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Professional Qualifications

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<th>Professional Qualification</th>
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Working Experience (Please list your current job first)

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Enquiry: 2252 8728

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<tr>
<td>1</td>
<td>HSOC5103 Lecture Series in Non-communicable Diseases as Public Health Concerns</td>
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<tr>
<td>2</td>
<td>HSOC5206 Prevention and Intervention in Substance Abuse and Behavioural Addiction</td>
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<td>HK$3,000</td>
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<tr>
<td>3</td>
<td>HSOC5211 Advanced Theories of Health Behaviours</td>
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Signature: __________________________ Date: __________________________

Office Use:

Received on: __________________________ Received by: __________________________

☐ Accept   ☐ Reject