

**JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH**

**JOHNS HOPKINS FALL INSTITUTE**

**SEVENTH ANNUAL**

**HEALTH POLICY AND MANAGEMENT  
BARCELONA, SPAIN**

**ORGANIZED BY:**

THE JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH, DEPARTMENT OF HEALTH POLICY AND MANAGEMENT AND THE AGÈNCIA DE SALUT PÚBLICA DE BARCELONA (THE PUBLIC HEALTH AGENCY OF BARCELONA) WITH THE COLLABORATION OF THE UNIVERSITAT POMPEU FABRA

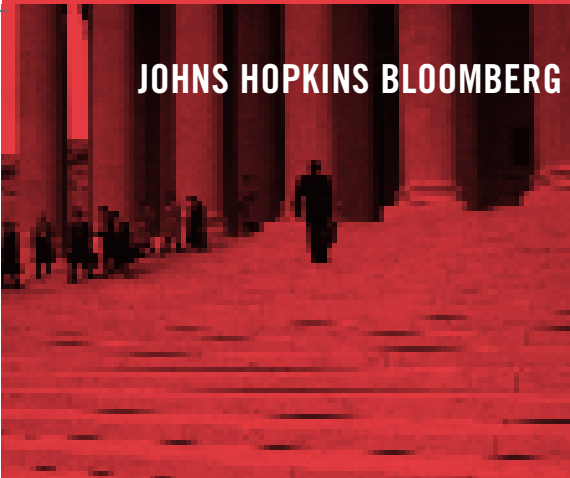
EUROPEAN CENTER OF THE JOHNS HOPKINS MEDICAL INSTITUTIONS IN COLLABORATION WITH THE AGÈNCIA DE SALUT PÚBLICA DE BARCELONA AND PARC DE SALUT MAR

**C S B** Consorci Sanitari de Barcelona

**A+B** Agència de Salut Pública

**NOVEMBER 2–20, 2010**

**WWW.JHSPH.EDU/HPM**





#### **SEVENTH ANNUAL JOHNS HOPKINS FALL INSTITUTE IN HEALTH POLICY AND MANAGEMENT**

The Johns Hopkins Bloomberg School of Public Health has enjoyed a close working relationship with The Agència de Salut Pública de Barcelona (the Public Health Agency of Barcelona) for many years. This relationship was strengthened in 2003 with the establishment of the first Johns Hopkins Fall Institute in Health Policy and Management sponsored by the Public Health Agency of Barcelona and the Bloomberg School, with the collaboration of the Universitat Pompeu Fabra. With twelve courses offered in different tracks including risk assessment and management of environmental, occupational and nutritional health, inequalities and community health, and advanced methods and techniques in health policy, the Fall Institute has grown to attract public health professionals and students from around the globe to participate in a strong set of courses offered each year by faculty from the Johns Hopkins University and the Public Health Agency of Barcelona.

In 2009, the Institut Municipal d'Assistència Sanitària, now the Parc de Salut Mar (Mar Health Park), with the collaboration of the Universitat Pompeu Fabra and the Universitat Autònoma de Barcelona, established a similar relationship with the Johns Hopkins Medical Institutions to create the first Fall Institute focusing on issues related to health policy and medical care. Six very successful workshops offered in 2009 have led to continued collaboration.

## GENERAL INFORMATION

The Johns Hopkins Bloomberg School of Public Health, the Agència de Salut Pública de Barcelona (the Public Health Agency of Barcelona), with the collaboration of the Universitat Pompeu Fabra, are pleased to announce the seventh annual Johns Hopkins Fall Institute in Health Policy and Management.

The Institute provides a unique opportunity for short-term, intensive educational courses in a variety of public health disciplines. The Institute is jointly sponsored by the world-renowned Johns Hopkins Bloomberg School of Public Health, and the Agència de Salut Pública de Barcelona, one of the major public health research agencies in Europe. With the collaboration of the Universitat Pompeu Fabra, the Institute serves as a convenient venue for public health professionals to begin or enhance their education with a focus in key health policy issues.

Participants, while learning about policies and management/leadership approaches that work, will explore current innovations as well. The program offers strategies for effective policy implementation and management. The Institute offers graduate-level academic courses that are equivalent to regular Bloomberg School courses given during the traditional academic year. The Institute courses may be taken not-for-academic credit, to enhance one's continuing education in the area of public health, and they may be taken for graduate academic credit.

## PARTICIPATING CENTERS

■ As a leading international authority on public health, the **Johns Hopkins Bloomberg School of Public Health** is dedicated to protecting health and saving lives. Every day, the School works to keep millions around the world safe from illness and injury by pioneering new research, deploying its knowledge and expertise in the field, and educating tomorrow's scientists and practitioners in the global defense of human life. The School's main campus is located in Baltimore, Maryland, USA.

■ **The Agència de Salut Pública de Barcelona** (Public Health Agency of Barcelona) is one of the leading research organizations and providers of public health services in Spain. With its outstanding cutting-edge research programs—always with a practical application—the Agència has established itself as a leader in public health practice in Europe.

■ The Fall Institute will be offered on the campus of the **Universitat Pompeu Fabra**, well known throughout Europe for its Master of Public and Social Policy Program, in collaboration with the faculty of the Johns Hopkins University, and its Master of Public Health program.

### HONORARY PRESIDENTIAL COMMITTEE

**The Honorable Mr. Jordi Hereu**, Mayor of the Municipality of Barcelona

**Michael J. Klag, MD, MPH**, Dean of the Johns Hopkins Bloomberg School of Public Health

**The Honorable Mrs. Isabel Ribas**, President of the Agència de Salut Pública de Barcelona

**Ellen J. MacKenzie, PhD**, Fred and Julie Soper Professor and Chair, Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health

**The Honorable Josep Joan Moreso**, President, the Universitat Pompeu Fabra

### DIRECTORS OF THE PROGRAM

**Vicente Navarro, MD, PhD, DrPH**, Director, Professor of Health Policy and Management, the Johns Hopkins Bloomberg School of Public Health; Professor and Director of the Public and Social Policy Program of the Universitat Pompeu Fabra, Johns Hopkins University

**Conrad Casas, PharmD**, Co-Director, Chief Executive Officer of the Agència de Salut Pública de Barcelona

**Jordi Alonso, MD, PhD**, Deputy Director, Coordinator of the Master of Public Health Program, Professor, Universitat Pompeu Fabra and Associate Faculty, Johns Hopkins Bloomberg School of Public Health

### CURRICULUM

Courses will be held in Barcelona, Spain, at the Universitat Pompeu Fabra, November 2–20, 2010. The classes, available in sessions ranging from two to four days, will be offered by distinguished faculty whose research and practice contribute new knowledge on a wide range of public health, health and social policy and health care issues, and who work with public health and health care leaders locally, nationally and internationally. This is a unique opportunity to learn with colleagues and others how to apply theory to real-world situations.

The Johns Hopkins Fall Institute in Health Policy and Management provides the same academically rigorous courses offered to degree candidates during the traditional academic year at the Johns Hopkins Bloomberg School of Public Health in Baltimore, Maryland, USA, but compressed into a shorter period of time. The flexibility of the Institute's curriculum allows participants to choose courses across a broad array of offerings. Students should select courses that best meet their educational and professional goals. To aid in the selection of offerings, several course tracks have been identified, with some courses housed in one or more tracks.

The tracks included in this year's Institute are: Public Health Policy and Management; Health Inequalities and Social Determinants of Health; Quantitative Methods; and Environmental Policy and Management. The tracks are noted in the course descriptions and are designed to minimize course overlap within that track.

Participants who focus on the Public Health Policy and Management track will be able to describe the current thinking in program planning, to apply leadership skills to influence people and institutions, and to develop the skills necessary to administer public health agencies.

Participants who concentrate on the Health Inequalities and Social Determinants of Health track will be able to understand the current thinking about the social, political, economic and cultural determinants of health and social well-being, as well as to comprehend the social and health policy interventions aimed at improving the health and quality of life of whole populations. Analyses of case studies and of specific situations and interventions will be integrated into these courses. The faculty will present reviews of their research findings and practical experiences and will pay special attention to strategies for reducing class, gender, and race inequalities.

Participants who focus on the Quantitative Methods track will be provided with the tools and skills necessary to undertake quantitative analyses of research data to better understand the impacts of health policies on populations.

Participants giving their attention to the Environmental Policy and Management track will be able to describe the current thinking regarding the political, economic and scientific contexts of shaping environmental and occupational health policy, and to identify the critical environmental issues facing public health leaders and policy-makers.

To take full advantage of this learning opportunity, Fall Institute participants will receive and read materials prior to the beginning of the course sessions, allowing for immediate and intensive in-class discussion and application of concepts to real-world examples.

Courses are taught each day from 8:30 a.m. to 6:00 p.m., thereby allowing participants to attend one course per day. All instruction will be in English, and students choosing to take a course for Johns Hopkins academic credit must hold a bachelor's degree

### JOHNS HOPKINS PART-TIME MPH PROGRAM

The Johns Hopkins Part-Time Master of Public Health (MPH) Program offers the opportunity for working professionals to earn a master's degree conveniently, without taking time off from work and relocating to the U.S.

The Fall Institute provides an opportunity for students to begin the program in Barcelona, starting with a one-day orientation session followed by a one-week introductory course. During the orientation and subsequent course in Barcelona, students have an opportunity to interact with Johns Hopkins faculty and program staff, as well as with current students, to build relationships that will support their studies throughout the program.

Part-time students may complete the degree requirements by creating a schedule that takes advantage of courses offered in the Fall Institute in Barcelona with courses offered on the main campus and courses taken over the Internet. Students can complete up to 80 percent of the degree requirements over the Internet, using subsequent trips to Barcelona or Baltimore, Maryland, USA, at times that are convenient to their schedules, to complete the degree program. Students are permitted three years to complete the degree requirements.

Further information on the part-time program can be found on the MPH website, [www.jhsph.edu/academics/degreeprograms/mph/](http://www.jhsph.edu/academics/degreeprograms/mph/). Questions related to the program and information on the application process should be directed to the MPH Program Office at [mphprog@jhsph.edu](mailto:mphprog@jhsph.edu) or 410-955-1291.

To begin the Part-Time MPH program in Barcelona this fall, the deadline for consideration is August 1, 2010.

### CERTIFICATE OF PARTICIPATION

A certificate of participation will be issued to all who attend the Johns Hopkins Fall Institute. Participants are expected to attend all sessions for the course or workshop they are registered for, and are expected to complete all classroom assignments and exercises as assigned by the course instructor. Grades are not issued for non-credit participants.

Students who take courses for Johns Hopkins graduate academic credit will be required to complete all classroom assignments and exercises, as well as a final paper or exam as assigned by the instructor. Grades for these participants will be recorded on an official School transcript.

Students must select a course status at the time of registration and may not retroactively opt for academic status after the conclusion of a course.

### REGISTRATION-FEE SCHOLARSHIPS

A limited number of registration-fee (non-academic credit) scholarships are available for the Fall Institute of 2010. Please note that scholarships are not available for those choosing to take the courses for academic credit. The selection of scholarship recipients will be based on criteria established by the Johns Hopkins Fall Institute Oversight Committee.

Participants interested in being considered for a scholarship must complete the online scholarship application form. The following information must be provided in the online application:

- (1) A curriculum vitae (resume)
- (2) A description of current position and employment status. It is necessary for the applicant to describe whether s/he holds a student or fellowship status and if s/he is employed full- or part-time. Information on current projects or programs must be included
- (3) A brief paragraph describing how the Fall Institute course(s) or workshop(s) will enhance job performance and/or career growth
- (4) The specific course(s) for which the applicant wishes to receive a scholarship

To request a scholarship, please visit the Institute's website at [www.jhsph.edu/dept/hpm/continuing\\_ed/fall\\_institute/](http://www.jhsph.edu/dept/hpm/continuing_ed/fall_institute/) and choose the link for Scholarship Application. Applications must include all four of the elements above in order to be considered. Completed application forms must be submitted for consideration no later than **Friday, July 9, 2010**. Decisions will be made and communicated to applicants no later than Friday, July 30, 2010. Scholarships are awarded for the specific courses requested in the application and are not transferable to other courses so make note of the course schedule before requesting a scholarship. Applicants not receiving a scholarship are welcome to register for courses, but must pay the registration fee in order to be confirmed in the course.

## REGISTRATION

Registration will open on Monday, August 2, 2010.

To register for the Health Policy and Management Fall Institute, please visit the Institute's website at [www.jhsph.edu/hpm/continuing\\_ed/fall\\_institute/](http://www.jhsph.edu/hpm/continuing_ed/fall_institute/) and choose the link for Registration to complete the online application.

## TUITION AND FEES

For participants who do not wish to receive Johns Hopkins academic credit, the registration fee is 138 euros per credit (approximately \$181/USD). The maximum number of courses that can be taken during the Institute is six. Participants paying the registration fee (not-for-credit) may pay in U.S. dollars or euros. Students paying in euros may make payment by electronic funds transfer (EFT), automatic clearing house (ACH) or wire through the Johns Hopkins Fall Institute account with Standard Bank in Great Britain. Students choosing this method of payment should contact the most convenient Institute office to obtain the account and bank routing numbers. The office in Barcelona can be reached at +34-93-542-2625; the office in Baltimore, Maryland, USA, at +1-410-614-1580. Students choosing this method of payment should submit a copy of the payment confirmation from the bank to the Baltimore Institute Office.

For those students who register for Johns Hopkins academic credit, tuition is \$862 per credit, and must be paid in U.S. dollars. MasterCard, Discover and Visa will be accepted for tuition payments. Participants financed by employers or outside organizations such as the World Health Organization should arrange with their agencies to

provide supporting documents with submission of their applications. All registrants should be prepared to provide payment to the Fall Institute for the balance of their tuition or course fees prior to October 20, 2010. Payment of fees in advance will expedite the registration process.

### COURSE MATERIALS

For each course and workshop, instructors have prepared a packet of reading material that all participants are expected to read prior to the start of class. Confirmed participants will receive directions for accessing the Web-based syllabus, which contains a link to the required articles or PDF versions of the articles. Course packets will be available on the website beginning Monday, September 20, 2010. Participants are encouraged to register early so they have adequate time to obtain course materials and complete the assigned readings before classes begin. **It is each participant's responsibility to ensure that they have received the course readings and completed the assignments required prior to the start of course.**

### CANCELLATION POLICIES

All courses must meet the minimum enrollment in order to be offered, and some courses have maximum limits as well. The Fall Institute reserves the right to cancel any course where enrollment has not been sufficient, based on the number of registrations received by the Institute as of Friday, October 8, 2010. All registered participants will be notified via email on Monday, October 11, 2010, regarding any canceled classes; these cancellations will also be posted on the website.

Confirmed participants who were registered in canceled courses will have 100 percent of their tuition or registration fee refunded. Please contact the Institute staff for more information.

### HOUSING ACCOMMODATIONS

The tuition and registration fees do not cover the cost of housing accommodations. However, arrangements have been made with several establishments near the Universitat Pompeu Fabra campus in Barcelona. Information on housing accommodations can be found on the Institute website, at [www.jhsph.edu/hpm/continuing\\_ed/fall\\_institute](http://www.jhsph.edu/hpm/continuing_ed/fall_institute).

### INSTITUTE LOCATION

Courses will be given at Institut d'Educació Continua (IDEC) on the campus of the Universitat Pompeu Fabra at the following address:

Balmes, 132  
08008 Barcelona  
Tlf. + 34 93 542 18 00

### BARCELONA ATTRACTIONS

Barcelona is the capital of Catalonia and is the second-largest city in Spain, with a population of over one million. With its Mediterranean climate and cosmopolitan character, Barcelona is considered to be one of the most important intellectual, artistic, scientific and cultural urban centers in Europe. For further information about Barcelona, visit [www.bcn.es/turisme/english/turisme/welcome.html](http://www.bcn.es/turisme/english/turisme/welcome.html)

### ADMINISTRATORS

**Judith L. Holzer, MBA**, Chief Administrator, Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health, [jholzer@jhsph.edu](mailto:jholzer@jhsph.edu), 443-287-4990, 410-614-9152 (fax)

**Marta Tur, MPP**, Deputy Chief Administrator, Universitat Pompeu Fabra, [marta.tur@upf.edu](mailto:marta.tur@upf.edu), 34-93-542-29-56, 34-93-542-19-84 (fax)

**Pamela Davis**, Institute Coordinator, Johns Hopkins Bloomberg School of Public Health, [pdavis@jhsph.edu](mailto:pdavis@jhsph.edu), 410-614-1580, 410-614-9152 (fax)

### EQUAL OPPORTUNITY STATEMENT

Johns Hopkins University is committed to recruiting, supporting and fostering a diverse community of outstanding faculty, staff and students. As such, Johns Hopkins does not discriminate on the basis of gender, marital status, pregnancy, race, color, ethnicity, national origin, age, disability, religion, sexual orientation, gender identity or expression, veteran status, or other legally protected characteristic in any student program or activity administered by the university or with regard to admission or employment. Defense Department discrimination in ROTC programs on the basis of sexual orientation conflicts with this university policy. The university continues its ROTC program, but encourages a change in the Defense Department Policy. Questions regarding Title VI, Title IX and Section 504 should be referred to the Office of Equal Opportunity and Affirmative Action Programs, 130 Garland Hall, Telephone: (410) 516-8075, (TTY): (410) 516-6225.

### ACCOMMODATIONS FOR PERSONS WITH DISABILITIES

The University provides appropriate, necessary and reasonable accommodations to qualified students, faculty and staff who are disabled. Visit [www.jhsph.edu/Student\\_Affairs/disability](http://www.jhsph.edu/Student_Affairs/disability) for complete information on the School's Disability Support Services, or contact the director of disability support at 410-955-3034 or [dss@jhsph.edu](mailto:dss@jhsph.edu).

For disability access information or listening devices, please contact the Office of Support Services at 410-955-1197 or on the Web at [www.jhsph.edu/SupportServices](http://www.jhsph.edu/SupportServices).

**FALL INSTITUTE IN HEALTH POLICY AND MANAGEMENT FACULTY****Carles Ariza, MD, PhD, MPH**

The Agència de Salut Pública de Barcelona; Associate Faculty  
Johns Hopkins Bloomberg School of Public Health

**Lucía Artazcoz, MD, PhD, MPH**

The Agència de Salut Pública de Barcelona; Associate Faculty  
Johns Hopkins Bloomberg School of Public Health

**Sara Bleich, PhD**

Assistant Professor of Health Policy and Management,  
Johns Hopkins Bloomberg School of Public Health

**Carme Borrell, MD, PhD**

The Agència de Salut Pública de Barcelona; Associate Professor,  
Universitat Pompeu Fabra; Associate Faculty, Johns Hopkins  
Bloomberg School of Public Health

**Thomas Burke, PhD, MPH**

Associate Dean for Public Health Practice and Training and  
Jacob I and Irene B. Fabrikant Professor and Chair in Health,  
Risk and Society; Professor of Health Policy and Management,  
Johns Hopkins Bloomberg School of Public Health

**Joan A. Caylà, MD, PhD**

The Agència de Salut Pública de Barcelona; Associate Faculty  
Johns Hopkins Bloomberg School of Public Health

**Christopher Cox, PhD**

Professor of Epidemiology  
Johns Hopkins Bloomberg School of Public Health

**Derek Cummings, PhD, MPH, MSc**

Assistant Professor of Epidemiology  
Johns Hopkins Bloomberg School of Public Health

**Kay Dickersin, PhD**

Professor of Epidemiology  
Johns Hopkins Bloomberg School of Public Health

**Marie Diener-West, PhD**

Chair, Master of Public Health Program; Professor of Biostatistics  
Johns Hopkins Bloomberg School of Public Health

**Èlia Díez, MD, MPH**

The Agència de Salut Pública de Barcelona; Associate Faculty  
Johns Hopkins Bloomberg School of Public Health

**Cyrus Engineer, DrPH, MHS**

Manager, WHO Patient Safety Project  
Johns Hopkins University School of Medicine

**Albert Espelt, MPH**

The Agència de Salut Pública de Barcelona; Associate Faculty  
Health, Policy and Management, Johns Hopkins Bloomberg  
School of Public Health

**Homayoon Farzadegan, PhD**

Professor of Epidemiology  
Johns Hopkins Bloomberg School of Public Health

**Robert Gaze, BA**

Section Manager, HACCP & Quality Systems, Campden BRI,  
Great Britain; Associate Faculty, Johns Hopkins Bloomberg  
School of Public Health

**Patricia García de Olalla, MD, MPH**

The Agència de Salut Pública de Barcelona; Associate Faculty Health, Policy and Management, Johns Hopkins Bloomberg School of Public Health

**Alvaro Munoz, PhD**

Professor of Epidemiology  
Johns Hopkins Bloomberg School of Public Health

**Vicente Navarro, MD, PhD, DrPH**

Professor of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health; Director, Public and Social Policy Program, Universitat Pompeu Fabra–Johns Hopkins University

**Anna Pérez, MPH**

The Agència de Salut Pública de Barcelona

**Santiago Pérez-Hoyos, PhD**

Unitat de suport en Metodologia per a la investigació Biomèdica  
Institut de Recerca Hospital Vall d'Hebrón

**Rosa Puigpinós, MPH**

The Agència de Salut Pública de Barcelona; Associate Faculty Johns Hopkins Bloomberg School of Public Health

**Dana Sleicher, MPH, MA**

Associate Faculty  
Johns Hopkins Bloomberg School of Public Health

**Ferran Tapia, BA**

The Agència de Salut Pública de Barcelona; Associate Faculty Health, Policy and Management, Johns Hopkins Bloomberg School of Public Health

**Hilary Thomson, PhD, MPH**

Senior Investigator Scientist, Medical Research Council and Public Health Sciences Unit, Glasgow; Associate Faculty, Johns Hopkins Bloomberg School of Public Health

**James Tielsch, PhD**

Professor of International Health  
Johns Hopkins Bloomberg School of Public Health

**Joan R. Villalbí, MD, PhD, MPH**

The Agència de Salut Pública de Barcelona; Associate Professor Universitat Pompeu Fabra; Associate Faculty, Johns Hopkins Bloomberg School of Public Health

**Jennifer Wolff, PhD, MHS**

Associate Professor of Health Policy and Management  
Johns Hopkins Bloomberg School of Public Health

## DEPARTMENT OF HEALTH POLICY AND MANAGEMENT | FALL INSTITUTE NOVEMBER 2010

### COURSE OFFERINGS

#### PUBLIC HEALTH POLICY AND MANAGEMENT TRACK

##### **Problem-Solving in Public Health**

**550.608.98**

4 credits

November 2-5, 2010

Instructors: Ms. Dana Sleicher, Dr. Cyrus Engineer and Ms. Anna Pérez

Note: Enrollment in this course is limited to 45 students.

This course serves as an integrated introduction to the field of public health, offering definitions of health and public health, a comparison of the fields of public health and medicine, and an introduction to a broad array of current public health issues. The main focus of the course is to help students develop an effective, coherent approach to solving public health problems. Public health work is rarely conducted in isolation: Students will work in teams to develop their skills in the use of a public health framework for addressing public health challenges—and opportunities.

The problem-solving framework used in the course contains a series of sequential steps: defining the problem; measuring its magnitude; understanding the key determinants; identifying and developing intervention and prevention strategies; setting priorities and recommending policies; implementing intervention strategies; and evaluating the interventions. Effective communication strategies are critical at all stages of the problem-solving framework, and the human rights impact of each step is actively considered.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation, small group work and group presentation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

##### **Introduction to International Health**

**220.601.98**

4 credits

November 2-5, 2010

Instructors: Dr. James Tielsch and Ms. Rosa Puigpió

This course introduces approaches used by various countries in solving their health and medical care problems, and the role of major international health organizations. The course will analyze some of the current important issues in international health.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

*\*Meets requirement for Certificate in Humanitarian Assistance*

**The Causes and Consequences of Obesity****300.859.98**

3 credits

November 8-10, 2010

Instructors: Drs. Sara Bleich and Carles Ariza

Obesity is one of the biggest public health threats of the 21st century with far reaching health and economic consequences. This course will provide students with an in-depth understanding of the global obesity epidemic and the major challenges to reducing the prevalence of excess body weight. Lectures will be interdisciplinary and focus specifically on the global prevalence of obesity (including variation among sub-populations), the direct and indirect consequences of obesity, the primary and distal causes of obesity, methodological issues related to the study of obesity, and promising interventions/policies to address the problem of obesity. Students are encouraged to think creatively about the nature of the global obesity epidemic and possible ways to reduce population prevalence.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation and in-class assignments. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final exam due within one month after the conclusion of the course, on a date identified by the instructor.*

**Health Issues for Aging Populations****309.605.98**

3 credits

November 11-13, 2010

Instructors: Drs. Jennifer Wolff and Lucia Artazcoz

This course will provide an overview of issues in health and health care delivery for older persons. Students will explore three modules: (1) broad social and policy implications of an aging society (demography, socially defined roles and expectations, disability dynamics and trends, housing and the built environment), (2) clinical issues in aging (aging and geriatric medicine, chronic care, long-term care delivery, ethical issues in the health care of older adults, and death and dying), and (3) financial implications (financing of health and long-term care, retirement and economic security, sustainability of entitlement programs for older adults).

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation and group exercises. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final exam due within one month after the conclusion of the course, on a date identified by the instructor.*

*\*Meets requirement for Certificate in Gerontology*

**Epidemiology and Public Health Impact of HIV and AIDS 340.646.98**

4 credits

November 15-18, 2010

Instructors: Drs. Homayoon Farzadegan and Patricia García de Olalla

This course provides an overview of the historical and public health aspects of the HIV/AIDS epidemic, with review and analysis of virology, immunology, clinical and laboratory manifestations, legal and ethical issues, economic impact and needs for future research and intervention for global control of the HIV epidemic. Topics to be considered include understanding the knowledge base on the basic science of HIV infection and host response, as well as being able to recognize and compare HIV/AIDS epidemics at the global level. By the conclusion of the course, students will be able to explain the basis of clinical management of HIV infection at the individual and population levels.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

**Introduction to the Risk Sciences and Public Policy 317.600.98**

3 credits

November 15-17, 2010

Instructors: Drs. Tom Burke and Joan R. Villalbí

This course is also offered in the Environmental Policy Track

This course provides an introduction to the basic paradigm for quantitative risk assessment and illustrates its application in the public policy process using case studies. Topics that will be examined include risk assessment in a broad societal context, considering social, economic, and political factors that affect risk decision-making, evolution of risk assessment, and the use of risk assessment in regulatory processes. Students will complete a risk assessment exercise as part of a small group and present it to the class.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

*\*Meets requirement for Certificates in: Injury Control; Public Health Preparedness; Risk Sciences and Public Policy*

**ENVIRONMENTAL POLICY AND MANAGEMENT TRACK****Audits of Hazard Analysis and Critical Control Point (HACCP) Systems in Food and Feed Operations****300.855.98**

2 credits

November 11-12, 2010

Instructors: Mr. Robert Gaze and Mr. Ferran Tapia

This course will provide an introduction to the auditing of hazard analysis and critical control point (HACCP) systems in food and feed operations. Students will have the opportunity to refresh their understanding of the Codex HACCP principles, to learn about the different stages of an audit and will be required to perform reviews of sample HACCP documentation. To achieve these aims, the instructors will use a mix of presentations, short exercises and a case study.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

**Introduction to the Risk Sciences and Public Policy****317.600.98**

3 credits

November 15-17, 2010

Instructors: Drs. Tom Burke and Joan R. Villalbí

This course provides an introduction to the basic paradigm for quantitative risk assessment and illustrates its application in the public policy process using case studies. Topics that will be examined include risk assessment in a broad societal context, considering social, economic, and political factors that affect risk decision-making; evolution of risk assessment; and the use of risk assessment in regulatory processes. Students will complete a risk assessment exercise as part of a small group and present it to the class.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

*\*Meets requirement for Certificates in: Injury Control; Public Health Preparedness; Risk Sciences and Public Policy*

**HEALTH INEQUALITIES AND SOCIAL DETERMINANTS TRACK****The Politics of Health Policy****300.652.98**

4 credits

November 8-11, 2010

Instructors: Drs. Vicente Navarro and Carme Borrell

R. Virchow, one of the founders of public health, once said that “public health is a social science and politics is public health in its most profound sense.” Yet research into how political and economic forces shape the health of populations is limited. The focus of this course is on the dynamics of these political and economic forces and on the powerful effects they have on health. The course aims to analyze how power—namely class, race, and gender power—is reproduced in society, nationally and internationally, and how power affects the health and well-being of populations. The course analyzes the causes of underdevelopment and looks at the reasons for the growth in social inequalities, both worldwide and within nations.

Additional issues central to this course include the effect of wealth and income distributions on levels of population health; the question of why some countries have national health insurance, others have national health services, and the U.S. has neither; the influences of financial and corporate capital in the health sector; the question of whether political parties make a difference; the finances of political parties; and what is meant by democracy, with a look at its meaning for health. These and other topics are discussed in both formal presentations and in Oxford-style debates with active student participation. The course has twice been awarded The Golden Apple, the top

award given by the students of the Bloomberg School of Public Health to the best course given in the School.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

*\*Meets requirement for Certificate in Health Disparities and Health Inequality*

**Evidence for Healthy Urban Policy****300.857.98**

2 credits

November 12-13, 2010

Instructors: Drs. Hilary Thomson and Èlia Díez

This course will provide an overview of the impact of urban planning on the health of a population or community. Topic areas to be considered include the WHO healthy urban policy framework, urban regeneration, and healthy urban transport and their impact on the health of neighborhoods. The course will focus on the use of available research evidence that can be used to maximize the potential for urban planning to impact on health and will also consider impacts on health inequalities. The course will reflect on the difficulties of promoting healthy urban policy in the absence of a firm evidence base and also how evidence can be applied in real world situations. Examples from the U.K., Spain, the U.S. and other developed countries will be considered.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final paper due within one month after the conclusion of the course, on a date identified by the instructor.*

### QUANTITATIVE METHODS TRACK

#### **Systematic Reviews and Meta-Analysis**

**340.888.98**

3 credits

November 2-4, 2010

Instructors: Drs. Kay Dickersin and Marie Diener-West and Mr. Albert Espelt

Note: Enrollment in this course is limited to 20 students.

This course will guide participants through the steps of developing a systematic review, and is aimed at those with a protocol for a systematic review under development. Included in this class will be a statistics review session, presentations about Cochrane Collaboration methodology, and hands-on practice using the Cochrane Collaboration's Review Manager (RevMan) software. To participate in this class, students must have taken introductory epidemiology and biostatistics courses. In addition, students must have a research question and topic for a systematic review that they are currently working on. Students should bring a laptop computer with a CD-ROM for installing the software and should be comfortable with the use of the computer and new software applications.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a systematic review and a meta-analysis project due within one month after the conclusion of the course, on a date identified by the instructor.*

#### **Advanced Methods for Design and Analysis of Cohort Studies**

**340.728.98**

4 credits

November 15-18, 2010

Instructors: Drs. Alvaro Munoz, Christopher Cox and Santiago Pérez-Hoyos

Note: Enrollment in this course is limited to 30 students.

This course explores advanced methods useful for the design and analysis of cohort studies. Topics that will be covered in the class include methods for analyzing time-to-event data subject to staggered entries using advanced parametric and semi-parametric methods, including regression tree approaches; analytical methods for incomplete observations in cohort studies; methods to measure effects of exposures on time-to-event using relative times and relative hazards; parametric survival analysis methods and taxonomy of hazard functions; coefficients of determination based on parametric models for survival data; regression methods for trajectories of biomarkers including detection of inflexion points; methods for the analysis of interventions in observational studies: confounding by indication, marginal structural models for individual effectiveness and

methods for estimating population effectiveness and the determination of the optimal time to intervene. Methods are based on published papers using data from cohort studies coordinated by the instructors' research team. To participate in this class, students must have taken introductory epidemiology and biostatistics courses.

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final report due within one month after the conclusion of the course, on a date identified by the instructor.*

### **Infectious Disease Dynamics:**

#### **Theoretical and Computational Approaches**

**340.677.98**

3 credits

November 18-20, 2010

Instructors: Drs. Derek Cummings and Joan A. Caylà

This course will focus on the dynamic processes that affect the spread of infectious disease. Topics that will be presented include the basic conceptual approaches and a survey of specific theoretical and computational methods for simulating the spread of diseases. Other topics will include the effect of population heterogeneity on transmission, simulation of the impacts of interventions, social networks and the links between transmission dynamics and the evolution of pathogens. Particular methods to be used in the discussions include mathematical models, spatial-temporal analysis of epidemics, social network theory, genetic algorithms, individual-based models and other tools of systems epidemiology. The concepts and methods

being presented will be applied to historical epidemics, as well as current emerging diseases and diseases of international public health importance.

*To participate in this class, students must have a strong background in biostatistics as well as in calculus.*

*All students enrolled in this course will be evaluated for receipt of the certificate of participation based on class participation. Students taking this course for Johns Hopkins academic credit will be further evaluated on a final project due within one month after the conclusion of the course, on a date identified by the instructor.*

**COURSE SCHEDULES**

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>NOVEMBER 1 – 6</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
9:00 a.m. – 5:00 p.m.	JHU MPH Orientation					
8:30 a.m. – 6:00 p.m.		Meta-Analysis 340.888.98	Meta-Analysis 340.888.98	Meta-Analysis 340.888.98		
		Patient Safety 309.730.98	Patient Safety 309.730.98	Patient Safety 309.730.98		
		Problem-Solving 550.608.98	Problem-Solving 550.608.98	Problem-Solving 550.608.98	Problem-Solving 550.608.98	
		Intro to IH 220.601.98	Intro to IH 220.601.98	Intro to IH 220.601.98	Intro to IH 220.601.98	
<b>NOVEMBER 8 – 13</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
8:30 a.m. – 6:00 p.m.	Obesity 300.859.98	Obesity 300.859.98	Obesity 300.859.98			
				Aging Populations 309.605.98	Aging Populations 309.605.98	Aging Populations 309.605.98
	Clinical Research 340.889.98	Clinical Research 340.889.98	Clinical Research 340.889.98	Clinical Research 340.889.98	Clinical Research 340.889.98	
					Urban Policy 300.857.98	Urban Policy 300.857.98
				HACCP 300.855.98	HACCP 300.855.98	
	Politics of Health Policy 300.652.98	Politics of Health Policy 300.652.98	Politics of Health Policy 300.652.98	Politics of Health Policy 300.652.98		
<b>NOVEMBER 15 – 20</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
8:30 a.m. – 6:00 p.m.	Intro to Risk 317.600.98	Intro to Risk 317.600.98	Intro to Risk 317.600.98			
				Infectious Disease 340.677.98	Infectious Disease 340.677.98	Infectious Disease 340.677.98
	Teaching Skills 300.998.98	Teaching Skills 300.998.98	Teaching Skills 300.998.98			
	Cohort Studies 340.728.98	Cohort Studies 340.728.98	Cohort Studies 340.728.98	Cohort Studies 340.728.98		
				Clinical Leadership 300.999.98	Clinical Leadership 300.999.98	Clinical Leadership 300.999.98
	EPI HIV/AIDS 340.646.98	EPI HIV/AIDS 340.646.98	EPI HIV/AIDS 340.646.98	EPI HIV/AIDS 340.646.98		

STUDENTS MAY TAKE COURSES IN BOTH THE HEALTH POLICY AND MANAGEMENT AND HEALTH POLICY AND MEDICAL CARE FALL INSTITUTES.