



SPRING 2018 COURSE OFFERINGS

January 16, 2018 – April 27, 2018

This schedule is subject to change; all arrangements should be confirmed with the course program. Spring Recess begins March 11, 2018 and ends March 17, 2018.

Registration dates October 23, 2017 to January 26, 2018

Mondays

PUBH 5419 (14094)	Public Health Agencies Time: 2pm to 5pm Location: TBD Instructor: Karen Spargo Email: kenspargo@gmail.com Mondays: 1/22/18 – 4/30/18
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Takes organization and management theory into practice. The focus is on governmental and non-profit agency management and administration. Emphasis is on developing and defending budgets, personnel management, working within the political context, with the community and with multiple agencies.

PUBH 5407 (14072)	Practicum in Public Health Time: By Arrangement Location: By Arrangement Instructor: Amanda Durante Email: durante@uchc.edu Permission numbers required from program office Mondays: 1/22/18 – 4/30/18
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This supervised, collaborative, experiential community learning course is a core requirement for 2nd-year students. The Practicum enables students to synthesize their individual didactic learning and public health practice field experiences with a real world hands-on experience as a group. The Practicum is an important aspect of the UCHC MPH Program's applied practice focus on preparing students with understanding, knowledge, experience, skills and values necessary to function successfully as public health practitioners. Together with the program's core course sequence, applied practice curriculum, and capstone requirement, students will accrue a portfolio of course grades, written reports and exams, preceptor evaluations, research, and service projects that document their readiness to enter the field of public health practice.

PUBH 5462
(14114) **International Health**
Time: 5:30pm to 8:30pm
Location: 195 Farmington Ave, Suite 2100, Large Conference Room
Instructor: Stephen Schensul
Email: schensul@uchc.edu
Mondays: 1/22/18 – 4/30/18

This course will provide an overview of international health with special emphasis on increasing the capacities and skills of students to generate appropriate and culturally-relevant interventions to address the major health challenges in developing countries. The content of the course will include disease distribution, country and global population dynamics, the social and cultural context of disease and a review of the range of health services in developing countries. Several sessions will be devoted to presentations of on-going projects in India, Uganda, Haiti, Nigeria and other countries. Methodology will be presented that can assist in intervention design. Readings will consist of articles and book chapters assigned in association with each session; there will be no text for the course. Teaching approaches will include lecture/discussion and small group work.

PUBH 5497
(14800) **Environmental Health and Ethical Decision Making**
Time: 5:30pm to 8:30pm
Location: TBD
Instructor: A. Karim Ahmed
Email: ahmed@ncseglobal.org
Mondays: 1/22/18 – 4/30/18

This course will study the link between environmental health sciences and decision making through the critical lens of societal beliefs and ethical values. The policy-related concepts and regulatory applications of conventional “cost-benefit analysis”, “unreasonable risk standard” and “precautionary principle” will be closely examined by a detailed review of decisions made by governmental bodies and the business community. Using a case-study approach, placed within a comprehensive ethical and risk communication framework, the class will explore past and present risk management decisions made with respect to global climate change, biodiversity loss, occupational health/safety, air and water quality, toxic substances and hazardous wastes, agricultural chemicals, and in the introduction of new technologies.

Tuesdays

PUBH 5497
(14462) **Public Health Ethics**
Time: 2pm to 5pm
Location: 195 Farmington Ave, Suite 2100, Large Conference Room
Instructor: Audrey Chapman
Email: achapman@uchc.edu
Tuesdays: 1/16/18 – 5/1/18

This course will consider the normative foundations of public health and ethical issues relevant to formulating public health policy on a series of health issues. Topics it will address include the following: the strengths and limitations of various ethical frameworks for public health ethics; ethical issues related to resource allocation and rationing in a period of relative economic scarcity; ethical issues related to proceeding with the development of controversial new technologies and conducting the first-in-human research trials; ethical and privacy issues related to the introduction of electronic medical records and the use of health surveillance technologies; and a public health ethics perspective on policies relating to alcohol, tobacco, and drugs. This course will be taught as a seminar

PUBH 5497
(14903) **Biostatistics Methods in Clinical Research**
Time: 4pm to 7pm
Location: CEC Classroom #1.
Instructor: Jamie Grady
Email: jgrady@uchc.edu
Tuesdays: 1/16/18 – 5/1/18
Cross listed CLTR 5020

Quantitative procedures including descriptive and inferential statistics, non-parametric approaches to data, and parametric analyses through factorial analysis of variance.

PUBH 5405
(14071) **Social and Behavioral Foundations of Public Health**
Time: 5:30 to 8:30
Location: Farmington, Patterson
Instructor: Alicia Dugan
Email: adugan@uchc.edu
Tuesdays: 1/16/18 – 5/1/18
Permission numbers required from program office, enrollment limit 35

An introductory survey emphasizing basic social science concepts in the analysis of public health including orientations toward health, disease and health care, the origins and distribution of health care resources, and the role of social movements and research in improving public health.

PUBH 5405
(14469) **Social and Behavioral Foundations of Public Health**
Time: 5:30 to 8:30
Location: Storrs, Rowe 320
Instructor: Alicia Dugan
Email: adugan@uchc.edu
Tuesdays: 1/16/18 – 5/1/18
Permission numbers required from program office

An introductory survey emphasizing basic social science concepts in the analysis of public health including orientations toward health, disease and health care, the origins and distribution of health care resources, and the role of social movements and research in improving public health.

PUBH 5436
(14076) **Intermediate Epidemiology**
Time: 5:30pm to 8:30pm
Location: 195 Farmington Ave., Suite 2100, Large Conference Room
Instructor: Richard Stevens
Email: bugs@uchc.edu
Tuesdays: 1/16/18 – 5/1/18

This course will go into depth on some of the major design and implementation issues in epidemiology and biomedical research. These issues will be explored by consideration of the following topics: the structure and design of the important cohort studies in Framingham and in the Atomic Bomb survivors in Hiroshima and Nagasaki; Tamoxifen intervention for prevention of breast cancer; cervical screening with Pap and HPV DNA; international differences in cohort effects in breast cancer risk; impact of circadian disruption by electric lighting on disease. By the conclusion of the course, the student should have a better appreciation of the importance and complexities of epidemiological investigation.

PUBH 5497
(14930)
Public Health Nutrition
Time: 6pm to 9pm
Location TBD
Instructor: Angela Bermudez-Millan
Email: bermudez-millan@uchc.edu
Tuesdays: 1/16/18 – 5/1/18

This course will provide an introduction to Public Health Nutrition. Emphasis will be on definition, identification and prevention of nutrition related disease, as well as improving health of a population by improving nutrition. This course also emphasizes the societal, economic, environmental, and institutional barriers to improving the nutritional status and health of diverse population groups. It will also discuss key concepts and methods in Nutrition Epidemiology in order to equip student with some of the tools needed to design, analyze, and critically evaluate population-based nutrition research. Finally, it will review existing programs and policies, including strengths, weaknesses and areas for modification or new interventions.

Wednesdays

PUBH 5475
(14077)
Public Health and the Aging Society
Time: 2pm to 5pm
Location: ASB Building, Center on Aging Conf. Room, 2nd flr
Instructors: Julie Robison, Rick Fortinsky
Emails: jrobison@uchc.edu and fortinsky@uchc.edu
Wednesdays: 1/17/18 – 5/2/18

This course examines the demographics of aging; organization, financing and delivery of health services for older adults; formal and informal caregiving; retirement and housing policy; and end of life care. Policy and ethical aspects of these topics will be explored. The course will be research-oriented, integrating empirical evidence to illustrate central concepts. Familiarity with basic principles of research design, including ability to critically read and synthesize scientific literature, is important

PUBH 5405
(14070)
Environmental Health
Time: 6pm to 9pm
Location: Farmington, Classroom: Patterson
Instructor: TBD
Permission numbers required from program office, Enrollment limit 35
Wednesdays: 1/17/18 – 5/2/18

Explores the policy, political and public health implications of such issues as air pollution, drinking water, exposure to hazardous chemicals, indoor air pollution, food protection, lead poisoning, housing, international issues, etc. Provides the student with some basic technical information and familiarity with terms for a better understanding of policy and political decisions and health effects of environmental exposures.

PUBH 5404
(14467)
Environmental Health
Time: 6pm to 9pm
Location: Storrs, Rowe 320
Instructor: TBD
Permission numbers required from program office
Wednesdays: 1/17/18 – 5/2/18

Explores the policy, political and public health implications of such issues as air pollution, drinking water, exposure to hazardous chemicals, indoor air pollution, food protection, lead poisoning, housing, international issues, etc. Provides the student with some basic technical information and familiarity with terms for a better understanding of policy and political decisions and health effects of environmental exposures.

PUBH 5473
(14464) **Women, Public Health and Reproduction**
Time: 5:30pm to 8:30pm
Location: TBD
Instructor: Laura Minor
Email: lsmomwife@aol.com
Wednesdays: 1/17/18 – 5/2/18

The history of reproduction and public health issues in the U.S.; underlying ethical issues in modern reproductive health care and key components of opposing views; major financial, social and emotional considerations in policy making and the increasing role that reproductive health plays in public health as a whole.

PUBH 5434
(14075) **Topics in Intermediate Biostatistics**
Time: 5:30pm to 8:30pm
Location: Farmington, Library, rooms CEC 2 & 3
Instructor: Chia-Ling Kuo
Email: kuo@uchc.edu
Wednesdays: 1/17/18 – 5/2/18

An introduction to the interplay of experimental design and data analysis. Begins with a review of statistical estimation and testing. Topics include analysis of variance, linear regression, and power analysis. Applications are emphasized through the demonstration and use of statistical software.

Thursdays

PUBH 5453
(14099) **Chronic Disease Control**
Time: 2pm to 5pm
Location: 195 Farmington Ave, Suite 2100, Large Conference Room
Instructor: Helen Swede
Email: swede@uchc.edu
Thursdays: 1/18/18 – 5/3/18

Chronic diseases are examined from clinical, epidemiologic, and evidence-based risk reduction perspectives. Diseases examined include selected cancers, Type II diabetes, cardiovascular and cerebrovascular diseases, chronic obstructive pulmonary disease, obesity, sickle cell disease/trait, and conditions tested in state newborn screening programs. Also covered: historical and modern roles of public health agencies in chronic disease control; and, ethnic/racial disparities in incidence and outcome.

PUBH 5409
(14074) **Introduction to Epidemiology/Biostatistics II**
Time: 6pm to 9pm
Location: Farmington, Patterson
Instructor: Scott Wetstone
Email: wetstone@uchc.edu
Permission numbers required from program office
Thursdays: 1/18/18 – 5/3/18

This continuation of a 2-course sequence on basic epidemiology, biostatistics and public health research addresses hypothesis generation, data collection methods, point and confidence interval estimation, inference testing, correlation/regression analysis, multivariable interaction, effect modification, power and meta-analysis. Evaluation of study designs, research methods and statistical procedures in clinical and public health literature will be stressed.

PUBH 5409 (10757)	Introduction to Epidemiology/Biostatistics II Time: 6pm to 9pm Location: Storrs, Rowe 320 Instructor: Scott Wetstone Email: wetstone@uchc.edu Permission numbers required from program office Thursdays: 1/18/18 – 5/3/18
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This continuation of a 2-course sequence on basic epidemiology, biostatistics and public health research addresses hypothesis generation, data collection methods, point and confidence interval estimation, inference testing, correlation/regression analysis, multivariable interaction, effect modification, power and meta-analysis. Evaluation of study designs, research methods and statistical procedures in clinical and public health literature will be stressed.

PUBH 5463 (14461)	Comparative Health Systems Time: 5:30pm to 8:30pm Location: 195 Farmington Ave, Suite 2100, Large Conference Room Instructor: Audrey Chapman Email: achapman@uchc.edu Thursdays: 1/18/18 – 5/3/18
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This course will conduct a comparative analysis of the organization of health systems and how selected health systems perform key functions. The course will also consider how different health systems are responding to a series of issues and challenges such as the escalating costs of health-related inputs, the expanding role of private health care institutions, the increasing rates of migration of health care workers, and achieving universal coverage of health services. Readings and discussions will address health system issues in countries at all levels of development. The course will include the U.S. health system in its comparative analysis.

Days, Times, and Locations by Arrangement

PUBH 5498 (14079)	Field Experience in Public Health Systems Instructor: Amanda Durante Email: durante@uchc.edu Dates, times, and location by arrangement 1/18/18 – 5/3/18
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Under direction by field preceptors, students will participate in an intensive service-learning experience wherein they will examine a timely public health issue from the perspective of health indicators/disease surveillance; policy development; planning, implementation, or evaluation of public health services; essential public health functions; and operational issues of a large complex public health agency/organization. Permission numbers required.

PUBH 5499 (14080)	Capstone Project in Public Health (3-6 cr.) Instructor: David Gregorio Email: gregorio@uchc.edu Dates, times and location by arrangement
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Under faculty guidance, students pursue independent projects on special topics in the public health sciences. This is the course intended for students pursuing a final project. Permission numbers required.

PUBH 6490 (14082)	Public Health Doctoral Research Seminar Instructor: Tom Babor (1cr.) Email: babor@uchc.edu Date and Time TBD Farmington, Room TBD
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The Public Health Doctoral Research Seminar is a three-semester sequence required of all doctoral candidates. Seminars should be completed during the first three semesters of enrollment, although the sequence will differ depending on when matriculation begins. This semester's focus will be on the dynamics of teaching public health. Using selected readings and workshops on teaching effectiveness, students will shadow instructors of the public health program and reflect on differences inherent in teaching in large lecture or small conference settings. Students also will have opportunity to participate in direct teaching of undergraduates enrolled in a Introduction to Public Health Course.

GRAD 5998	Special Readings (if you are doing a Plan B or have not submitted your Plan B)
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GRAD 5999	Thesis Preparation (if you are doing a thesis and have submitted your Plan A)
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Online Courses

PUBH 5501 (14098)	Foundations in Public Health in Disabilities Instructor: Tara Lutz Email: lutz@uchc.edu
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The course is an introductory survey of the ways in which disability, both developmental and acquired, is affected by, and interacts with, public health policy and practice. The major goal of this course is to provide a foundational understanding of a comprehensive set of issues of both acquired and developmental disability as related to the core elements of public health. Topics include: history of disability, definitional and diagnostic issues of disability, epidemiology, disability law, ethics, research, individual and public health interventions, financing, research and the future of disability. This course will examine underlying social attitudes both toward disability as a construct, and toward people with disabilities and the impact that those attitudes have on public health policy and practices.

PUBH 5502 (14488)	Epidemiology of Disabilities Instructor: Tara Lutz Email: lutz@uchc.edu
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The course extends the concepts and methods of epidemiology to the major categories of acquired and developmental disabilities and their risk factors, incidence, and prevalence rates. The goal of this course is to provide students a foundation in epidemiological methods and to understand the ways in which disability can provide a useful perspective on high quality epidemiological studies that can advance the

field of public health. Research design, definitional aspects of disability, and etiologic factors are emphasized throughout the course. Students in this class will develop competency in identifying and understanding the historical context of disability epidemiology, epidemiological terminology of specific disability conditions and methodological concepts. Students will be expected to be able to describe current epidemiological concepts and controversies in acquired and developmental disabilities.

PUBH 5504 **Public Health Intervention in Disabilities**
(14081) **Instructor: Linda Hope Rammler**
 Email: lravmler@uchc.edu

Drawing from contemporary literature and research in the interdisciplinary field of disability studies, students will examine and analyze disability public health interventions from the perspective of the interplay between society, community, health and wellness, the environment, resources, and services systems. Students will analyze how – through the implementation of evidence-supported practices and initiatives – society, health and environments shape and are shaped by disability; and how full societal participation, reduction of personal obstacles and harm, and preservation of just and safe environments for people with disability can be realized. The course will be presented in seminar fashion with student participation strongly encouraged. Guest lectures will be provided by people with disabilities and experts in various fields related to disability and public health interventions.

PUBH 5479 **Alcohol and Drug Policy Research**
Instructor: Jon Noel
Email: jknoel@hotmail.com

Policymakers and government officials are increasingly seeking answers to practical questions about the impact of policies and programs on the health of the population, as well as on crime rates, traffic accidents and harm to others. This course will be organized around the measures, methods and research designs used to investigate alcohol and drug policy issues, including prevention science. It is geared towards, but not limited to, matriculated MPH students, public health professionals, health care providers, and the mental health and addiction workforce. This course will be delivered online. Students will be expected to meet with instructor in person at least once during the semester at their convenience. This course will be presented online and in person.

PUBH 5481 **Research Careers and the Responsible Conduct of Research in Alcohol and Addiction Science**
Instructor: Tom Babor
Email: babor@uchc.edu

This course is designed to achieve three objectives: 1) Teach students about the responsible conduct of research and ethical research practices; 2) Provide guidance on how to develop a sound research proposal by guiding students through the public and private grant writing process; and 3) Review career options and employment opportunities in addiction science. Required prerequisites to enroll in this course are two of the following three courses - Epidemiology of Substance Use Disorders (PUBH 5478/ 5497), Alcohol and Drug Policy Research (PUBH 5479), and/or Clinical & Social Service Systems Research (PUBH 5480/ 5497). Alternatively, students that have completed one of the courses will be allowed to enroll in a second course (of the 3) and this course in the same semester. Special permission to take the course may also be given by the instructor. This course will delivered online. Students will be expected to meet with instructor in person at least once during the semester at their convenience. This course will be presented online and in person.