

# Program in Applied Public Health Sciences

## Spring 2020 Course Schedule

Course #	Title	Location	Time
<b>Monday</b>			
PUBH 5407-F40	Practicum in Public Health	Suite 2100, Large Conf. Room <sup>b</sup>	5:30-8:30
PUBH 5434-F40	Topics in Intermediate Biostatistics	U3071 A/B <sup>b</sup>	5:30-8:30
PUBH 5497-F43	Public Health Interventions	Classroom A1 <sup>a</sup>	5:30-8:30
PUBH 5497-F44	Critical Health Issues Facing the U.S.	Classroom A8 <sup>a</sup>	5:30-8:30
<b>Tuesday</b>			
PUBH 5405-F40	Social & Behavioral Foundations of Public Health, Farmington	C8/Patterson Auditorium <sup>a</sup>	5:30-8:30
PUBH 5405-001	Social & Behavioral Foundations of Public Health, Storrs	Rowe 320 <sup>d</sup>	5:30-8:30
<del>PUBH 5419-F40</del>	<del>Public Health Agencies</del> CANCELLED	<del>U3071 A/B<sup>b</sup></del>	<del>5:30-8:30</del>
PUBH 5460-F40	Health and Human Rights	Suite 2100, Large Conf. Room <sup>b</sup>	5:30-8:30
PUBH 5497-F42	Policy Development & Advocacy	Classroom A1 <sup>a</sup>	6:00-9:00
<b>Wednesday</b>			
PUBH 5404-F40	Environmental Health, Farmington	C8/Patterson Auditorium <sup>a</sup>	6:00-9:00
PUBH 5404-001	Environmental Health, Storrs	Rowe 320 <sup>d</sup>	6:00-9:00
PUBH 5475-F40	Public Health and Policy in an Aging Society	ASB2 <sup>c</sup>	2:00-5:00
PUBH 5497-F41	Public Health Nutrition	U3071 A/B <sup>b</sup>	2:00-5:00
PUBH 5497-F46	Public Health Topics in Humanitarian Crisis, Disaster Preparedness and Response	Suite 2100, Large Conf. Room <sup>b</sup>	5:30-8:30
<b>Thursday</b>			
PUBH 5409-F40	Introduction to Epidemiology & Biostatistics II, Farmington	C8/Patterson Auditorium <sup>a</sup>	6:00-9:00
PUBH 5409-001	Introduction to Epidemiology & Biostatistics II, Storrs	Rowe 320 <sup>d</sup>	6:00-9:00
PUBH 5414-F40	Health Economics	U3071 A/B <sup>b</sup>	5:30-8:30
PUBH 5436-F40	Intermediate Epidemiology	U3071 A/B <sup>b</sup>	2:00-5:00
PUBH 5497-F40	Reproductive Health Ethics	Suite 2100, Large Conf. Room <sup>b</sup>	5:30-8:30
<b>Friday</b>			
PUBH 5497-F45	Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Seminar II	The Exchange, Suite 173, UCEDD Conf. Room <sup>e</sup>	8:30-4:30
<b>Variable Days</b>			
PUBH 5495-F40	Independent Study in Public Health		
PUBH 5498-F40	Field Experience in Public Health System		
PUBH 5499-F40	Capstone Project in Public Health		
PUBH 6490-F40	Public Health Seminar		
GRAD 5950	Master's Thesis Research		
GRAD 5998-F40	Special Readings		
GRAD 5999-F40	Thesis Research		
<b>Online</b>			
PUBH 5479-F40	Alcohol and Drug Policy Research		
PUBH 5481-F40	Research Careers & the Responsible Conduct of Research in Alcohol & Addiction Science		
PUBH 5501-F40	Foundations of Public Health and Disability		
PUBH 5502-F40	Epidemiology of Disability		
PUBH 5504-F40	Public Health Interventions in Disability		

<sup>a</sup> UCONN Health Academic Building

<sup>b</sup> UCONN Health 195 Farmington Avenue

<sup>c</sup> UCONN Health Administrative Services Building (ASB)

<sup>d</sup> UCONN Storrs

<sup>e</sup> UCONN Health 270 Farmington Avenue (The Exchange)

## COURSE DESCRIPTIONS

### MONDAYS, 1/27/20 – 5/4/20

**PUBH 5407-F40 Practicum in Public Health (1005) UCONN Health Farmington 3 credits**

Under faculty guidance, students undertake an organized set of activities that responds to an identified need of a public health agency or health-related organization. The activities may involve the policy development, planning, implementation, administration or evaluation of public health services, or a combination of such activities. Students should be appropriately advanced before initiating the practicum. **Permission number required from MPH Office.**

**Instructor:** Stacey Brown, PhD stbrown@uchc.edu  
**Time:** 5:30 – 8:30 PM  
**Room:** Suite 2100, Large Conference Room, 195 Farmington Ave.

**PUBH 5434-F40 Topics in Intermediate Biostatistics (1088) UCONN Health Farmington 3 credits**

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.

**Instructor:** Grace Chan, PhD gchan@uchc.edu  
**Time:** 5:30 – 8:30 PM  
**Location:** U3071 A/B, 195 Farmington Ave.

**PUBH 5497-F43 Public Health Interventions (1078) UCONN Health Farmington 3 credits**

This course reviews methods involved in planning, implementing, and evaluating public health interventions with a focus on health behavior change and community-based participatory methods. The goal is to help students understand and apply epidemiological, theoretical, and health behavior change principles to address a broad spectrum of public health topics and health care system challenges. Students will review examples of successful and unsuccessful community-based or system-level health interventions and critique them on practical and theoretical grounds. This course provides students with an important evidence-based roadmap for analyzing public health needs, developing intervention ideas, addressing implementation factors, and recognizing sound evaluation methods.

**Instructor:** William Shaw, PhD wshaw@uchc.edu  
**Time:** 5:30 – 8:30 PM  
**Location:** Classroom A1

**PUBH 5497-F44 Critical Health Issues Facing the U.S. (17550) UCONN Health Farmington 3 credits**

This course will focus on major public health issues that are resulting in a stagnant, if not declining, U.S. life expectancy and quality of life, as well as an increasing U.S. health deficit with other developed/industrialized countries. It will also explore the life expectancy and morbidity disparities between different socioeconomic, geographical, racial/ethnic, and other cohorts within the U.S., including the importance and sustainability of U.S. social support programs in addressing these disparities. The goals of the course are to equip students with analytical and advocacy skills to enable them to develop and advance proposals to enhance public health. There will be lively class discussions/debates, and guest speakers to provide valuable future contacts and resources. In lieu of in-class exams, there will be a take-home quiz with a choice of questions, and students will write a paper on a major public health issue of their choice, with a presentation of their paper to the class.

**Instructor:** Barry Zitser, JD zit123cap@gmail.com  
**Time:** 5:30 – 8:30 PM  
**Location:** Classroom A8

## COURSE DESCRIPTIONS TUESDAYS, 1/21/20– 5/5/20

**PUBH 5405-F40 Social & Behavioral Foundations of Public Health 3 credits**  
**(1004) UCONN Health Farmington**

**PUBH 5405-001 Social & Behavioral Foundations of Public Health 3 credits**  
**(10002) UCONN Storrs**

**Be sure to select the campus where you expect to attend classes**

This course is 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. **Permission number required from MPH Office.**

**Instructor: Alicia Dugan, PhD** **adugan@uchc.edu**

**Time: 5:30 – 8:30 PM**

**Locations: Patterson Auditorium & C8, Farmington  
Rowe 320, Storrs**

**PUBH 5419-F40 Public Health Agencies - CANCELLED 3 credits**  
**(17495) UCONN Health Farmington**

This course 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.

**Instructor: Karen Spargo, MA, MPH, RS** **knspargo@gmail.com**

**Time: 5:30 – 8:30 PM**

**Location: U3071 A/B, 195 Farmington Ave.**

**PUBH 5460-F40 Health and Human Rights 3 credits**  
**(17496)**

This course explores the many ways in which human health and well-being are related to human rights. Human rights are a field of international law that includes major treaties, treaty bodies, and adjudicatory mechanisms. This course will review the ways in which human rights instruments and jurisprudence have addressed health and issues related to health. Students will also study a wide range of substantive public health issues that have a human rights dimension, and consider the ways that human rights are used as advocacy tools to improve the structural environment that shapes the public's health.

**Instructor: Audrey Chapman, PhD, MDiv, STM** **achapman@uchc.edu**

**Time: 5:30-8:30 PM**

**Location: Suite 2100, Large Conference Room, 195 Farmington Ave.**

**PUBH 5497-F42 Policy Development & Advocacy 3 credits**  
**(1077)**

This course provides an introduction to the public health function of policy development. It prepares future public health advocates with substantive knowledge on how policy is crafted and provides practical skills on engaging policymakers, the press, and advocacy organizations to support public health initiatives. The course combines policy development, real-life case studies, lectures by Connecticut legislators and staff as well as community activists, and a series of classroom discussions and exercises.

**Instructor: Sally Mancini, MPH** **sally.mancini@uconn.edu**

**Cara Passaro, JD, MPH**

**Time: 6:00 – 9:00 PM**

**Location: Classroom A1**

## COURSE DESCRIPTIONS

### WEDNESDAYS, 1/22/20– 5/6/20

**PUBH 5404-F40 Environmental Health 3 credits**  
**(1003) UCONN Health Farmington**

**PUBH 5404-001 Environmental Health 3 credits**  
**(10001) UCONN Storrs**

**Be sure to select the campus where you expect to attend classes**

This course explores the policy, political and public health implications of such issues as air pollution, drinking water, exposure to hazardous chemicals, indoor air pollution, food safety, 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. **Permission number required from MPH Office.**

**Instructor: Marco Palmeri, MPH, RS mpalmeri@uchc.edu**

**Time: 6:00 - 9:00 PM**

**Locations: Patterson Auditorium & C8, Farmington  
Rowe 320, Storrs**

**PUBH 5475-F40 Public Health and Policy in an Aging Society 3 credits**  
**(1090) UCONN Health Farmington**

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.

**Instructors: Julie Robison, PhD jrobison@uchc.edu  
Richard Fortinsky, PhD fortinsky@uchc.edu**

**Time: 2:00 – 5:00 PM**

**Location: ASB2, Administrative Services Building (ASB)**

**PUBH 5497-F41 Public Health Nutrition 3 credits**  
**(1076) UCONN Health Farmington**

This course will introduce the topic, emphasizing the definition, identification and prevention of nutrition-related disease, as well as ways of 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 discuss key concepts and methods in nutritional epidemiology in order to equip students with some of the tools needed to design, analyze and critically evaluate population-based nutrition research. Lastly, it will review existing programs and policies, including strengths, weaknesses and areas for modification or new interventions.

**Instructor: Angela Bermudez-Millan, PhD, MPH bermudez-millan@uchc.edu**

**Time: 2:00-5:00 PM**

**Location: U3071A/B, 195 Farmington Ave.**

**PUBH 5497-F46 Public Health Topics in Humanitarian Crisis, Disaster Preparedness and Response 3 credits**  
**(17800) UCONN Health Farmington**

Students who take this course will get a general understanding of the public health impact of disasters and humanitarian crisis, disaster preparedness and response to an acute emergency. Students will learn practical strategies and tools for disaster planning/ preparedness and disaster response. We will also discuss history and ethics behind humanitarianism and public health problems that arise in a protracted crisis caused by disaster or conflict settings including emergence of infectious disease, displacement, malnutrition, gender-based violence, and psychiatric disease. In addition, students will learn about all elements of a response to a long term crisis including Water, Sanitation and Hygiene (WASH) considerations, logistic and security challenges, and healthcare. They will learn how to design a response plan to a crisis or disaster situation and understand health needs of a displaced population.

**Instructors: Natalie Moore, MD, MPH nmoore@uchc.edu  
Mayte Restrepo, MA, MPH restrepo@uchc.edu**

**Time: 5:30-8:30 PM**

**Location: Suite 2100, Large Conference Room, 195 Farmington Ave.**

## COURSE DESCRIPTIONS THURSDAYS, 1/23/20–5/7/20

<b>PUBH 5409-F40 (1006)</b>	<b>Introduction to Epidemiology &amp; Biostatistics II UCONN Health Farmington</b>	<b>3 credits</b>
<b>PUBH 5409-001 (9198)</b>	<b>Introduction to Epidemiology &amp; Biostatistics II UCONN Storrs</b>	<b>3 credits</b>

**Be sure to select the campus where you expect to attend classes**

This continuation of a two-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. Non-degree students may request permission to enroll through the MPH Program Office. **Permission number required from MPH Office.**

**Instructor:** Scott Wetstone, MD wetstone@uchc.edu  
**Time:** 6:00-9:00 PM  
**Locations:** Patterson Auditorium & C8, Farmington  
Rowe 320, Storrs

<b>PUBH 5414-F40 (17494)</b>	<b>Health Economics UCONN Health Farmington</b>	<b>3 credits</b>
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Introduction to economic theory and various applications of economics in the analysis of the U.S. health care system.

**Instructor:** Greg Rhee, PhD, MSW rhee@uchc.edu  
**Time:** 5:30-8:30 PM  
**Location:** U3071A/B, 195 Farmington Ave.

<b>PUBH 5436-F40 (1007)</b>	<b>Intermediate Epidemiology UCONN Health Farmington</b>	<b>3 credits</b>
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Major design and implementation issues in epidemiology and biomedical research. By the conclusion of the course, the student should have a better appreciation of the importance and complexities of epidemiological investigation.

**Instructor:** Helen Swede, PhD swede@uchc.edu  
**Time:** 2:00-5:00 PM  
**Location:** U3071A/B, 195 Farmington Ave.

<b>PUBH 5497-F40 (1075)</b>	<b>Reproductive Ethics and Rights UCONN Health Farmington</b>	<b>3 credits</b>
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This course will explore ethical, human rights, and policy issues related to the provision of reproductive health care using an interdisciplinary perspective. It will examine the requirements of reproductive justice and evolving views over time of the obligations of governments to provide reproductive health services to all women and men. The course will assess the ethical implications of the use of a variety of assisted reproductive technologies, both current and developing technologies, including the genetic screening of embryos, egg donation and payment, sex selection, mitochondrial replacement, and gene editing. The course will also address legal issues related to the regulation of various forms of reproductive health status and pregnancy termination. Course materials will expose students to a variety of perspectives. We also will track and discuss current political controversies and policies. The readings and discussions will focus on the United States, but material from other countries will also be integrated in the course.

**Instructor:** Audrey Chapman, PhD, MDiv, STM achapman@uchc.edu  
**Time:** 5:30-8:30 PM  
**Location:** Suite 2100, Large Conference Room, 195 Farmington Ave.

**COURSE DESCRIPTIONS**  
**FRIDAYS, 1/25/19–5/10/19**

**PUBH 5497-F45 Leadership Education in Neurodevelopmental and related Disabilities (LEND) Seminar II** **3 credits**

**(1094) UCONN Health Farmington**

This is the second of a 2-seminar sequence that is part of an interdisciplinary leadership training program aimed at improving the health of infants, children and adolescents who have, or are at risk for developing, neurodevelopmental and other related disabilities, with an emphasis on autism spectrum disorders. Lecturers include experts from different disciplines from UConn and across the country. Topics include the following: cultural competency, family-centered care, interdisciplinary teamwork, service integration, community-based organization, disability policy and advocacy, etc. This seminar is open to Leadership Education in Neurodevelopmental and related Disabilities (LEND) trainees.

**Instructor: Mary Beth Bruder, PhD**

**bruder@uchc.edu**

**Time: 8:30-4:30 PM**

**Location: UCEDD Conference Room, Suite 173,  
The Exchange, 270 Farmington Ave.**

## VARIABLE DAYS & TIMES

**PUBH 5495-F40 Independent Study in Public Health Variable 1 – 9 credits**  
**(1019) UCONN Health Farmington**

An individual course for those wishing to pursue special topics in the public health sciences under faculty supervision. May be repeated for credit.

**Instructor:** Staff  
**Time/Location:** By arrangement

**PUBH 5498-F40 Field Experience in Public Health Systems Variable credits**  
**(1008) UCONN Health Farmington**

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. (**NOTE:** Students will be required to minimally dedicate a half day (at least 3 day-time hours) each week to their onsite field work obligations, consistent with the hours/schedule of the agency/organization and must adjust their schedules accordingly.) **Permission number required from MPH Office.**

**Instructor:** Stacey Brown, PhD **stbrown@uchc.edu**  
**Time/Location:** By arrangement

**PUBH 5499-F40 Capstone Project in Public Health Variable 3 - 6 credits**  
**(1009) UCONN Health Farmington**

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 number required from MPH Office.**

**Instructor:** David Gregorio, PhD, MS **gregorio@uchc.edu**  
**Time/Location:** By arrangement

**PUBH 6490-F40 Public Health Doctoral Research Seminar 1 credit**  
**(1011) UCONN Health Farmington**

This student-centered seminar series will meet weekly in both the Fall and Spring semesters of the student's first two years and will introduce the students to a broad range of faculty and outside speakers in public health. The seminar will follow a cycle where students read and discuss papers for an upcoming presenter, the next week the speaker will present and participate in discussion and questions and answers, and the following week there will be a student presentation. During their fourth semester, students will present an overview of the literature supporting their proposed research project. This seminar is common to all students in the doctoral program in public health. Please arrange this placement with the faculty member and the Program Director. **Permission number required from MPH Office.**

**Instructor:** Thomas Babor, PhD, MPH **abor@uchc.edu**  
**Time/Location:** By arrangement

**GRAD 5950 Master's Thesis Research Variable 1 - 9 credits**  
**UCONN Health Farmington**

This course is to be used by those students who are performing required research for the Master's Thesis paper. Other courses may be taken concurrently and students may hold a graduate assistantship. Full-time enrollment equals a total of 6 credits. **Recommendation of student's major advisor and MPH program permission required.**

**Instructor:** Student's Major Advisor  
**Time/Location:** By arrangement

**GRAD 5998-F40 Special Readings 0 credits**  
**(1071) UCONN Health Farmington**

To be used by master's students who are not enrolled in a thesis (Plan A) track. This is a non-credit course for which master's degree students must register in cases where their regular program of course work for credit has been interrupted and they are not otherwise registered.

**Instructor:** Student's Major Advisor  
**Time/Location:** By arrangement

**GRAD 5999-F40 Thesis Research 0 credits**  
**(1072) UCONN Health Farmington**

Open only to graduate students enrolled in a Plan A Master's Degree Program. This is a non-credit course to be used to maintain registered status by Plan A master's students who have completed their coursework and who are not registered for any other credit-bearing course.

**Instructor:** Student's Major Advisor  
**Time/Location:** By arrangement

## ONLINE COURSES

**PUBH 5479-F40 Alcohol and Drug Policy Research 3 credits**  
**(1017) Online**

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. Discussion of the measures, methods and research designs used to investigate alcohol and drug policy issues, including prevention science.

**Instructor:** Jonathan Noel, PhD, MPH

[jonathan.noel@jwu.edu](mailto:jonathan.noel@jwu.edu)

**Dates/Times:** By arrangement

**PUBH 5481-F40 Research Careers & the Responsible Conduct of Research in Alcohol & 3 credits**  
**(1018) Online**

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. **Permission number required from instructor.**

**Instructor:** Thomas Babor, PhD, MPH

[babor@uchc.edu](mailto:babor@uchc.edu)

**Dates/Times:** By arrangement

**PUBH 5501-F40 Foundations of Public Health and Disability 3 credits**  
**(1012) Online**

Introductory survey of the ways in which disability, both developmental and acquired, is affected by, and interacts with, public health policy and practice. Students will have a foundational understanding of a comprehensive set of issues of both acquired and developmental disability as related to the core elements of public health as framed by the 10 Essential Public Health Services. **Permission number required from instructor.**

**Instructor:** Adriane Griffen, DrPH, MPH, MCHES

[adriane.griffen@gmail.com](mailto:adriane.griffen@gmail.com)

**Dates/Times:** By arrangement

**PUBH 5502-F40 Epidemiology of Disability 3 credits**  
**(1015) Online**

This course introduces epidemiologic research design and delves deeply into epidemiology, as it applies to monitoring the health status of people with disabilities, diagnosing and investigating health problems, evaluating personal and population-based interventions, and conduct of research as uniquely affecting and affected by disability. It also critically examines sources of public health and epidemiologic data that exist. As part of the Certificate of Interdisciplinary Disability Studies in Public Health (Disability Certificate), the course aligns with the 10 Essential Public Health Services. **Prerequisites: PUBH 5501 (waived with instructor permission).**

**Instructor:** Tara Lutz, PhD, MPH, CHES

[lutz@uchc.edu](mailto:lutz@uchc.edu)

**Dates/Times:** By arrangement

**PUBH 5504-F40 Public Health Interventions in Disability 3 credits**  
**(1010) Online**

This course is the final course in the Certificate of Interdisciplinary Disability Studies in Public Health (Disability Certificate). It aligns with the 10 Essential Public Health Services. It critically examines public health systems and programs across the lifespan available to people with disabilities that impact health. It extends on foundational principles that are evidence-based and driven by epidemiologic studies of disability within the context of existing laws and policies. **Prerequisites: PUBH 5501, 5502, & 5503 (waived with instructor permission).**

**Instructor:** Tara Lutz, PhD, MPH, CHES

[lutz@uchc.edu](mailto:lutz@uchc.edu)

**Dates/Times:** By arrangement