

College of Public Health & Health Professions
PHC 6937 Introduction to Public Health (MHA Section)
Spring 2013
Online, Self-paced
E-Learning in Sakai

Contact Information

This course is managed by:

Allyson Hall, PhD
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Course Overview or Purpose

This course is designed for students in non-public health programs in the College of Public Health and Health Professions. The purpose of the course is to provide a broad introduction to public health as well as an understanding about how their specific degrees contributes to achieving the goals of public health.

The MHA degree is unique from other non-public health degrees. Second year MHA students have already covered a significant portion of the curriculum in Introduction to US Health Care (HSA 6114). Lectures from HSA 6114 have been omitted. In addition, since MHA students have already had epidemiology and biostatistics these lectures have also been removed.

MHA students should not have access to and do not need to listen to the following lectures. 3-1; 3-2a; 3-2b; 4-2; 4-3; 4-4; 4-5; 4-6; 5-3

Mode of Delivery, Time Required, Credit

The course is provided entirely online using voice-over power point presentations in a self-paced format via the UF Course Management System, Sakai, at <http://lss.at.ufl.edu>. The course is a 3-credit graduate level course that must be completed before **April 24, 2013 at 11:55PM**.

Course Objectives and/or Goals

Upon completion of this course, students will be able to:

- Discuss the history of public health in the United States
- Relate the social-ecological model to public health research and services
- Describe the core functions and essential services of public health
- Describe how health is measured and compared across regions or populations
- Discuss the structure of the public health system in the United States and its relationship to the health care system
- Specify how public health interventions are created, implemented, and evaluated
- Demonstrate how discipline-specific research contributes to population health

Course Materials

Course readings, lectures, and powerpoint presentations are posted in the course website at <http://lss.at.ufl.edu>. There is no required textbook. This course was designed to function best in a PC-computer with high-speed Internet service. Some lecture material may not play in a Mac environment nor via slow Internet service.

Course Requirements/Evaluation/Grading

Students are required to listen to all of the posted lectures. Course requirements include the completion of two online quizzes and a reaction paper. The first quiz will be open between March 11th and March 17th. This quiz will cover lectures 1-1 through 6-4. The second quiz will be open between April 17th and April 24th. The second quiz will cover lectures 7-1 through 9-5. Students can take the quizzes at any point during the open period.

In additions, students are required to complete a reaction paper by April 24th. Details on the reaction paper will be posted online in March.

Quiz 1: 40%

Quiz 2: 40%

Reaction Paper: 20%

Course grading scale:

Percentage or points earned in class	93%-100%	90%-92%	87%-89%	83%-86%	80%-82%	77%-79%	73%-76%	70%-72%	67%-69%	63%-66%	60%-62%	Below 60%
Letter Grade equivalent	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E

Final course grades are rounded off to the nearest whole number. For greater detail on the meaning of letter grades and university policies related to them, see the Graduate School Grade Policy regulations at <http://gradcatalog.ufl.edu/>

Topical Outline

Module 1 – Course Introduction		
Lecture Number	Lecture Title	Lecturer and Affiliation
1-1	Introduction and Overview of the Course	Allyson Hall, PhD
Module 2 – History of and Current Perspectives on Public Health		
Lecture Number	Lecture Title	Lecturer and Affiliation
2-1	Introduction	Cindy Prins, PhD, MPH, CIC Clinical Assistant Professor, Dept. of Epidemiology, College of Public Health and Health Professions
2-2	The History of Public Health	Cindy Prins, PhD, MPH, CIC Clinical Assistant Professor, Dept. of Epidemiology, College of Public Health and Health Professions
2-3	Healthy People 2010 and 2020	Melody Schiaffino, MPH PhDc Dept. of Health Services Research, Management and Policy College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> • Marmot, Michael. (2005). Social determinants of health inequalities. Lancet 365: 1099-104. • For students interested in further study on the social determinants of health, there is a self-study course available from WHO/PAHO at: http://dds-dispositivoglobal.ops.org.ar/curso/cursoeng/contexto.html 	
Module 3 – Understanding Health		
Lecture Number	Lecture Title	Lecturer and Affiliation
3-1	Introduction	Allyson Hall, PhD
3-3 – Behavior and health		
3-3a	Behavior and its relationship to health, illness, and disease	Barbara Curbow, MA, PhD Professor and Chair, Dept. of Behavioral Science and Community Health College of Public Health and Health Professions
3-3b	Causes of Health, Illness, and Disease; The Ecologic framework	Barbara Curbow, MA, PhD Professor and Chair, Dept. of Behavioral Science and Community Health College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> • Gibbs, Nancy. (2007). Pillow Angel Ethics. TIME, January 7, 2007 click on pdf or this website - http://www.time.com/time/nation/article/0,8599,1574851,00.html • Twombly, E.C. & Holtz, K.D. (2008). Tweens and the misuse of prescription drugs: evidence-based recommendations to curb a growing societal problem. Journal of Primary Prevention. 29:503-516. • Rostad, B., Deeg, D.J.H., & Schei, B. (2009). Socioeconomic inequalities in health in older women. European Journal of Ageing. 6:39-47. 	
Module 5 – Law, Government, and Public Health		

Lecture Number	Lecture Title	Lecturer and Affiliation
5-1	Introduction	Susan O. White, MEd Director of Public Health Professional Education Programs, College of Public Health and Health Professions
5-2 – Law, Government, and Public Health		
5-2a	Law and Public Health	Phillip M. Cox II, Esq., JD Associate Director, Patient Safety Education and Research UF Self-Insurance Program
5-2b	Government and Public Health	Phillip M. Cox II, Esq., JD Associate Director, Patient Safety Education and Research UF Self-Insurance Program
Reading:	<ul style="list-style-type: none"> • STEVENS, J., Opinion of the Court, SUPREME COURT OF THE UNITED STATES, 429 U.S. 589, Whalen v. Roe, APPEAL FROM THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK, No. 75-839 Argued: October 13, 1976 --- Decided: February 22, 1977. • Fred Boreali et al., Respondents, v. David M. Axelrod, as Commissioner of The New York State Department of Health, et al., Appellants. 30 A.D.2d 107 (1987). Appellate Division of the Supreme Court of the State of New York, Third Department. July 23, 1987. • ROBERT E. RUBIN, SECRETARY OF THE TREASURY, PETITIONER v. COORS BREWING COMPANY. SUPREME COURT OF THE UNITED STATES. No. 93-163. On Writ of Certiorari to the United States Court of Appeals for the Tenth Circuit. April 19, 1995. • City of New York et al., Plaintiffs, v. New Saint Mark's Baths et al., Defendants. 130 Misc.2d 911 (1986). Supreme Court, Special Term, New York County. January 6, 1986. • JACOBSON v. MASSACHUSETTS. 197 U.S. 11 (1905). No. 70. Supreme Court of United States. Argued December 6, 1904. Decided February 20, 1905. • SOUTH DAKOTA v. DOLE, SECRETARY OF TRANSPORTATION. 483 U.S. 203 (1987). No. 86-260. Supreme Court of United States. Argued April 28, 1987. Decided June 23, 1987. • DENT v. WEST VIRGINIA. 129 U.S. 114 (1889). No. 119. Supreme Court of United States. Submitted December 11, 1888. Decided January 14, 1889. • DESHANEY, A MINOR, BY HIS GUARDIAN AD LITEM, ET AL. v. WINNEBAGO COUNTY DEPARTMENT OF SOCIAL SERVICES ET AL. 489 U.S. 189 (1989). No. 87-154. Supreme Court of United States. Argued November 2, 1988. Decided February 22, 1989 	

Module 6 – Core Functions and Services		
Lecture Number	Lecture Title	Lecturer and Affiliation
6-1	Introduction	Susan O. White, MEd Director of Public Health Professional Education Programs, College of Public Health and Health Professions
6-2 – Assessment and Surveillance		
6-2a	Community Assessment	Evelyn King-Marshall, MPH PhD Candidate, Dept. of Behavioral Science and Community Health College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> • Johnson, Chad V., et. al. (2010) <i>Urban Indian Voices: A Community-based Participatory Research Health and Needs Assessment</i>. The Journal of the National Center of American Indian and Alaska Native Mental Health Research. 17(1). • Keller, Heather H. and Hedley, Margaret R. (2002) <i>Nutritional Risk Needs Assessment of</i> 	

		<i>Community-living Seniors: Prevalence of Nutrition Problems and Priorities for Action. Journal of Community Health. 27(2).121-132.</i>
6-2b	Public Health Surveillance	Taj Azarian, MPH PhD Candidate, Dept. of Epidemiology College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> Centers for Disease Control and Prevention. (2004) Framework for Evaluating Public Health Surveillance Systems for Early Detection of Outbreaks. <i>Morbidity and Mortality Weekly Report</i>. 53. RR-5. 	
6-3 – Policy Development		
6-3a	Establishing Evidence for Developing Effective Public Health Programs	Steve Pokorny, PhD Director of Health Promotion, Florida Department of Health, Alachua County Health Department and. Adjunct Assistant Professor, Dept. of Behavioral Science and Community Health, College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> www.cancer.gov/cancertopics/cancerlibrary/theory.pdf - a concise summary of health behavior theories http://ctb.du.edu - over 6,000 pages of practical skill-building information on over 250 different topics. 	
6-3b	Community Based Participatory Research	Catherine Striley, PhD, MSW, MPE Assistant Professor, Dept..of Epidemiology, College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> Wallerstein, Nina, et al. <i>What Predicts Outcomes in CBPR? Community-Based Participatory Research for Health</i>. Ch. 21. Israel, Barbara, et al. <i>Critical Issues in Developing and Following CBPR Principles. Community-Based Participatory Research for Health</i>. Ch. 3. Viswanathan M, et. al. (2004) <i>Community-Based Participatory Research: Assessing the Evidence. Evidence Report/Technology Assessment No. 99 (Prepared by RTI–University of North Carolina Evidence-based Practice Center under Contract No. 290-02-0016). AHRQ Publication 04-E022-2. Rockville, MD: Agency for Healthcare Research and Quality. July 2004.</i> 	
6-3c	Program Evaluation	Jeff Feller, MSISE Chief Operating Officer WellFlorida Council
Reading:	<ul style="list-style-type: none"> Grembowski, David (2010) <i>Practice of Health Program Evaluation</i>. Sage. Chapter 2. 	
6-4 Assurance		
6-4	Assuring Receipt of Services: the Case of Florida Healthy Start	Julie Ackerman, MPH Program Director, Healthy Start of North Central Florida WellFlorida, Inc.

Module 7 – Major Public Health Problems and Interventions

Lecture Number	Lecture Title	Lecturer and Affiliation
7-1	Introduction	Susan O. White, MEd Director of Public Health Professional Education Programs, College of Public Health and Health Professions
7-2	Controlling obesity in children	David Janicke, PhD Associate Professor, Dept. of Clinical and Health Psychology College of Public Health and Health Professions

Reading:	<ul style="list-style-type: none"> Janicke, David M., et al. (2011) <i>The Extension Family Lifestyle Intervention Project (E-FLIP for Kids): Design and Methods</i>. Contemporary Clinical Trials: Design, Methods, and Analysis. 32(1). 50-8. 	
7-3	Prematurity and Perinatal Health	Julie Ackerman, MPH Program Director, Healthy Start of North Central Florida WellFlorida, Inc.
Reading:	<ul style="list-style-type: none"> Gawande, Atul. (2006) <i>The Score: How Childbirth Went Industrial</i>. The New Yorker. October 9, 2006. Hauck, Fer R., et al. (2011) <i>Racial and Ethnic Disparities in Infant Mortality</i>. Seminars in Perinatology. US Department of Health and Human Services. Health Resources and Services Administration. (2010) <i>Child Health USA 2010</i>. 	
7-4 – Infectious Disease Prevention and Control		
7-4a	Vaccines and Disease Prevention	Cindy Prins, PhD, MPH, CIC Clinical Assistant Professor, Dept. of Epidemiology, College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> Pfizer, Inc. (2006). Mile stones in public health: accomplishments in public health over the last 100 years. pp. 5-8 and 16-19. New York : Pfizer Inc. 	
7-4b	Eradication of Smallpox	DA Henderson, MD, MPH Professor of medicine and public health at the University of Pittsburgh. Resident scholar at the Center for Biosecurity. Adviser to the U.S. Department of Health and Human Services on public health emergency preparedness, and formerly chief medical officer for smallpox eradication at the World Health Organization (WHO)
Reading:	<ul style="list-style-type: none"> Pfizer, Inc. (2006). Milestones in public health : accomplishments in public health over the last 100 years. pp. 9-14. New York : Pfizer Inc. 	
7-4c	Control of HIV	Robert Cook, MD, MPH Associate Professor, Dept..of Epidemiology, College of Public Health and Health Professions and College of Medicine Christa Cook, MSN Graduate Fellow, College of Nursing
Reading:	<ul style="list-style-type: none"> Padian, Nancy S, et al. (2011). <i>HIV prevention transformed: the new prevention research agenda</i>. The Lancet. 378. 269-278. Kaiser Family Foundation, The and NASTAD. (2009). <i>The National HIV Prevention Inventory: The State of HIV Prevention Across the U.S. July 2009</i>. 	
7-5	School-Located Influenza Immunization Program	Cuc Tran, MPH Influenza Research Coordinator Emerging Pathogens Institute
Reading:	<ul style="list-style-type: none"> Tran, Cuc, et al. (2010) <i>Implementing a Community-Supported School-Based Influenza Immunization Program</i>. Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science. 8(4): 331-341. Cawley, John, et al. (2010) <i>Strategies for Implementing School-Located Influenza Vaccination of Children: A Systematic Literature Review</i>. Journal of School Health. 80(4). Reichert, Thomas, et al. (2001) <i>The Japanese Experience with Vaccinating Schoolchildren Against Influenza</i>. N Engl J Med, 344(12):. 889-96. 	
7-6	Food Safety	Natalie Freeman, PhD, MPH Former Professor, Dept..of Environmental and Global Health College of Public Health and Health Professions
7-7	Cancer Screening	Nabih Asal, PhD, FACE

		Professor Emeritus, Dept. of Epidemiology College of Public Health and Health Professions
Reading:		<ul style="list-style-type: none"> Asal, Nabih R. (2003) Prostate Cancer: To Screen or Not to Screen. <i>Ethnicity and Disease</i>. 13(Suppl 3). S3-76-81 Kelsey, JL. (1993) Breast cancer epidemiology: summary and future directions. <i>Epidemiologic Reviews</i>. 15 (1):7-16 and 256-263. Kelsey JL & Gammon MD. (1990) Epidemiology of breast cancer. <i>Epidemiologic Reviews</i>. 12. 228-240. Nomura AM & Kolonel LN. (1991) Prostate cancer: a current perspective. <i>American Journal of Epidemiology</i>. <i>Epidemiologic Reviews</i>. 13. 200-227. Stampfer JM & Giovannucci EL. (1998) What causes prostate cancer? A brief summary of the epidemiology. <i>Seminars in cancer biology</i>. 8(4). 263-273.
7-8	Automotive Safety	Sherrilyn Classen, PhD, MPH, OTR/L, FAOTA Associate Professor, Dept. of Occupational Therapy College of Public Health and Health Professions and Director of the University of Florida's Institute for Mobility, Activity and Participation
Reading:		<ul style="list-style-type: none"> Classen, S. (2008). Introduction. <i>Topics in Geriatric Rehabilitation, Special Issue Public Health, Aging and Disability</i>, 24(3):183. Lippincott Williams & Wilkis. Defries, E., Andresen, E., & Classen, S., (2008). The intersection of public health data and rehabilitation practice. <i>Topics in Geriatric Rehabilitation Special Issue: Public Health, Aging and Disability</i>. 24(3):185-191.

Module 8 – Future Challenges

Lecture Number	Lecture Title	Lecturer and Affiliation
8-1	Introduction	Susan O. White, MEd Director of Public Health Professional Education Programs, College of Public Health and Health Professions
8-2 – Emerging Infectious Diseases		
8-2a	Emerging and Re-emerging Infections in Humans	Cindy Prins, PhD, MPH, CIC Clinical Assistant Professor, Dept. of Epidemiology, College of Public Health and Health Professions
Reading:		<ul style="list-style-type: none"> Bell, David. (2004) <i>Public Health Interventions and SARS Spread, 2003</i>. <i>Emerging Infectious Diseases</i>. 10 (11): 1900-1906.
8-2b	Zoonotic Diseases	Traci Kruger, DVM, MPH Clinical Assistant Professor, Public Health Program College of Public Health and Health Professions
Reading:		<ul style="list-style-type: none"> Childs, James, et. al. (1998) <i>Emerging Zoonoses</i>. <i>Emerging Infectious Diseases</i>. 4(3): 453-454. Rodwell, Timothy, et. al. (2008) <i>Tuberculosis from Mycobacterium bovis in Binational Communities, United States</i>. <i>Emerging Infectious Diseases</i>. 14 (6): 909-916.
8-2c	Healthcare Associated Infections	Lennox Archibald, MD, PhD, FRCP, DTM&H Faculty, College of Medicine
Reading:		<ul style="list-style-type: none"> Archibald, LK, and Jarvis, WR (2011). <i>Health Care–Associated Infection Outbreak Investigations by the Centers for Disease Control and Prevention, 1946–2005</i>. <i>American Journal of Epidemiology</i>, 174 (11): S-47-S64.
8-3	Bioterrorism	Tom Belcoure, MS Adjunct Professor, UF Continuing Education Department Facilitator and instructor for Emergency Management Certificate

		Owner of Belcoure Response Solutions, Inc.
Reading:	<ul style="list-style-type: none"> Robert Wood Johnson Foundation. (2011). <i>Remembering 9/11 and Anthrax: Public Health's Vital Role in National Security</i>. http://healthyamericans.org/assets/files/TFAH911Anthrax10YrAnnvFINAL.pdf International Food Policy Research Institution. (2005). <i>Security Analysis for Agroterrorism: Applying the Threat, Vulnerability, Consequence Framework to Developing Countries</i>. www.ifpri.org/sites/default/files/publications/eptdp138.pdf 	
8-4	Health Effects of Natural and Manmade Disasters	Traci Kruger, DVM, MPH Clinical Assistant Professor, Public Health Program College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> Lurie, Nicole, et al. (2006). <i>Public Health Preparedness: Evolution or Revolution?</i> Health Affairs, 25(4): 935-945. 	

Module 9 – Discipline-specific Research and Public Health

Lecture Number	Lecture Title	Lecturer and Affiliation
9-1	Introduction	Susan O. White, MEd Director of Public Health Professional Education Programs, College of Public Health and Health Professions
9-2	Low Back Pain	Steven George, PT, PhD Associate Professor and Assist. Chair, Dept..of Physical Therapy College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> George SZ, Childs JD, Teyhen DS, Wu SS, Wright AC, Dugan JL, Robinson ME. Rationale, design, and protocol for the prevention of low back pain in the military (POLM) trial (NCT00373009). <i>BMC Musculoskelet Disord</i>, 2007;8:92 Readings/Module3-Epi/1471-2474-8-92.pdf George SZ, Zeppieri G, Cere AL, Cere MR, Borut MS, Hodges MJ, Reed DM, Valencia C, Robinson ME. (2008). A randomized trial of behavioral physical therapy interventions for acute and sub-acute low back pain (NCT00373867). <i>Pain</i>. 140:145-57. Walker BF, Miller R, Grant WD. (2004). Low back pain in Australian adults. Prevalence and associated disability. <i>J Manipulative Physiol Ther</i>. 27(5):327-35. Readings/Module3-Epi/Walker_LBPPrevalence_2004.pdf 	
9-3	Secondary prevention of Chronic Musculoskeletal Pain	Mark Bishop, PhD Assistant Professor, Dept..of Physical Therapy College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> van Oostrom et al. Workplace interventions for preventing work disability. <i>Cochrane Database of Systematic Reviews</i> 2009, Issue 2. Art. No.: CD006955. OI:0.1002/14651858.CD006955.pub2. 	
9-4	Substance Abuse Among People with Disabilities	Jamie Pomeranz, Ph.D., CRC, CLCP Associate Chair/Assistant Research Professor/Director of Distance Education Programs, Dept. of Behavioral Science and Community Health College of Public Health and Health Professions
9-5	Hearing Loss: A Silent Public Health Problem	Christopher Spankovich, AuD, PhD, MPH Research Assistant Professor, Dept. of Speech, Language and Hearing

	College of Public Health and Health Professions
Reading:	<ul style="list-style-type: none"> Spankovich, Christopher, et al. (2011). <i>Associations between diet and both high and low pure tone averages and transient evoked otoacoustic emissions in an older adult population-based study</i>. J Am Acad Audiol, 22(1):49-58.

Academic Integrity

Students are expected to act in accordance with the University of Florida policy on academic integrity (see Student Conduct Code, the Graduate Student Handbook or this web site for more details:

www.dso.ufl.edu/judicial/procedures/academicguide.php).

Cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior.

*We, the members of the University of Florida community,
pledge to hold ourselves and our peers to the
highest standards of honesty and integrity.*

Accommodations for Students with Disabilities

If you require accommodation because of a disability, you must first register with the Dean of Students Office (<http://www.dso.ufl.edu/>). The Dean of Students Office will provide documentation to you, which you then give to the instructor when requesting accommodation. The College is committed to providing reasonable accommodations to assist students in their coursework.

Counseling and Student Health

Students may occasionally have personal issues that arise in the course of pursuing higher education or that may interfere with their academic performance. If you find yourself facing problems affecting your coursework, you are encouraged to talk with an instructor and to seek confidential assistance at the UF Counseling & Wellness Center, 352-392-1575. Visit their web site for more information: <http://www.counseling.ufl.edu/>.

The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services, including primary care, women's health care, immunizations, mental health care, and pharmacy services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 352-392-0627 or check out the web site at: www.health.ufl.edu/shcc

Crisis intervention is always available 24/7 from:

Alachua County Crisis Center: (352) 264-6789.

BUT – Do not wait until you reach a crisis to come in and talk with us. We have helped many students through stressful situations impacting their academic performance. You are not alone so do not be afraid to ask for assistance.