

PBHL 5344 Social and Behavioral Aspects of Community Health Semester: Fall Class Day/Time:

Year: 2024 Class Location: Online Credit Hours: 3

Modules open on Sundays at 8 am and close one-week later Monday at 11:59am All times are CST.

Instructors of Record:	Kimberly Elliott, PhD Associate Professor	Jessica Escareno, PhD, MPH Assistant Professor
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Office Hours By Appointment

By Appointment

Prerequisite: None

Co-requisite: None

Student Learning Outcomes:

- 1. Discuss the advantages of using social and behavioral theories in health promotion practice.
- 2. Apply basic theories, concepts and models of behavior change in development and implementation of health programs designed to improve community health.
- 3. Identify steps and procedures of planning and evaluating social-behavioral interventions and policies.
- 4. Apply ethical principles to program planning, implementation, evaluation.
- 5. Identify multiple targets and levels of intervention for social and behavioral science programs and/or policies (individual, family, network, organizational, community, policy, physical environment, and culture).

MPH Generalist Program Competencies:

The student learning outcomes listed above address the following CEPH &/or MPH program competencies, which are highlighted in BOLD.

	CEPH Competencies		
Evider	nce-based Approaches to Public Health		
1.	Apply epidemiological methods to settings and situations in public health practice.		
2.	Select quantitative and qualitative data collection methods appropriate for a given public health context.		
3.	Analyze quantitative and qualitative data using biostatistics, informatics, computer- based programming, and software, as appropriate.		
4.	Interpret results of data analysis for public health research, policy, or practice.		

Public Health and Health Care Systems

- 5. Compare the organization, structure, and function of health care, public health, and regulatory systems across national and international settings.
- 6. Discuss the means by which structural bias, social inequities, and racism undermine health and create challenges to achieving health equity at organizational, community and systemic levels.

Planning & Management to Promote Health

- 7. Assess population needs, assets, and capacities that affect communities' health.
- 8. Apply awareness of cultural values and practices to the design, implementation, or critique of public health policies or programs.
- 9. Design a population-based policy, program, project, or intervention.
- 10. Explain basic principles and tools of budget and resource management.
- 11. Select methods to evaluate public health programs.

Policy in Public Health

- 12. Discuss the policy-making process, including the roles of ethics and evidence.
- 13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.
- 14. Advocate for political, social, or economic policies and programs that will improve health in diverse populations .
- 15. Evaluate policies for their impact on public health and health equity

Leadership

- 16. Apply leadership and/or management principles to address a relevant issue.
- 17. Apply negotiation and mediation skills to address organizational or community challenges.

Communication

- 18. Select communication strategies for different audiences and sectors.
- 19. Communicate audience-appropriate (i.e., non-academic, non-peer audience) public health content, both in writing and through oral presentation.
- 20. Describe the importance of cultural competence in communicating public health content.

Interprofessional and/or Intersectoral Practice

21. Integrate perspectives from other sectors and/or professions to promote and advance population health.

Systems Thinking

22. Apply a systems thinking tool to visually represent a public health issue in a format other than standard narrative.

UT Tyler MPH Program Competencies

- 1. Utilize community assessment and analysis tools to address factors that contribute to disparities in rural populations.
- 2. Develop a risk assessment and management plan relevant to PH programs and services.
- 3. Develop strategies for obtaining resources for PH programs, projects, and services.
- 4. Evaluate major environmental laws and their effects on environmental factors in health.
- 5. Examine occupation as a social determinant of health

Required Textbook(s):

Karen Glanz, Barbara K. Rimer and K. Viswanath. 2015. *Health Behavior: Theory, Research, and Practice.* 5thEd. Wiley: E-Book ISBN: 978-1-118-62900-0, Hardcover ISBN: 978-1-118-62898-0

The required textbook is available online. You may acquire the book via the internet through sources such as Majors Scientific Books or Amazon.com at discounted rates and it may be available for rent on Amazon. Any required supplemental readings will be posted on Canvas. Extensive reference materials are available at the Watson Wise Library at UT Health Science Center at Tyler.

Instructional Methods

Readings

You are expected to complete all weekly assigned readings. Beyond the assigned readings students will be required to use various sources of information (e.g., print and online books, newspapers, peer-reviewed journal articles, relevant professional organization's websites, government websites and legal documents) in order to address the topics covered each week. This will provide you with a broader context of the concepts and principles presented in the course and allows for more meaningful dialogue in the online discussions. Please share your findings with the class and use them as references in your submitted assignments which include discussion board postings, presentations and research papers.

Module PowerPoint Slides

PowerPoint slides will be provided to provide guidance on the material that students should pay closer attention to.

Multi-media Resources

Videos, podcasts and websites will be assigned for review in order to provide the most current and relevant sources of information from the field.

Course Assessment / Methods of Evaluation

Readings: Textbook reading assignments are indicated in the course schedule. Additional assignments specific to each lecture will be posted as needed. Make sure to follow instructions for assignment completion posted within each module. You are responsible for any additional materials provided, so please check Canvas regularly.

Quizzes: Quizzes will be given out throughout the course based on assigned readings and materials covered in each module. There will be two attempts for each quiz and the highest score will go towards your final grade. The quizzes will be worth 15% of your final grade. There will be a total of 6 quizzes. **Quizzes are due by Monday nights at 11:59pm**

Video Discussion: Students will be assigned to groups. Each group will meet and record their responses to the discussion question(s). Groups will submit their videos to the assigned Dropbox. **Groups will also post their video to a Discussion Board** for feedback from the rest of their classmates.

- Video post submissions are due by **Monday nights at 11:59pm** during the week assigned.
- A Video Discussion Post response to the instructors' question is **not more than 12 minutes in length**. Each group member must make a substantive contribution to the video. The videos will be graded, and a grading rubric will be provided in Canvas. Please read it carefully.

Synchronous Sessions: There will be a total of **4 synchronous sessions** that will be held via Zoom. Meetings will be on Thursday evening from 6 to 8 pm CST. The instructors will provide questions or activities for deeper discussion. Attendance and participation are required, and points will be designated for this activity.

Mid-Term Exam: One mid-term exam will be administered on-line using ProctorU. Exam format will be closed book and closed notes. Frames will be announced in the course module. The mid-term exam will be worth 25% of the final grade. The exam may be any combination of true/false and multiple-choice questions.

Final Project: Presentation and Writing Assignment.

A presentation and writing assignment, worth 30% of the total grade, will also be required. The goal of the final paper is to identify and examine the effectiveness of behavioral/social intervention.

Students will:

- Select a public health problem of their choice.
- Identify behavioral/social theories/frameworks that have been applied_to interventions designed to address the problem.
- Conduct a systematic search of the literature (limit search to the last 10 years) and appraise the evidence by critically analyzing the application of the theories to change the health outcome.
- Write a paper that summarizes the research evidence. Critically appraise the evidence and make recommendations for future research.
- Questions to cover in your paper include: How well has/ve the theory/ies been applied to the health issue? In your opinion which theory is more appropriately implemented? What was the efficacy/effectiveness of the interventions? The final paper (to submit for grade) should not be more than 15 pages, double spaced without references. Additional information and the grading rubric will be provided.
- Give an oral presentation (including PowerPoint slides appropriately formatted and sourced) on their final project. Details of the presentation, including the length and format of the presentation will be provided by the instructors.

Competencies	Acciment	Accession of /Firebration
Competencies	Assignment	Assessment/Evaluation Method
CEDH Foundational Compaty		Method
CEPH Foundational Compete		Video Discussion exercise to
6. Discuss the means by which structural bias, social inequities, and racism undermine health and create challenges to achieving health equity at organizational, community and systemic levels.	Video: Bill Davenhall: Your health depends on where you live Article: Social ecological approaches to individuals and their contexts: twenty years of health education & behavior health promotion interventions. Podcast: Partnering with Black Churches	Video Discussion exercise to address lessons learned from the assignments. A rubric will be used. Quiz to assess knowledge of concepts
7. Assess population needs, assets and capacities that affect communities' health.	Podcast: How Bodies Weather Social Stress Article: WEDworks: Enhancing participatory drug research and prevention with resources of the Roma community. Effective Community-Based Intervention Model and Practice Recommendations.	Video Discussion exercise to address lessons learned from the assignments. A rubric will be used. Quiz to assess knowledge of concepts
8. Apply awareness of cultural values and practices to the design or implementation of public health programs.	Article: Exploring the acceptance of COVID-19 vaccine among healthcare workers and general population using health belief model Article: The Role of Health Belief Model in HIV Screening Decision among International Students in the United States: A Pilot Study	Video Discussion exercise to address lessons learned from the assignments. A rubric will be used. Quiz to assess knowledge of concepts
9. Design a population-based project, program or intervention.	Video: Application of Theory to Designing and Evaluating Public Health Interventions	Final project requires assessment of PH problem with review of and selection



	Final Project	of interventions from the literature (rubric will be used)
13. Propose strategies to identify stakeholders and build coalitions and	Podcast: Partnering with Black Churches	Video Discussion exercise to address lessons learned from the assignments. A rubric will
partnerships for influencing public health outcomes.	Podcast: Government, Civil Society and Community	be used.
	Engagement	Quiz to assess knowledge of concepts
18. Select communication strategies for different audiences and sectors.	Article: What is dissemination and implementation science?: An introduction and opportunities to advance behavioral medicine and	Video Discussion exercise to address lessons learned from the assignments. A rubric will be used.
	public health globally.	Quiz to assess knowledge of concepts
	Article: Social media as a tool to increase the impact of public health research.	
19. Communicate audience- appropriate (i.e., non- academic, non-peer audience) public health content, both in writing and	Article: About me but without me? Older adult's perspectives on interpersonal communication during care transitions from hospital to	Video Discussion exercise to address lessons learned from the assignments. A rubric will be used.
through oral presentation.	seniors' residence.	Quiz to assess knowledge of concepts
	Article: Provider–patient communication about adherence to anti-retroviral regimens differs by patient race and ethnicity.	
20. Describe the importance of cultural competence in communicating public health content.	Article: Exploring the acceptance of COVID-19 vaccine among healthcare workers and general	Final paper will demonstrate awareness of cultural values and practices (see rubric)
	population using health belief model Article: The Role of Health	Video Discussion exercise to address lessons learned from the assignments. A rubric will be used.
	Belief Model in HIV Screening Decision among	Quiz to assess knowledge of
	International Students in the United States: A Pilot Study	concepts
21. Integrate perspectives from other sectors and/or professions to promote and advance population health.	Article: Using digital and social media for health promotion: A social marketing approach for addressing co- morbid physical and mental health	Video Discussion exercise to address lessons learned from the assignments. A rubric will be used.

		Quiz to assess knowledge of concepts	
UTT MPH Program-Specific Competencies (Generalist)			
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Assignments and weights

Midterm	25%
Final Project	30%
Quizzes	15%
Video Discussions	20%
Synchronous Sessions	10%

Grading Scale:

A = 90-100 B = 80-89 C = 70-79 D = 60-69 F = below 60

Please be aware that NO EXTRA CREDIT WILL BE GIVEN at the end of the semester. The average of each student's grade will determine the final course grade, and **no additional work** will be allowed. The grades in the gradebook at the end of the semester are the final grades, no curves will be given.

Late Work and Make-Up Exams:

If a student is unable to take an exam/quiz as scheduled, a make-up exam will be arranged ONLY if the reason is deemed legitimate by the instructor, AND if the instructor is notified IN ADVANCE of the time the exam/quiz is scheduled, either by phone or email. Students who fail to make appropriate arrangements will receive a grade of "0" for the exam or quiz missed. There will be no exceptions.

Student Responsibilities/Expectations ONLINE

Class etiquette dictates that you will:

- 1. Be active in class online as will be evidenced by participation in assigned activities as well as synchronous or asynchronous discussions.
- 2. Submit required assignments on time per requirement of the professors. If there is any reason that may prevent a student from doing so, the student must inform the professors ahead of time and not make any excuses for failing to do so. It is your personal responsibility to complete assignments on time; make sure to use an electronic or paper calendar to keep up with your due dates for continued success in this course.

	Course Calendar			
Module	Learning Objectives	Торіс	Topic / Assignments	
Date		Topic	Topic / Assignments	
		Semester Begins Monday, A	ugust 21 at 8am	
1 8/26	 To describe theories, research, practice, and their interrelationships To evaluate trends in theory use and application 	Theory, Research, and Practice in Health Behavior and Health Education	 WATCH Bill Davenhall: Your health depends on where you live READ Course Syllabus Week 1 content Chapters 1 and 2 Article: The role of behavioral science theory in development and implementation of public health interventions. Article: Theory's role in shaping behavioral health research for population health. STUDY Chapters 1 and 2 PowerPoint slides DO Student Introduction – Icebreaker Synchronous session 1 Thursday 8/29 6-8pm 	



	Course Calendar			
Module Date	Learning Objectives	Торіс	Topic / Assignments	
2 9/1	 Discuss individual-level theories. Examine commonalities across theories focused on individuals. Demonstrate efficiency in selecting the appropriate theory. Key constructs of the Health Belief Model (HBM). Analyze empirical evidence and applications of the HBM. 	 Introduction to Health Behavior Theories That Focus on Individuals The Health Belief Model (HBM) 	 WATCH Video: Using the Health Belief Model to combat health misinformation READ Chapters 4 and 5 Week 2 content Article: Exploring the acceptance of COVID-19 vaccine among healthcare workers and general population using health belief model Article: The Role of Health Belief Model in HIV Screening Decision among International Students in the United States: A Pilot Study STUDY Chapters 4 and 5 PowerPoint Slides DO Post Video Discussion 1 Quiz 1 	

University Closed for Labor Day Holiday Monday, 9/2

•	Course Calendar			
Module Date	Learning Objectives	Торіс	Topic / Assignments	
3 9/8	 To examine the elements of the Theory of Reasoned Action (TRA) To analyze the efficacy of the Theory of Planned Behavior (TPB) To evaluate the elements of the Integrated Behavior Model (IBM) 	 Theory of Reasoned Action Theory of Planned Behavior Integrated Behavioral Model 	 WATCH Video: Theory of Planned Behavior EXPLORE Website: Icek Ajzen's Constructing a TPB intervention READ Week 3 content Chapter 6 Article: How well does the theory of planned behavior predict alcohol consumption? A systematic review and meta-analysis. Article: Time to retire the theory of planned behavior. STUDY Chapter 6 PowerPoint Slides DO Synchronous session 2 Thursday 9/12 6-8pm CST Quiz 2 	

	Course Calendar			
Module				
Date	Learning Objectives	Торіс	Topic / Assignments	
4 9/15	 To evaluate the key constructs of the Transtheoretical Model and Stages of Change (TTMSOC). To examine empirical evidence and applications of the TTMSOC. To discuss the strengths and limitations of the TTMSOC. 	 The Transtheoretical Model and Stages of Change 	 WATCH Improve Your Life Using the Stages of Change (Transtheoretical) Model - Dr Wendy Guess LISTEN Podcast: Using Motivational Interviewing to Convince People to Get Vaccinated READ Chapter 7 Week 4 content Article: An integrative review of adolescent smoking cessation using the transtheoretical model of change. Article: Prevalence of stages of change for smoking cessation in adolescents and associated factors: Systematic review and meta-analysis. STUDY Chapter 7 PowerPoint Slides DO Post Video Discussion 2 Quiz 3 	
5 9/22	1. To examine the constructs of Social Cognitive Theory (SCT)	 Introduction to Models of Interpersonal Influences 	 WATCH Video: Social Cognitive Theory: A Health Promotion 	

	Course Calendar			
Module				
Date	Learning Objectives	Торіс	Topic / Assignments	
	 To assess appropriate application of SCT To discuss future directions of the applications of SCT in health promotion efforts. 	on Health Behavior Social Cognitive Theory 	 Perspective READ Chapter 8 and 9 Week 5 content Article: A systematic review and meta-analysis of social cognitive theory-based physical activity and/or nutrition behavior change interventions for cancer survivors. Article: Social cognitive theory. STUDY Chapter 8 and 9 PowerPoint Slides DO Synchronous session 3 Thursday 9/26 6-8pm CST Quiz 4 	
6 9/29	 To discuss the principles of ecological perspectives To evaluate applications of the ecological perspective To analyze the strengths and limitations of the Social Ecological Model (SEM) 	 The Social Ecological Model 	 WATCH Video: The Ecological Model for Health READ Chapter 3 Week 6 content Article: A social-ecological framework of theory, assessment, and prevention of suicide. 	

Course Calendar

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Module		_ .	
Date	Learning Objectives	Торіс	Topic / Assignments
7 10/6	 To examine the concept of social support To evaluate the theoretical models addressing social support and health To analyze empirical evidence and applications of the Social Network Theory (SNT) To investigate applications and Interventions using SNT 	Social Support and Health Social Network Theory	 Article: Social ecological approaches to individuals and their contexts: twenty years of health education & behavior health promotion interventions. STUDY Chapter 3 PowerPoint Slides DO

Course Calendar				
Module		T !		
Date	Learning Objectives	Торіс	Topic / Assignments	
8 10/13	 To examine the elements of the Transactional Model of Stress and Coping (TMSC) To assess the application of TMSC in health promotion. 	 Stress, Coping and Health Behavior 	 LISTEN Podcast: How Bodies Weather Social Stress READ Chapter 12 Week 8 content Article: Methods for the scientific study of discrimination and health: An Eco-social approach. Article: Investigating COVID-19 stress and coping: Substance use and behavioral disengagement STUDY Chapter 12 PowerPoint slides DO Midterm Exam 	
9 10/20	 To examine the concept of Relationship-Centered Healthcare To discuss the key Functions of Provider-Patient Communication To evaluate communication Predictors of Health Outcomes 	 Interpersonal Communication in Health and Illness 	 WATCH Video: Effective Communication Skills to Optimize the Patient-Provider Relationship READ Chapter 13 Article: About me but without me? Older adult's perspectives on interpersonal communication during care transitions from hospital to seniors' residence Week 9 content Article: Provider–patient communication about adherence 	

Course Calendar Module Learning Objectives Topic **Topic / Assignments** Date to anti-retroviral regimens differs by patient race and ethnicity. STUDY Chapter 13 PowerPoint Slides DO Post Video Discussion 4 10 1. To evaluate community Introduction to LISTEN 10/27 engagement concepts and Community and Group Podcast: Partnering with Black Churches • Models of Health principles Podcast: Government, Civil Society and Community • **Behavior Change** 2. To examine Community Models Engagement 3. To assess the various methods for Improving Health READ measurement and evaluation of Through Community • Chapter 14 and 15 community engagement efforts Engagement, Week 10 content **Community Organization** Article: WEDworks: Enhancing participatory drug and Community Building research and prevention with resources of the Roma community. Effective Community-Based Intervention Model and Practice Recommendations. STUDY Chapters 14 and 15 PowerPoint Slides • SCAN **Final Project Overview** • DO Final Presentation Sign Up sheet ٠

	Course Calendar			
Module				
Date	Learning Objectives	Торіс	Topic / Assignments	
11 11/3	 To examine the theories and models used in dissemination and Implementation (D&I) To identify D&I core concepts and future research 	 Implementation, Dissemination and Diffusion of Public Health Interventions 	 WATCH Video: Dissemination and dissemination strategies READ Chapter 16 Week 11 content Article: What is dissemination and implementation science?: An introduction and opportunities to advance behavioral medicine and public health globally. Article: Social media as a tool to increase the impact of public health research. STUDY Chapter 16 PowerPoint Slides DO Work on Final Project 	
12 11/10	 To identify the elements of the PRECEDE-PROCEED Model To apply the steps of Intervention Mapping to real-world community health issues 	 Planning Models for Theory- Based Health Promotion Interventions Introduction to Using Theory in Research and Practice 	 WATCH Video: Application of Theory to Designing and Evaluating Public Health Interventions READ Chapters 18 and 19 Week 12 content Article: Behavior change techniques for increasing physical activity in cancer survivors: a systematic review and meta- analysis of randomized controlled trials. 	

Course Calendar				
Module Date	Learning Objectives	Торіс	Topic / Assignments	
13 11/17	 To examine Mass Communication Theories To evaluate the principles of Social Marketing To assess the efficacy of social marketing, communication, theory, and research 	 Communication and Health Behavior in a Changing Media Environment Social Marketing 	 STUDY Chapters 18 and 19 PowerPoint Slides DO Work on Final Project LISTEN Podcast: Health communication: why getting it right impacts us all READ Chapter 17 and 21 Week 13 content Article: Using digital and social media for health promotion: A social marketing approach for addressing co-morbid physical and mental health STUDY Chapters 17 and 21 PowerPoint slides 	
HAPPY THANKSGIVING! The University will be closed for the Thanksgiving Holiday from: 11/25 – 11/29				

14	DO	
12/5	Final Presentations Meeting 1	
	Zoom Call Final Project Presentations Peer Evaluations	

Course Calendar				
Module				
Date	Learning Objectives	Торіс	Topic / Assignments	
	Thursday, December 5, 6pm – 9pm			
15 12/12	DO Final Presentation Meeting 2 Zoom Call Final Project Presentations Peer Evaluations <i>Thursday, December 12, 6pm – 9pm</i> Final Project Submission - DUE FRIDAY, DECEMBER 13 BY 5PM Semester Ends Friday 12/13 @ 5pm CST			