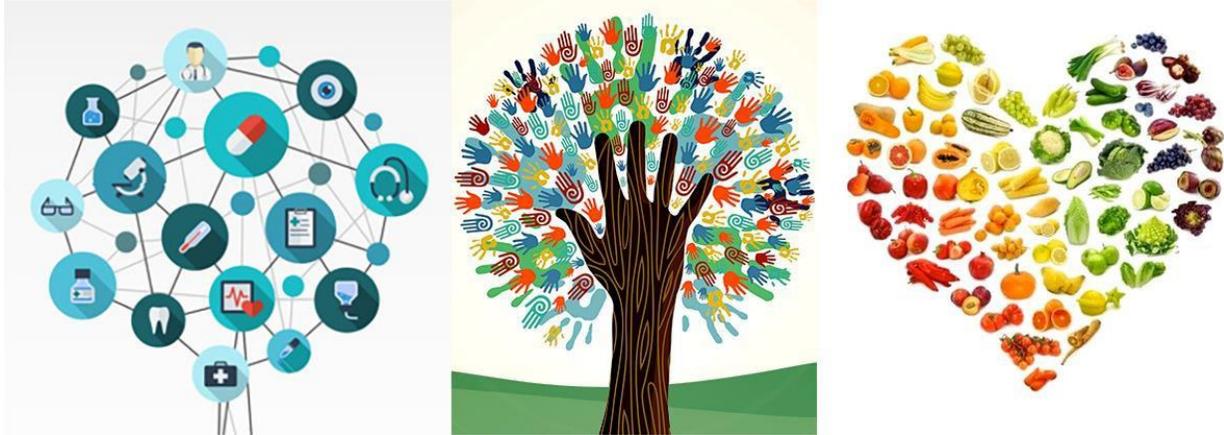


PUBHLTH 1: PRINCIPLES IN PUBLIC HEALTH (89010)



This course introduces the major concepts and principles of public health and the determinants of health status in communities. Our discussions will emphasize the ecological model, which focuses on the linkages and relationships among multiple natural and social determinants affecting health.

The objectives of this course are fourfold:

1. Understand the role of public health by analyzing topics on public health and society from current media and current research, and suggest/develop various types of interventions.
2. Understand what Public Health is by investigating a topic and answering assigned questions.
3. Synthesize and apply information pertaining to the public health in terms of science, politics, policy, epidemiology, statistics, prevention and society.
4. Synthesize and apply the concepts of public health for health-related conditions.

Times and location:

Tuesday and Thursday, 9:00 am – 11:50 am
[ALP 1300](#) (Anteater Learning Pavilion, Room 1300)

Instructor:

Dr. Theodore Gideonse (pronounced **gid ee unz**) t.gideonse@uci.edu
office hours: Tuesdays, 4:00 pm - 5:00 pm
location: 2073 AIRB

Teaching Assistant:

Megan Key, MPH keym@uci.edu
office hours: Friday, 2:00pm - 4:00pm
location: AIRB 2040K

Readings:

Schneider, M. J. (2016). *Introduction to public health*. Jones & Bartlett Publishers.

The book (9781284089233) can be purchased at the UCI bookstore and online, and it is available as an ebook. The book is available used online.

I will occasionally provide updates to the material in the book during some lectures; **information from lectures will supersede information in the text**, for exam purposes.

Grading Breakdown:

Midterm Exam: 20 points Final Exam: 35 points

Short Research Paper: 25 points Attendance and Participation: 20 points

iClicker

[iClicker Cloud registration.](#) Choose "iClicker Cloud" and "Canvas"

I will be using iClicker Cloud this semester to conduct polls, quizzes, and/or attendance in class. This will help me understand what you know and give everyone a chance to participate in class. This will also give you feedback on how well you are comprehending course concepts, help you master the challenging material in this class, and allow you to review material after class.

You are required to bring a device to participate in my iClicker sessions during class. I will be allowing the use of iClicker Reef on a smartphone OR iClicker remotes.

It is your responsibility to properly register your iClicker Reef device and/or iClicker remote in a timely fashion. It is also your responsibility to regularly check your iClicker grades for any discrepancies and bring them to my attention quickly.

Registration Instructions:

Regardless of which device you use in class, **you must create an iClicker Reef account—or use your existing Reef account if you already have one—to ensure that your grades sync to my iClicker gradebook.** You can do this by downloading the mobile app via the App Store or Google Play, or by visiting iclicker.com.

When you are setting up your account, enter your full name (as displayed in Canvas) accurately in the Student ID field of your Reef profile.

Upon signing up with iClicker Reef, you will have a 2 week free-trial period. After that point, you will need to purchase a Reef subscription or obtain access code if you want to participate in iClicker sessions with your mobile device, tablet, or laptop. Be sure to do this during the 2 week window so your use of iClicker Reef is not interrupted. Students who fail to properly set up their iClicker Reef accounts will miss out on polling points. It is your responsibility to make sure your account is in working order, and to regularly check your grades for any discrepancies and bring them to my attention immediately. If you already have a Reef

account, simply add my course to it. **Do not create a duplicate account.**

[Click here to learn about your options for purchasing a Reef subscription or obtaining an access code.](#)

If you are using **iClicker remotes** to participate in class, you must also register your remote in the profile section of your Reef account by entering the 8 character ID from the back of your iClicker remote into your Reef profile. **You will not need to pay for a Reef subscription or obtain an access code if you are only using an iClicker remote**, and can therefore ignore the “Buy or Extend Subscription” message that will appear in your Reef account.

If you want the option of using both an iClicker remote and iClicker Reef on a smart device, you can purchase a Reef subscription in addition to an iClicker remote and simply register the remote in Reef. The iClicker system will record your responses to sessions regardless of which device you use to vote.

You have the option to rent an iClicker remote. Visit the Macmillan Learning Student Store to view iClicker rental information, which also includes an option to purchase access to the iClicker Reef mobile app at a discounted rate.

Grading Information

Class attendance/polls will be worth 10% of your final grade. You will earn 1 points for each class period that answer at least one of the poll questions -- there will be at least one each period. (Everyone gets a free point for on the midterm day.)

Need Help?

You can find the answers to many of your questions by visiting iclicker.com/support at any time. If you continue to experience issues, please contact iClicker support via phone (866.209.5698) or email (support@iclicker.com). Live support is available Monday - Thursday from 9AM - 11PM, ET and Friday from 9AM - 9PM, ET.

Electronic Devices:

While you may use laptops and tablets in class, it should only be for classroom work. It's obvious to everyone when you're doing something else, and especially to other students, TAs, or instructors sitting or standing behind you.

Unless you are using it for iClicker, your phone should be off during lecture. **Off.** Texting during lecture is obnoxious. If you cannot pay attention to the lecture, please don't come.

During exams, cell phones, laptop computers, and all other electronic devices must be off and stored out of sight. The use of these devices during an exam is considered an act of academic dishonesty and will be dealt with accordingly.

Lecture slides:

PDFs of lecture slides will be posted on this site prior to the lecture. Please keep in mind that lecture slides are meant to assist you in taking notes during the lecture and **are not substitutes for the lectures and readings.**

Academic Honesty:

Please read the policies regarding academic honesty on the UCI website.

Cheating, plagiarism, or any other form of academic dishonesty **will not be tolerated.**

[UCI's Academic Senate Policy on Academic Integrity](#)

[The University of California Code of Conduct](#)

Communication

Questions concerning class materials should be posted on the class discussion forum called "Post Your Questions and Comments Here," so that all students can benefit from reading the answer. Discussion postings are archived and will be available throughout the course.

Please refrain from emailing the instructor and TAs with questions about the assignments or lecture material. These types of questions should be posted to the discussion forum. We will do our best to respond quickly to questions.

When we have a need for communication that is private, whether personal, interpersonal, or professional, we will use individual email or Canvas messaging. Please wait 48 hours during week and 72 during the weekend before following up.

Important class announcements will be made via Canvas. Please ensure that you have read each of these announcements, and adjust your Canvas settings so that you receive notifications when announcements are posted.

Attendance & Participation:

Lecture attendance is essential for doing well in the class. Thus 20% of your final grade will be based on your attendance and participation in lecture. To get credit for both, you will need to use an iClicker or the REEF app. Please note: Forgetting your iClicker or running out of battery power are not valid excuses for failing to be recorded as present in lecture.

Short Research Paper:

You will write a 1250-word research paper about a public health problem, how to solve the problem, and how to prevent the problem from occurring in the future. You will need to cite six sources, at least four scholarly, and the paper will be written in APA format.

Exams:

There will be a midterm and a final. The midterm will cover lectures 1 through 4 and the final will cover the entire term. Both will be a combination of multiple choice questions and short essays. You will need to bring a **F-288 scantron and a blue book** (or green, whichever is offered), which you will need to bring yourself. You will also need to **bring your student ID to the exams**.

Final Grades:

We will not negotiate final grades; do not ask. There will be no curve, and scores are not rounded. That said, if you can point to a clear error made by me or the TA, we will be happy to fix it. And that said, there will be the opportunity to earn 2.5 points in extra credit throughout the term.

Copyright:

The materials for this course -- including the syllabus, lecture slides, assignments, and lectures themselves -- are copyrighted intellectual products of Dr. Gideonse. Please do not record lectures or share any of the course materials without Dr. Gideonse's explicit permission.

Class Schedule:

Week	Date	Topic	Reading
1	6/25	Introduction to Principles of Public Health; What is Public Health?	IPH Ch. 1-2
	6/27	Analytical Methods in Public Health	IPH Ch. 4-8
2	7/2	Biomedical Basis of Public Health	IPH Ch. 9-10
	7/4	4th of July - NO CLASS	
3	7/9	Biomedical Basis of Public Health	IPH Ch. 11-12
	7/11	Social and Behavioral Factors in Health	IPH Ch. 13-15
4	7/16	Midterm Exam	
	7/18	Environmental Issues in Public Health	IPH Ch. 20-22
5	7/23	Environmental Issues in Public Health	IPH Ch. 23-25
	7/25	Medical Care and Public Health	IPH Ch. 18, 26-27
	7/26	Research Paper Due at 6pm	
6	7/30	Public Health and Wellness; The Future of Public Health	IPH Ch. 19, 30-31
	TBD	Final Exam	

Short Research Paper:

The goal of this short research paper to show how to can discuss and evaluate a public based on Public Health concepts that we engage with over the quarter.

[Pre-approved topics can be found here.](#)

The paper will be organized into sections with the following titles:

- **Public Health Problem**
- **How to Solve the Problem**
- **Public Health in the Future**

Those sections will include the following information.

1. **Public Health Problem:** Description and analysis of the specific PH problem.
 1. Why does this problem exist in this society?
 2. How did this happen?
 3. Where did this happen?
 4. What are the risks for the community in the future?
 5. What are/were the etiological factors?
2. **How to Solve the Public Health Problem:** Description of how the problem was solved and/or needs to be solved
 1. Include two specific examples, such as public health intervention programs and public health policies
 2. Include two examples of how the problem was solved from other cultures/countries and from history/from the past
3. **Public Health in the Future:** Discussion on how to prevent the PH problem
 1. Conclusion with justification from research literature: what should be done to prevent the recurrences of the problem, giving two examples
 2. Add your opinion on the **prevention** of this PH problem in the future, giving two examples

References:

- At least **six references**
- **Four** must be scholarly references
- *All six must be cited in the paper*

Formatting:

- At least 1250, at most 1500 words (not including Cover and Works Cited page)
- Cover page including public health topic, title, name, ID, class, term, instructor's name, and word count

- 1 inch margins, 12 point type in standard font (Times, Calibri, Cambria, Helvetica, Arial)
- Full name and page number in the upper right corner
- In-text citations and Works Cited page must be in APA format:
 - [https://owl.english.purdue.edu/owl/section/2/10/.](https://owl.english.purdue.edu/owl/section/2/10/)

Turnitin.com

You are not allowed to use quotes in your paper, and all of your words must be your own words. All papers will be submitted through Turnitin.com. You will be allowed to submit early to check your similarity score and make corrections before resubmitting. Any similarity score over 10% will be given a zero for the paper.

Grading Rubric

Required Elements	Points
Cover Page	1
1250 -1500 words	2
Correct formatting	1
APA citation format	1
Public Health Problem	
1. How does this problem exist in this society? Include etiological factors.	3
2. Why did this happen? Include specific environmental factors.	3
4. What are the risks for the community in the future?	2
How to Solve the Public Health Problem	
1. Include specific two examples, such as public health intervention programs and public health policies.	3
2. Include two examples of how the problem was solved from other cultures/countries and from history/from the past.	3
Public Health in the Future	
1. Conclusion with justification from research literature: what should be done to prevent the recurrences of the problem, with two examples.	3
2. Add your opinion on the prevention of this PH problem in the future, with two examples.	3
TOTAL	25
Turnitin.com	
0-5% similarity score	-0
6-10% similarity score	-3
>11 % similarity score	-25

Possible Paper Topics:

Below are 20 subjects -- Public Health "problems" -- about which you can write your short research paper. If you have an aching need to write about another topic, or about a variation of one of these topics, you must have it approved by Dr. Gideonse.

- Opioid overdoses
- Binge drinking by college students
- Teen-aged smokers
- Huffing
- MRSA (in hospitals)
- Rabies
- West Nile Virus
- Hepatitis C
- Salmonella
- Seasonal flu
- Car exhaust-related air pollution
- Asbestos
- Ozone
- Lead (in the water)
- Electronic waste
- Forest fires
- Earthquakes
- Childhood obesity
- Food deserts
- High fructose corn syrup