

***PubHlth 1 – Principles of Public  
Health Online Class - Spring 2017***

*Department of Population Health and Disease Prevention, Program in Public Health,  
College of Health Sciences, University of California, Irvine*

2017

<b>Instructor</b>	Zuzana Bic, Dr.P.H., MUDr. Email: <a href="mailto:ZBic@uci.edu">ZBic@uci.edu</a> Online office hours: Mon. & Fri. from 7:00 - 9:00 a.m.; Skype: ZuzanaBic
<b>Contact Information</b>	Accessing midterm & final exams: contact Proctor U (see class website) Canvas technical issues: <a href="mailto:dlc-tech@uci.edu">dlc-tech@uci.edu</a>
<b>TA</b>	Name: TBA & information will be on the class website
<b>Course Prerequisites</b>	<b>Official:</b> N/A <b>Non-Official:</b> <ol style="list-style-type: none"> <li>1. Self-motivated and self-disciplined</li> <li>2. Able to learn without personal, face-to-face interaction with the instructor</li> <li>3. Able to follow written instructions</li> <li>4. Not easily frustrated when there are technical problems</li> </ol>
<b>Course Description</b>	Introduces the major concepts and principles of public health and the determinants of health status in communities. Emphasizes the ecological model that focuses on the linkages and relationships among multiple natural and social determinants affecting health. 4 hours lecture
<b>Course Summary</b>	This is an online class. There are no meetings in the classroom. Audio-lectures, Power Point presentations, additional readings, web-links, study materials, assignments and exams are online. Communication with instructor is by e-mail, via discussion board on the class website, and on Skype. All assignments are submitted, graded and returned through the class website.
<b>Course Material</b> E-textbook available directions on class website	<b>REQUIRED TEXT:</b> Online version E-book will be available to order on the class website and/or hard copy is available at your University bookstore or directly from the publishing house at: <a href="http://www.jblearning.com/">http://www.jblearning.com/</a> <b>INTRODUCTION TO PUBLIC HEALTH</b> , Mary-Jane Schneider, 5th edition, 2017, ISBN: 978-1-284-08923-3, Jones and Bartlett Publishers, 40 Tall Pine Drive, Sudbury, MA 01776, Phone: 978-443-5000, <a href="http://www.jbpub.com">www.jbpub.com</a>  <u>Lectures, links and videos are available on the class website.</u>
<b>Course Objectives</b>	<b>COURSE OBJECTIVES:</b>  <u>UPON SUCCESSFUL COMPLETION OF THIS COURSE, STUDENTS WILL BE ABLE TO:</u> <input type="checkbox"/> Understand “What is Public Health”. <b>DISCUSSION FORUM</b> <input type="checkbox"/> Synthesize and apply the concepts of public health for health-related conditions. <b>ACTIVE PARTICIPATION</b> <input type="checkbox"/> Understand the role of public health by analyzing topics on public health and society from current media/current research, and suggest/develop various types of intervention. <b>RESEARCH PAPER</b> <input type="checkbox"/> Speak about public health problem and evaluate it based on PH concepts. <b>PRESENTATION WITH PEER REVIEW</b> <input type="checkbox"/> Synthesize and apply information pertaining to public health in the terms of science, politics, policy, epidemiology, statistics, prevention and society. <b>MIDTERM AND FINAL EXAM</b> <input type="checkbox"/> Gain a stronger understanding of the concepts of public health. <b>WEEKLY QUIZZES</b>

<b>Email Info</b>	<ul style="list-style-type: none"> <li>• Check your uci.edu email on a regular and consistent basis!</li> <li>• Configure your uci.edu account to forward your emails to your personal email account if you do not usually check your uci.edu email over the summer.</li> <li>• <b>On all email correspondence, always include your first and last name, the class in which you are enrolled in (“PH 1” in either in the text of the message or in the subject line), and the original email(s) if a reference is necessary.</b></li> <li>• Allow 24 hours for a response from your instructor and/or TA</li> </ul>														
<b>Course Requirements</b>	<p><b>Course Requirements</b></p> <ul style="list-style-type: none"> <li>• <b>Lectures, Links and Videos</b> each week</li> <li>• <b>Discussion Forum</b> assigned topic each week</li> <li>• <b>Presentation</b> a 5-minute audio narrative PowerPoint presentation with 6-10 slides and a peer review evaluation of a classmate’s presentation</li> <li>• <b>Research Paper</b> based on the specific public health problem and will be the same topic as presentation</li> <li>• <b>Active Participation</b> each week</li> <li>• <b>Quizzes</b> 10 questions each for 7 quizzes</li> <li>• <b>Exams</b> midterm and final exam; \$15 fee for Proctor U for each exam</li> <li>• <b>Extra Credit</b> up to 9 points of possible extra credit</li> </ul> <p>*More detailed information at the extended syllabus at your class website</p>														
<b>Estimated Weekly Time Commitment</b>	<table border="0"> <tr> <td>Lectures</td> <td>120 minutes</td> </tr> <tr> <td>Discussions</td> <td>120 minutes</td> </tr> <tr> <td>Research Paper</td> <td>120 minutes</td> </tr> <tr> <td>Exams</td> <td>150 minutes</td> </tr> <tr> <td>Quizzes</td> <td>30 minutes</td> </tr> <tr> <td>Presentation with peer review</td> <td>60 minutes</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>Approx. 10 hours each week for assignments</b></td> </tr> </table> <p>Note: Online classes should take the SAME amount of time as traditional classroom courses.</p>	Lectures	120 minutes	Discussions	120 minutes	Research Paper	120 minutes	Exams	150 minutes	Quizzes	30 minutes	Presentation with peer review	60 minutes	<b>TOTAL</b>	<b>Approx. 10 hours each week for assignments</b>
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<b>Due Dates</b>	<p>Write down these dates on your calendar. Do NOT rely on reminders from your instructor!! Please note: All due dates are in Pacific Daylight Time.</p> <p><b>Week 1</b></p> <p>Active Participation                      Every Sunday @ 11:00 p.m. Discussion Forum                          Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m. Quiz    Friday: Open from 1:00 a.m. – 11:00 p.m.</p> <p><b>Week 2</b></p> <p>Active Participation                      Every Sunday @ 11:00 p.m. Discussion Forum                          Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m. Quiz    Friday: Open from 1:00 a.m. – 11:00 p.m. <i>(Extra Credit) Syllabus Quiz              Sunday @ 11:00 p.m.</i></p> <p><b>Week 3</b></p> <p>Active Participation                      Every Sunday @ 11:00 p.m. Discussion Forum                          Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m. Quiz    Friday: Open from 1:00 a.m. – 11:00 p.m.</p> <p><b>Week 4</b></p> <p>Active Participation                      Every Sunday @ 11:00 p.m. Discussion Forum                          Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m. Quiz    Friday: Open from 1:00 a.m. – 11:00 p.m.</p>														

	<p><b>Week 5</b>  Active Participation Every Sunday @ 11:00 p.m.  Discussion Forum Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m.  <b>MIDTERM EXAM</b> Friday: Open from 1:00 a.m. – 11:00 p.m.</p> <p><b>Week 6</b>  Active Participation Every Sunday @ 11:00 p.m.  Discussion Forum Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m.  Presentation Friday @ 11:00 p.m.  Mandatory Peer Review Sunday @ 11:00 p.m.  <i>(Extra Credit) Peer Review Sunday @ 11:00 p.m.</i></p> <p><b>Week 7</b>  Active Participation Every Sunday @ 11:00 p.m.  Discussion Forum Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m.  Quiz Friday: Open from 1:00 a.m. – 11:00 p.m.</p> <p><b>Week 8</b>  Active Participation Every Sunday @ 11:00 p.m.  Discussion Forum Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m.  Research Paper Friday @ 11:00 p.m.</p> <p><b>Week 9</b>  Active Participation Every Sunday @ 11:00 p.m.  Discussion Forum Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m.  Quiz Friday: Open from 1:00 a.m. – 11:00 p.m.</p> <p><b>Week 10</b>  Active Participation Every Sunday @ 11:00 p.m.  Discussion Forum Every Wednesday (Post 1) and every Sunday (Post 2) @ 11:00 p.m.  Quiz Friday: Open from 1:00 a.m. – 11:00 p.m.  <i>(Extra Credit) Peer Review for Discussion Forum Sunday @ 11:00 p.m.</i></p> <p><b>Week 11</b>  <b>FINAL EXAM</b> Monday: Open from 1:00 a.m. – 11:00 p.m.</p>	
<b>Late Policy</b>	<ul style="list-style-type: none"> <li>• Active Participation and/or Discussion Forum: Late submission (- 2) points will be deducted for each 24-hour period after 11:00 p.m. up to 3 days</li> <li>• Late quizzes will <b>NOT</b> be accepted</li> <li>• Research Paper: Late submission(- 5) points will be deducted for each 24-hour period after 11:00 p.m. up to 3 days</li> <li>• Presentation: Late submission (- 5) points will be deducted for each 24-hour period after 11:00 p.m. up to 3 days</li> </ul>	
<b>Grading System</b>	Discussion Forum (9%) Research Paper (24%) 7 Quizzes (2%) 2 Exams (50%) Presentation with review (6%) Active Participation (9%) TOTAL (100%)  *Extra credit is added to 2 Exams (50% value)	100 points (10 points each week) 75 points 35 points (5 points each week) 120 points (60 points each) 30 points (25 points for presentation; 5 points for review) 100 points (10 points each week) 460 points  *9 points
<b>Mandatory Turnitin Submission</b>	Please note you need to submit your Research Paper to turnitin, which is found in “Assignments” on the class website. Your paper will <b>NOT</b> be accepted if it is not submitted to turnitin.	

<b>Grading Scale</b>	NOTE: Grades are <b>not</b> based on a curve. Your grade will be calculated by adding the points you <i>earn</i> on each assignment. Please note each assignment has its own VALUE!!! Grade is calculated as a summation of %.
	Out of 100% Scale: A+ ≥ 100 > A ≥ 93.5 > A- ≥ 90 B+ ≥ 86.5 > B ≥ 83.5 > B- ≥ 80 C+ ≥ 76.5 > C ≥ 73.5 > C- ≥ 70 D+ ≥ 66.5 > D ≥ 63.5 > D- ≥ 60 > F
<b>Lecture Schedule</b>	Weeks 1 & 2: Chapters 1, 2, 3, 4, 5, 6 and links Weeks 3 & 4: Chapters 7, 8, 9, 10, 11, 12 and links Weeks 5 & 6: Chapters 13, 14, 15, 16, 17, 18 and links Weeks 7 & 8: Chapters 19, 20, 21, 22, 23, 24 and links Weeks 9 & 10: Chapters 25, 26, 27, 28, 29, 30, 31 and links

### CODE OF CONDUCT:

All participants in the course are bound by the University of California Code of Conduct, found at <http://www.ucop.edu/ucophome/coordrev/ucpolicies/aos/uc100.html>.

Anyone caught cheating or in any other way in violation of the university policy on academic honesty will receive an F in the class. There are no exceptions to this rule.

### INSTRUCTIONS

#### How to listen to the LECTURES, see video clips, access links and print lecture notes

1. Log into the class homepage.
2. Click on the appropriate lecture, video clips and links.
3. Click on lecture notes – you may print the information.

#### How to do the DISCUSSIONS

1. **Discussions:** Weeks 1-10: Please find your assigned group. You will write and respond to the assigned question by submitting your Discussion Post #1 every Wednesday before 11:00 p.m.
2. As soon as you post your discussion response in the Forum, you will see your classmates' discussion posts. Please choose one and write your Discussion Post #2 in response to it and post it every Sunday before 11:00 p.m. Each "Discussion Post" should include your thoughts and opinion min 150 and max 200 words. Type "Word Count" and provide an accurate word count at the END of your Discussion Post. See rubric for more information.
3. **Active participation:** write 1 paragraph with min 150 words and max 200 words based on the rubric.

#### How to write and submit the RESEARCH PAPER

1. Follow the rubric and type your research paper in a Word document (doc or docx) or pdf
2. To submit: Click on class homepage, click on "Assignments", which is linked to turnitin, and upload your paper.
3. You may submit your final paper only once!!!

#### How to take the QUIZZES

From the homepage, click on "Quizzes" under each week, open only every Friday from 1:00am – 11:00 p.m. You will have 20 minutes for 10 questions – only T/F and/or multiple-choice questions.

#### How to check your GRADE BOOK and your points

1. Check your updated score every Tuesday after 11:00 p.m. From the class homepage, click on Gradebook.
2. Please review your points and feedback for each assignment. If you have questions, please email your instructor and request for feedback so you do not repeat the same mistake for the remaining assignments.

#### How to take the EXAMS

1. Review the study guide that is posted under the Study Guide for midterm and for final exam.

- Log into the class homepage and click on the exam you need to take. Follow the instructions for saving your answers and submitting your exam.
- Please be aware that the **midterm and final exams** are open from 1:00 a.m. – 11:00 p.m. You will have 60 minutes for 60 questions for each exam.
- You will take the midterm and final exam online, in a proctored setting.** You will be connected to a live person during your exam. He or she will be there to guide you through the process and assist with any technical problems. Please read detailed instructions on the course home page – in the “Course Documents” section. You need to pay to Proctor U for your exams: \$15 for each 60-minute exam (60 questions).
- If you would like to discuss the questions you missed, you will need to talk to the instructor during office hours or send an email to the instructor.

**How to do the PRESENTATION and PEER REVIEW**

- You will prepare a 5-minute audio narrative with 6-10 slides and post your presentation on the class website.
- You will follow the rubric and complete a peer review evaluation for one selected presentation in your group.
- For extra credit, you may submit an additional peer review evaluation for a presentation of your choice.

**How to do EXTRA CREDIT (+9 points)**

*You will write and submit:* 1) Peer review for one presentation; 2) Peer review for one discussion forum; and 3) Syllabus Quiz: The quiz will be based on the syllabus. Please see peer review rubric below.

<b>GRADING CRITERIA</b>	
<b>Research Paper (75 points)</b>	<b>Point Deductions</b>
Failed to submit the assignment Please see rubric below	- 75 points
<b>Discussions (10 points/week)</b>	
Failed to post 2 discussions	- 10 points
Failed to post 1 discussion	- 5 points
Failed to write a response with min 150 and max 200 words	- 4 points
Failed to type “Word Count” at the end and include an ACCURATE number of words	- 0.5 points
Failed to include your opinions, thoughts/ideas in your responses (see rubric below)	- 5 points
Failed to post Discussion Post #1 by Wednesday by 11:00 p.m.	
<b>Active Participation (10 points)</b>	
Failed to submit	- 10 points
Failed to write a paragraph with min 150 and max 200 words	- 5 points
<b>PLEASE REVIEW LATE POLICY (p. 5)</b>	
Note: Please see additional rubrics below for grading criteria.	

Scores for assignments are based on the grading rubrics below.

<b>RESEARCH PAPER RUBRIC</b>	
You will choose your topic from the pool of topics at your class website.	
<b>Required Elements</b>	<b>5 Points</b>
Separate cover page • Must include public health topic, title, name, ID, class, year and instructor’s name	/ 1
Total pages: 3 • Single spaced with minimum of 2 & 2/3 pages of written text and 1/3 page of references	/ 1
Paragraph titles • Paper must be organized into paragraphs with the following titles: (1) Public Health Problem; (2) How to Solve the Problem; (3) Public Health in the Future	/ 1
Correct spelling and grammar	/ 1

Format	/ 1
<ul style="list-style-type: none"> <li>12 pt. font, Times New Roman, 1 to 1.25 in. margins on sides, top and bottom)</li> </ul>	
<b>Research Paper total pages: 4 (cover page and 3 pages)</b>	
<b>References</b>	<b>10 Points</b>
5 references	/ 5
3 scholarly references	/ 3
References in AMA/APA format	/ 1
All references in-text citations	/ 1
<b>1. Public Health Problem</b>	<b>20 Points</b>
Description and analysis of the specific PH problem. Please include:	
#1: Why does this problem exist in this society?	/ 4
#2: How did this happen	/ 4
#3: Where did this happen?	/ 4
#4: What are the risks for the community in the future?	/ 4
#5: What are/were the etiological factors?	/ 4
<b>2. How to Solve the Public Health Problem</b>	<b>20 Points</b>
Description of how the problem was solved and needs to be solved Please include:	
#1: Include specific 2 examples, such as public health intervention programs and public health policies	/ 10
#2: Include 2 examples of how the problem was solved from other cultures/countries and from history/from the past	/ 10
<b>3. Public Health in the Future</b>	<b>20 Points</b>
Discussion on how to prevent public health (PH) problem Please include:	
#1: Conclusion with justification from research literature: what should be done to prevent the recurrences of the problem – give 2 examples	/ 10
#2: Add your opinion on the PREVENTION of this PH problem in the future – give 2 examples	/ 10
<b>Miscellaneous</b>	
<b>Point Deductions</b>	
Each quotation mark	- 10
Late submission	- 5 for each 24-hour period after 11:00 p.m. up to 3 days
<b>Turnitin</b>	
1-5%	No point deduction
6-10%	- 10
> 11%	Score of 0 on paper
<b>ATTENTION:</b> Please be sure that your research paper includes only your own creative words! You are not allowed to use your previous work with a similar topic for this paper. You are not allowed to copy entire sentences from published sources. Quotation marks are not allowed. Please explore the turnitin website: <a href="http://turnitin.com/">http://turnitin.com/</a> Bibliography and common words will be excluded. Each paper with more than 6% will be checked manually.	
<b>TOTAL</b>	<b>75 Points</b>

**RUBRIC FOR DISCUSSION POST #1 AND DISCUSSION POST #2**

Points	Category	Explanation
5	Thought-provoking or challenges new	This rating is given to posts that present a new idea or challenges

	idea informed by reading or lesson	others posts based on information from lesson or textbook or other scholarly source.
3	Opinion based on information from reading or lesson	This rating is given when a person writes a fact-based forum post. The facts could come from a lesson or a chapter from the textbook, or another scholarly external source.
2	Answered as required, but nothing more	This rating is given when a post answers all parts of my question, but does nothing more. May show an absence of depth or thought.
0	Inappropriate or insufficient postings	This rating is given to posts that do not meet my grading requirements. Used for: agreement without new substance, general humor, posts that do not fit into the current discussion.

**RUBRIC FOR ACTIVE PARTICIPATION FOR WRITTEN PART**

Points	Category	Explanation
5	Thought-provoking or challenges new idea informed by reading or lesson	This rating is given to posts that present a new idea or challenges others posts based on information from lesson or textbook or other scholarly source.
3	Opinion based on information from reading or lesson	This rating is given when a person writes a fact-based forum post. The facts could come from a lesson or a chapter from the textbook, or another scholarly external source.
2	Answered as required, but nothing more	This rating is given when a post answers all parts of my question, but does nothing more. May show an absence of depth or thought.
0	Inappropriate or insufficient postings	This rating is given to posts that do not meet my grading requirements. Used for: agreement without new substance, general humor, posts that do not fit into the current discussion.
0 or 5	Only if there is a question, this will apply	Correct or incorrect answer

**PRESENTATION AND PEER REVIEW RUBRIC**

LOGISTICS	8 Points
Clarity, organization, informative level and presentation style	Topic on the title slide / 1 Full name / 1 Time limit (5 - 6 minutes) / 2 Presentation style / 1 Clarity / 1 No. of slides: 5 - 10 / 2
PRESENTATION SLIDES	17 Points
Final presentation should include the following: <b>1. Public Health Problem</b> Description and analysis of the specific PH problem. Please include: #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?  <b>2. How to solve the Public Health problem</b> How the problem needs to be solved or how was it solved with specific examples referenced. Please include:	<b>1. Public Health problem</b>  #1: Why? /1 #2: How? /1 #3: Where? /1 #4: What? /1 #5: Factors /1  <b>2. How to solve the problem</b>



#1: Description of 2 strategies, such as PH intervention programs and PH policy #2: Please add 2 examples of how the problem was solved from other cultures/countries or from history	#1: 2 strategies /2.5 #2: 2 examples /2.5
<b>3. <u>Public Health in the Future</u></b> How to prevent the PH problem. Please include: #1: Conclusion with justification from research literature: what should be done to PREVENT the reoccurrence of the PH problem. #2: Add your opinion on the PREVENTION of this PH problem in the future.	<b>3. <u>Public health in the future</u></b>  #1: Prevent / 2.5 #2: Opinion / 2.5
<b>4. <u>References</u></b> Use AMA/APA citation format.	<b>4. <u>References on the slide</u></b> /2
<b>PEER REVIEW</b>	<b>5 Points</b>
<b>Check if all components are included in another presentation.</b> #1:PH <u>problem</u> #2:How to solve <u>the problem</u> #3:Public Health <u>in the future</u> #4:References #5: Additional thoughts, <u>opinion</u>	<b>Peer Review</b>  /1 /1 /1 /1 /1
<b>TOTAL</b>	<b>30 Points</b> (25 points for presentation; 5 points for peer review)

<b>SOME EXAMPLES OF THE CASES AND TOPICS TO BE COVERED IN PUBLIC HEALTH 1</b>
<b>What is Public Health?</b>
Public Health: Science, Politics, and Prevention
<b>Analytical Methods of Public Health</b>
Epidemiology: The Basic of Science of Public Health The Role of Data in Public Health
<b>Biomedical Basis of Public Health</b>
The Resurgence of Infectious Diseases
<b>Social and Behavioral Factors in Health</b>
Do People Choose Their Own Health? How Psychosocial Factors Affect Health Behavior
<b>Environmental Issues in Public Health</b>
A Clean Air Environment: The Basis of Public Health Safe Food and Drugs: An Ongoing Regulatory Battle Population: The Ultimate Environmental Health Issue
<b>Medical Care and Public Health</b>
Why the U.S. Medical System Needs Reform Public Health and the Aging Population
<b>The Future of Public Health</b>
Public Health in the Twenty-First Century: Achievements and Challenges