

Epidemiologic Inference in Public Health I

340.721.81

January 24, 2018

LiveTalk

Overview of LiveTalk

1. Welcome and Introductions
 - Practice using “Polls” during LiveTalk
2. Overview of the course and CoursePlus
3. Overview of the PRE-Activities & Activities for the course

Course Faculty



Jennifer Deal, PhD

jdeal1@jhu.edu



Li-Ching Lee, PhD

llee38@jhu.edu

Other Faculty



David Celentano, ScD



Elizabeth Platz, ScD

Guest Faculty



Michel Ibrahim, MD, PhD

Lead Teaching Assistant



Molly Jung

Teaching Assistants



Pei-Lun (Perry) Kuo



Kate Leifheit



Marcy Schaeffer

Course Administration

Course Coordinator



Allyn Arnold

Assistant Course Coordinators

**Julie Thorne
and
Sheila Small**

Now let's get to know a little bit about you...

Course Overview

Accessing Courseplus

- From the main JHSPH webpage (bottom of the page)

jhsp.h.edu

Click on CoursePlus

The screenshot shows the official website of the Johns Hopkins Bloomberg School of Public Health. At the top left, there is a green lock icon followed by the word "Secure" and the URL "https://www.jhsp.h.edu". Below the header, the school's name and address are displayed. A red circle highlights the URL in the address bar. On the right side of the page, there is a vertical column of links. One of these links, "COURSEPLUS", is circled in white and has a large red arrow pointing towards it from the text "Click on CoursePlus" located above the screenshot. Other links in the column include "JHSPH ALUMNI", "MY JHSPH", "STUDENT INFORMATION SYSTEM (SIS)", and "MY JHU". To the right of this column, there is a list of social media and video platforms with their respective icons and names: "LIKE US ON FACEBOOK", "FOLLOW US ON TWITTER", "WATCH VIDEOS ON YOUTUBE", "FOLLOW US ON INSTAGRAM", and "CONNECT WITH LINKEDIN".

courseplus.jhsph.edu/

CoursePlus®

340.721.81 – Epidemiologic Inference in Public Health I 3 2017-2018 Sign Out

Syllabus ▾ Content Communication ▾ Resources ▾ Help Home



Epidemiologic Inference in Public Health I

Jennifer Deal ▾
Go to Faculty Tools

Welcome, Jennifer!

Visitor's View

From the Course Schedule ↗

Upcoming Due Dates		
Due	Assignment	Available

Faculty Tools Quick Jump

- Add TAs/Editors/Guests
- Discussion Forum
- Course Groups
- Drop Boxes
- Email
- Evaluations/Surveys
- Gradebook
- Online Library
- Page Builder
- Quiz Generator

Access requires JHED login

Syllabus ▾

Content

Communication ▾

Resources ▾

He

Epidemiologic Inference in Public Health I Syllabus

340.721.81 | AY 2017-2018 - 3rd Term | 5 Credit(s)

Overview
Schedule
Faculty

Print to PDF 

Contact Information

FacultyJennifer Deal (jdeal@jhsph.edu)Li-Ching Lee (llee38@jhu.edu)**Course Coordinator**Allyn Arnold (aarnold2@jhu.edu)**Other Faculty**David Celentano (dcelenta@jhsph.edu)Elizabeth Platz (eplatz@jhsph.edu)

Michel Ibrahim

Course Description

Introduces principles and methods of epidemiologic investigation of disease and other health states. Presents different types of study designs, including randomized trials, cohort and case-control studies; measurement of exposures and outcomes; risk estimation; surveillance; program evaluation; and causal inference. Links epidemiologic inferences with the development of policy. Activities provide experience in applying epidemiologic methods, interpreting findings, and drawing inferences.

Course description & learning objectives

Course Description

Introduces principles and methods of epidemiologic investigation of disease and other health states. Presents different types of study designs, including randomized trials, cohort and case-control studies; measurement of exposures and outcomes; risk estimation; surveillance; program evaluation; and causal inference. Links epidemiologic inferences with the development of policy. Activities provide experience in applying epidemiologic methods, interpreting findings, and drawing inferences.

Course Learning Objectives

Upon successfully completing this course, students will be able to:

1. Define epidemiology, describe how it is used in public health, and recognize how exposure, disease and health states may vary based on person, place and time
2. Identify, calculate and interpret measures of disease frequency, validity and reliability, and associations (relative and absolute) as appropriate to the research question and study design
3. Describe and compare and contrast the strengths and weaknesses (biases) of epidemiologic study designs, including ecologic, cross-sectional, case-control, cohort, and clinical trials
4. Explain the role of epidemiologic methods in determining the etiology of disease and other health states (e.g., aging, injury, mental health) in preventing disease and improving health
5. Summarize how epidemiologic methods are used in public health practice, including in conducting outbreak investigation and surveillance, evaluating screening programs and health interventions, and in developing health and environmental policy

Course format

Course Format

This course is an 8-week course. Each week there will be Lectures, Self-assessments for the lectures, an Activity and its corresponding set of PRE-Activity Questions, and a LiveTalk session. The lecture sections are presented sequentially and should be completed in that order. Each of these lectures combines audio presentation and slides. You may return to any previous lecture at any point in time and review its contents at your convenience.

The weekly Activities and the corresponding PRE-Activities questions review the concepts, principles, and methods covered in the lecture sections. More details about the Activities are provided in the *Activities and PRE-Activities* section of this syllabus.

Students will be assigned to [Groups](#) according to time zone using Courseplus by the course coordinator during the first week of the course. Students are encouraged to collaborate often with their Group members, and to complete the PRE-Activity Questions and Activities as a team. Students may see which Group they are assigned to in the [Course Groups](#) tab in Courseplus. Assignments are also posted in the [Online Library](#).

There will be a LiveTalk session each week. In the session, students and faculty meet in real time over the Internet to discuss the Activities. Although real-time participation is not required, it is recommended that students participate in the LiveTalk sessions when possible. Some students will represent their groups participating in the audio discussion of the Activity. Students are responsible for content that is covered during the LiveTalk sessions. All LiveTalks are archived and made available on Courseplus. Students should use a USB headset with microphone during the LiveTalk sessions.

Course format

Screenshot of the CoursePlus website showing the course format section. The Content tab is highlighted with a red circle and arrow.

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<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Course content

Syllabus Content Communication ▾ Resc

Content

Current Baltimore Time: Tuesday, January 23, 2018, 8:19:22 am

Note: Assignments become accessible on the dates listed in the "Available" column. All assignments are due no later than 11:59 p.m. Eastern Time on the date indicated, unless otherwise noted. All times are for Baltimore, Maryland (Eastern United States). Visit <http://www.timeanddate.com/worldclock> to convert to your local time.

Download the schedule to your calendar

Available	Assignment	Due	Completed?
Important Links and Assessments			
Mon, Jan 22	Lecture Self-Assessments	Use this link to reach the self-assessments for all lectures	<input type="button" value="X"/>
Mon, Jan 22	Proctor	Identify a Proctor in CoursePlus	Mon, Feb 5, 11:59 PM <input type="button" value="X"/>
Mon, Jan 22	LiveTalks and Archived LiveTalk Recordings		<input type="button" value="X"/>
Week 1			
Mon, Jan 22	Lecture 1	Introduction to Epidemiology (<i>Celentano</i>) Readings: <i>Gordis</i> text (5th ed.) Chapter 1	<input type="button" value="X"/>
Mon, Jan 22	Lecture 2	Epidemics (<i>Celentano</i>) Readings: <i>Gordis</i> text (5th ed.) Chapter 2	<input type="button" value="X"/>
Mon, Jan 22	Lecture 3	Populations (<i>Celentano</i>)	<input type="button" value="X"/>

Course content

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Mon, Jan 22	Lecture 3	Populations (Celentano)	<input type="button" value="X"/>

Lectures

Introduction to Epidemiology

David Celentano, ScD, MHS

Objectives

After listening to, viewing, and studying the materials on this page, you will be able to do the following:

1. Provide an overview of the role of epidemiology in disease control and the promotion of health.
2. Define epidemiology.
3. Discuss the uses and tools of epidemiology.

Lecture Materials

	Length	Play	Download
Section A: What Is Epidemiology?	21:05		
Section B: Tools to Measure Risk Factors	08:47		
Section C: Tools to Evaluate Interventions	14:57		
Section D: Tools to Assist Policy Decisions	08:22		

Lecture Evaluation

Please take a few minutes to [evaluate this lecture](#). Comments and feedback are very important to your instructors, and your confidentiality is assured.

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Play Section A

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[Download Section A Transcript](#)

Lecture Materials

[Play Section A](#)

Section	Length	View	Download
Section A: What Is Epidemiology?	21:05		
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[Download a PDF for All Sections](#)

[Download Section A Transcript](#)

Lecture Materials

[Play Section A](#)

Length	View	Download
21:05		
08:47		
14:57		
08:22		

Section A:
What Is Epidemiology?

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[Download Section A Transcript](#)

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[Play Section A](#)

Length	View	Download
21:05		
08:47		
14:57		
08:22		

Lecture Evaluation

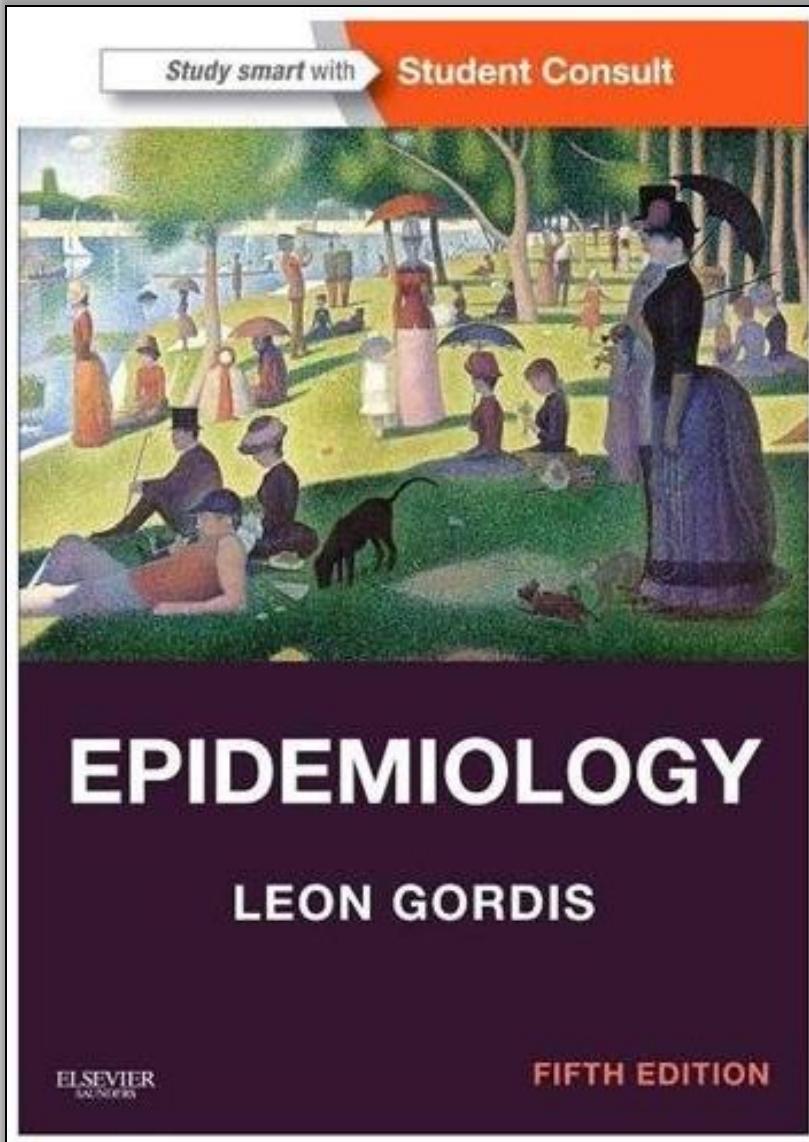
Please take a few minutes to [evaluate this lecture](#). Comments and feedback are very important to your instructors, and your confidentiality is assured.

Course readings

Week 1			
Mon, Jan 22	Lecture 1	Introduction to Epidemiology (Celentano) Readings: Gordis text (5th ed.) Chapter 1	←
Mon, Jan 22	Lecture 2	Epidemics (Celentano) Readings: Gordis text (5th ed.) Chapter 2	←
Mon, Jan 22	Lecture 3	Populations (Celentano) Readings: Gordis text (5th ed.) Chapter 3, Figures 3-4 and 3-5 (pp.43-45); Chapter 6 pp.118-119	←
Mon, Jan 22	PRE-Activity Questions	Outbreak Investigation	Wed, Jan 31, 4:00 PM
Mon, Jan 22	Activity	Outbreak Investigation	Wed, Jan 31, 4:00 PM
Wed, Jan 24 4:00 PM to Wed, Jan 24 5:30 PM	LiveTalk	Course Overview (4-5:30 Eastern US Time)	

<https://courseplus.jhu.edu/core/index.cfm/go/content.main/coid/9172/>

Required Textbook

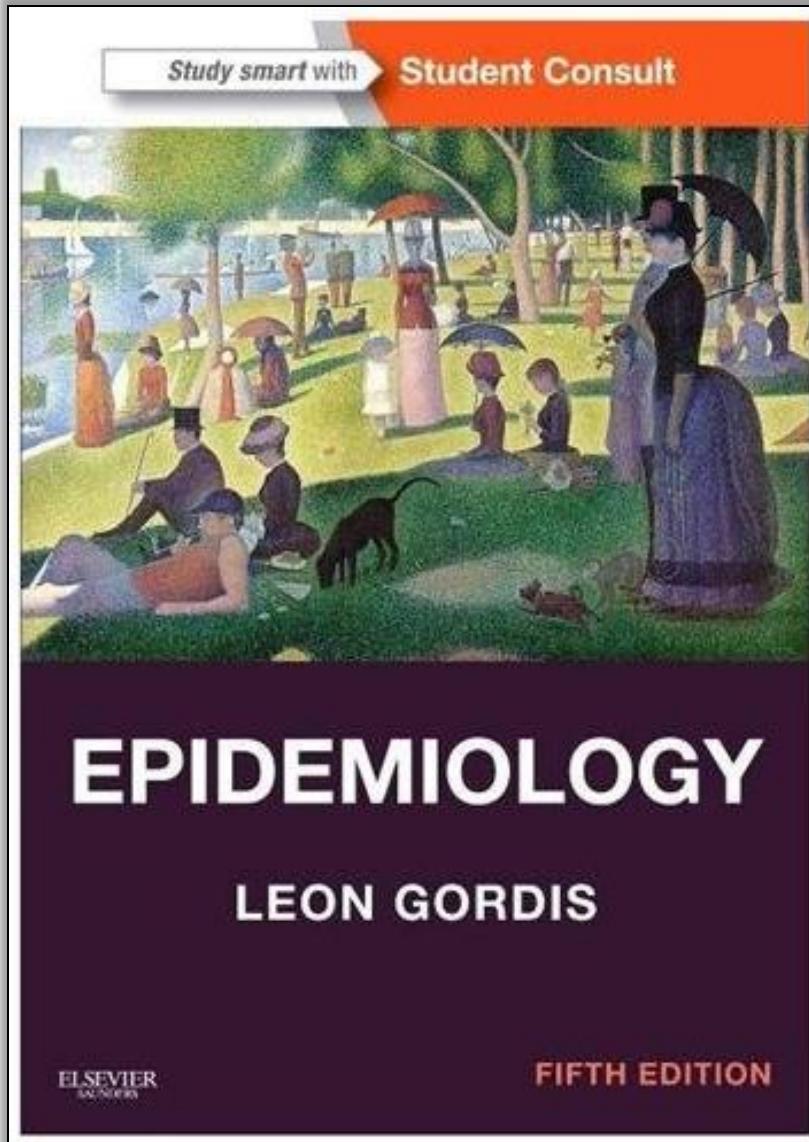


- An electronic version of the Gordis textbook is available free of charge to JHU students:
- https://catalyst.library.jhu.edu/catalog/bib_4738478

A screenshot of a library catalog search results page. The header says 'Catalyst @ Johns Hopkins Libraries' and 'Other Resources'. There are tabs for 'Catalog+Articles', 'Catalog', 'Articles', and 'Reserves'. A search bar has 'Any Field' selected and the placeholder 'Tip: Search for phrases using "quotation marks"' with a 'Search' button. The search results show a book titled 'Epidemiology' by Leon Gordis, published by Elsevier/Saunders in 2013, fifth edition. It is listed as '1 online resource (pages)'. Below the book details, there is a section for 'Online Access' with three links: 'ClinicalKey from www.clinicalkey.com', 'Verlagsinformation from swbplus.bsz-bw.de', and 'Edition information 3rd ed. Saunders, ©2004.' A blue arrow points to the first link, 'ClinicalKey from www.clinicalkey.com'.

Epidemiology by Leon Gordis (5th edition, 2014, Philadelphia: Elsevier Saunders).

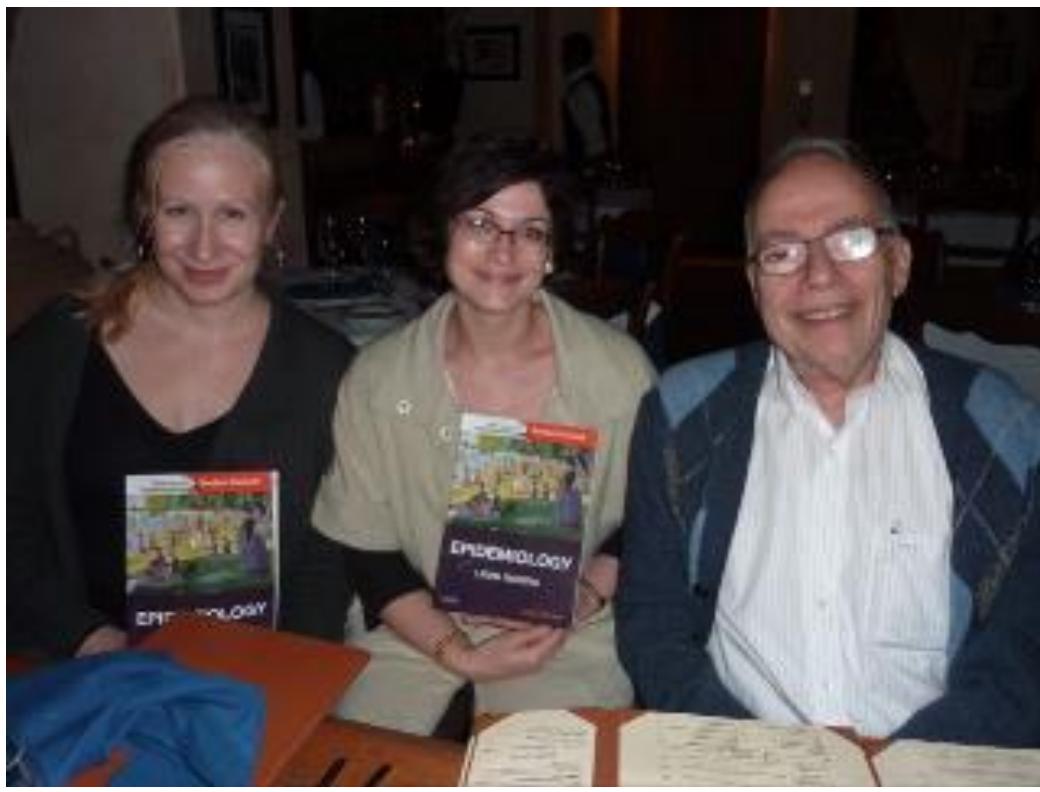
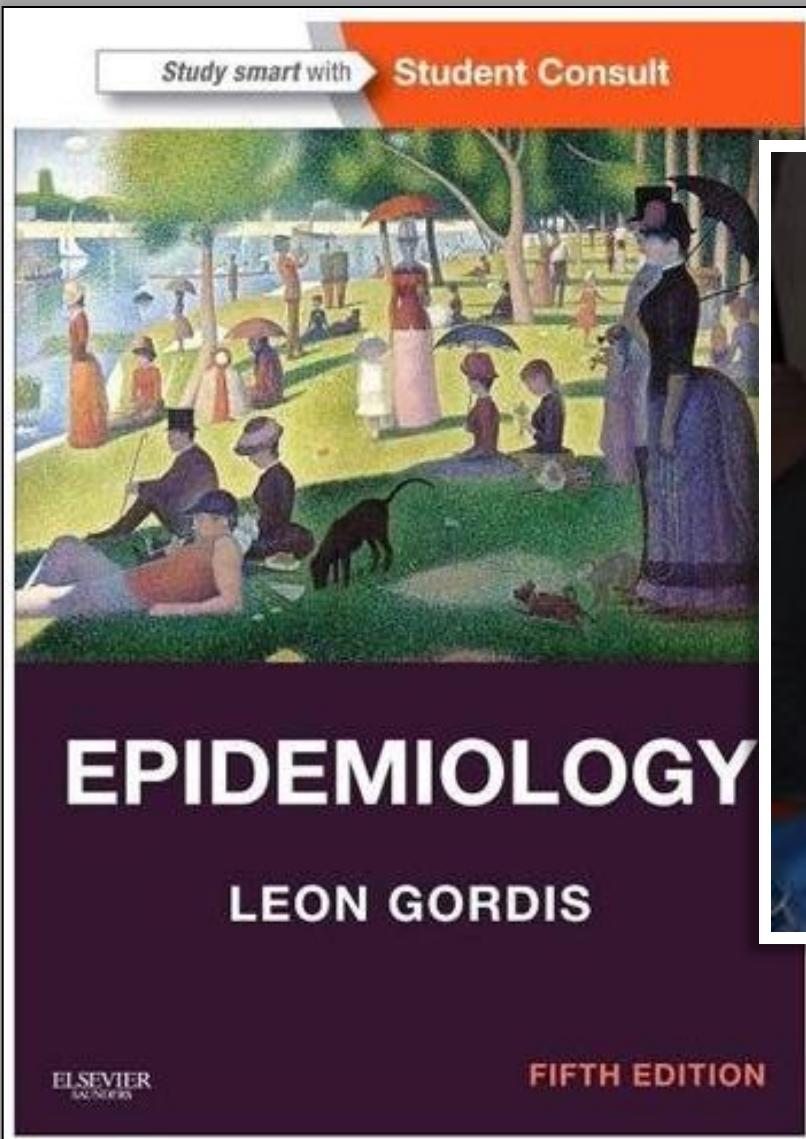
Required Textbook



- There is a separate website for the book that is maintained by the publisher and may possibly be useful, but access to this website requires purchase of the book
- Purchase of the textbook is not required for this course

Epidemiology by Leon Gordis (5th edition, 2014, Philadelphia: Elsevier Saunders).

Required Textbook



Epidemiology by Leon Gordis (5th edition, 2014, Philadelphia: Elsevier Saunders).

'Course Readings' Document in the Online Library

The screenshot shows the top navigation bar of the CoursePlus platform. It includes the CoursePlus logo, the course code '340.721.81 – Epidemiologic Inference in Public Health I', the year '2017-2018', and 'Sign Out'. Below this is a green navigation bar with links for 'Syllabus', 'Content', 'Communication', 'Resources' (which is circled in red), 'Help', and 'Home'. A large blue arrow points from the 'Resources' link towards the main content area.



Chapter & Page Numbers	Section Names
Chp. 1	All sections
Chp. 2	All sections
Chp. 3- Figs. 3-4, 3-5	Only figures
Chp. 6- pp. 118-119	Person-years, Five-year survival

Additional Resources

Additional Resources (Optional)

Self-assessments for each Lecture: [Self-assessments](#) are provided for you to check your understanding of the material covered in each lecture. These questions can be completed and reviewed at your convenience, and you can access them as often as you like. Self-assessments are not graded and answers are provided.

Practice Problems for the Exams: [Practice Problems for the Midterm I and II](#) and [Practice Problems for the Final I and II](#) are taken from past exams in order to help you prepare for the midterm and final examinations. These questions can be completed and reviewed at your convenience, and you can access them as often as you like. These problems are not graded and answers are provided.

Reviews for the Midterm and the Final Examinations: PowerPoint slides and accompanying audio files that were recorded for another section of this course this academic year are available in the [Online Library](#) to help you review for the midterm and final examinations.

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Lecture Self-Assessments

Content

Current Baltimore Time: Tuesday, January 23, 2018, 10:46:36 am

Note: Assignments become accessible on the dates listed in the "Available" column. All assignments are due no later than 11:59 p.m. Eastern Time on the date indicated, unless otherwise noted. All times are for Baltimore, Maryland (Eastern United States). Visit <http://www.timeanddate.com/worldclock> to convert to your local time.

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Mon, Jan 22	LiveTalks and Archived LiveTalk Recordings		<input type="button" value="X"/>

Syllabus ▾

Content

Communication ▾

Resources ▾

Help

H

Self-Assessment: 01-Introduction to Epidemiology	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	
Self-Assessment: 02-Epidemics	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	
Self-Assessment: 03-Populations	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	
Self-Assessment: 04-Measures of Morbidity and Mortality 1	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	
Self-Assessment: 05-Measures of Morbidity and Mortality 2	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	

(SELF-ASSESSMENTS 6-18)

Self-Assessment: 19-Evaluating Screening Programs	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	
Self-Assessment: 20-Evaluating Health Interventions	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	
Self-Assessment: 21-Epidemiology in Evidence-Based Policy	Mon, Jan 22, 2018, 12:00 AM	Sat, Mar 17, 2018, 12:00 AM	

Additional Resources

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Methods of Assessment

- 25% Midterm Exam
- 25% Final Exam
- 50% PRE-Activity Questions

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Methods of Assessment

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- 50% PRE-Activity Questions

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Midterm & Final Examinations

Midterm and Final Examinations

Both the midterm and final examinations will consist of 20 multiple choice questions. Both examinations are closed book/closed note and are to be completed individually in keeping with the Academic Ethics code. The mid-term examination will cover material through Online Lecture 12 (Analytic Studies and Clinical Trials) and Activity 3 (Validity & Reliability). The final examination will be cumulative. You will have 2 hours to complete each exam.

We utilize the proctor system to administer both the midterm and final examinations. Please [identify a proctor in Courseplus](#) for your midterm and final exams by the dates provided in the Course Schedule. All exams will be conducted through Courseplus. Details on how to access the exam will be emailed to your proctor prior to the exam period. If you do not have access to a computer and Internet access at the proctor location, please contact the course instructors before the exam.

Midterm & Final Examinations

- 20 multiple choice questions
- Administered on CoursePlus
- 2 hours to complete each exam (in one sitting)

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Midterm & Final Examinations

- **Mid-term exam**
 - Exam will open on Thursday, February 15
 - Exam will close on Saturday, February 17, 11:59PM Eastern US time.
(The exam must be completed sometime during that time)
- **Final exam**
 - Exam will open on Thursday, March 15
 - Exam will close on Saturday, March 17, 11:59PM Eastern US time.
(The exam must be completed sometime during that time)

Midterm & Final Examinations

Midterm and Final Examinations

Both the midterm and final examinations will consist of 20 multiple choice questions. Both examinations are closed book/closed note and are to be completed individually in keeping with the Academic Ethics code. The mid-term examination will cover material through Online Lecture 12 (Analytic Studies and Clinical Trials) and Activity 3 (Validity & Reliability). The final examination will be cumulative. You will have 2 hours to complete each exam.

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Midterm & Final Examinations

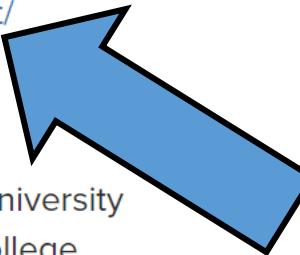
- Proctored exam
- It is the student's responsibility to arrange with his/her proctor the date & location of the exam

Proctor Information

Proctor Information

You must identify your proctor in Courseplus by the dates provided in the [Course Schedule](#). You may do so by using this link:

<https://courseplus.jhu.edu/core/index.cfm/go/cpam:account.proctor.start/>



Your proctor may be any of the following:

- Full-time faculty member or administrator of a nearby college or university
- Testing officer employed by a university, college, or community college
- Head librarian
- Corporate education director
- Your office supervisor or manager
- Member of the clergy

Proctors may not include your spouse, relatives, or friends. Proctors may not be a peer or someone you oversee. We do not provide proctors.

Individual course faculty and the Center for Teaching and Learning reserve the right to reject any proctor. Proctor information may also be subject to random verification.

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Identify Your Proctor in Courseplus

Update My Proctor Information for Fully Online Courses

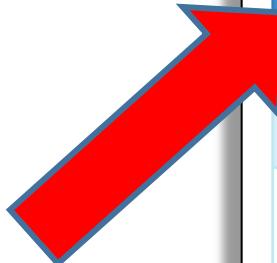
 Add a Proctor Listing

Your Current Proctors

You have not yet entered any proctor information into the CoursePlus system.

The Proctor System

If an examination is to be proctored, it is your responsibility to arrange with your proctor the date and location of the examination per the guidelines distributed in the online course which requires the proctor. The person you identify can be used for all courses requiring a proctored examination, unless you wish to specify otherwise.



Add Proctor Information

All fields marked with an "*****" are required.

Contact Information

*** First Name:**

*** Last Name:**

*** Email Address:**

*** Address Line 1:**

Address Line 2:

*** City:** *** State/Province:** *** ZIP/Postal Code:** *** Country:**

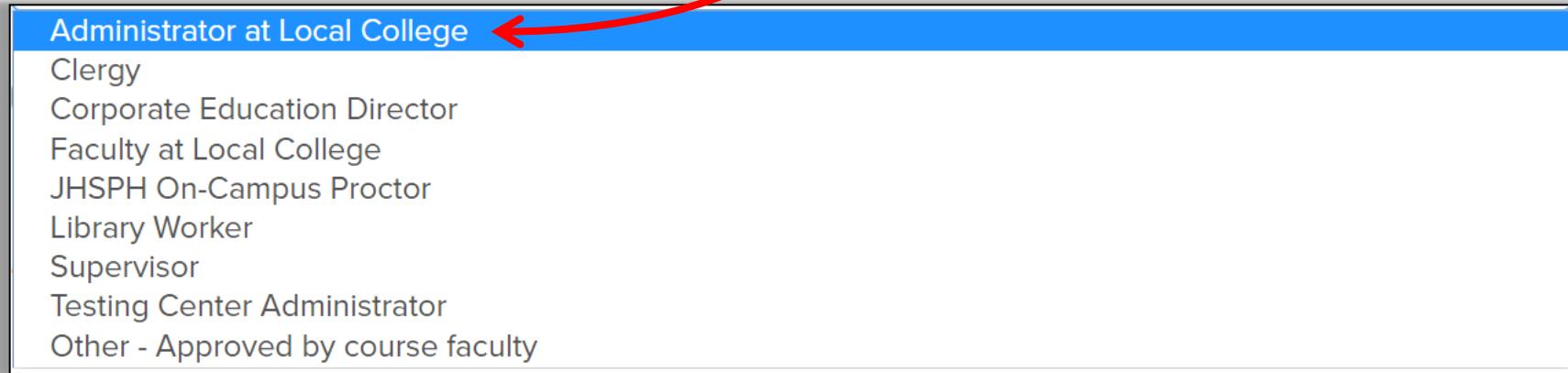
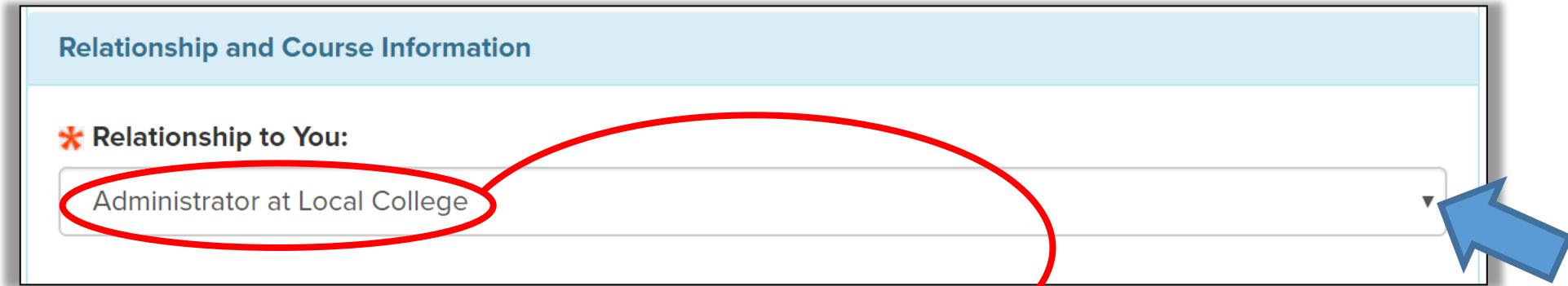
*** Phone:**



Relationship and Course Information

* Relationship to You:

Administrator at Local College



- Individual course faculty and the Center for Teaching and Learning reserve the right to reject any proctor
- Proctor information may also be subject to random verification

Proctor Information

You must identify your proctor in Courseplus by the dates provided in the [Course Schedule](#). You may do so by using this link:

<https://courseplus.jhu.edu/core/index.cfm/go/cpam:account.proctor.start/>

Your proctor may be any of the following:

- Full-time faculty member or administrator of a nearby college or university
- Testing officer employed by a university, college, or community college
- Head librarian
- Corporate education director
- Your office supervisor or manager
- Member of the clergy

Proctors may not include your spouse, relatives, or friends. Proctors may not be a peer or someone you oversee. We do not provide proctors.

Individual course faculty and the Center for Teaching and Learning reserve the right to reject any proctor. Proctor information may also be subject to random verification.

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

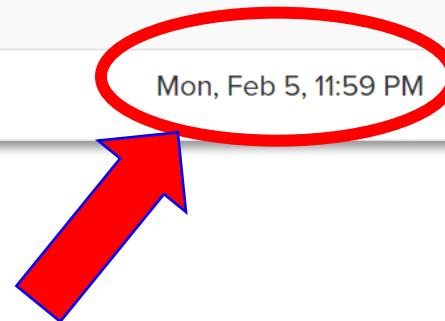
Content

Current Baltimore Time: Tuesday, January 23, 2018, 10:34:33 am

Note: Assignments become accessible on the dates listed in the "Available" column. All assignments are due no later than 11:59 p.m. Eastern Time on the date indicated, unless otherwise noted. All times are for Baltimore, Maryland (Eastern United States). Visit <http://www.timeanddate.com/worldclock> to convert to your local time.

[Download the schedule to your calendar](#)

Available	Assignment	Due	Completed?
Important Links and Assessments			
Mon, Jan 22	Lecture Self-Assessments	Use this link to reach the self-assessments for all lectures	<input type="button" value="X"/>
Mon, Jan 22	Proctor	Identify a Proctor in CoursePlus	Mon, Feb 5, 11:59 PM <input type="button" value="X"/>



Please identify a proctor by Monday, February 5, 11:59 PM

Content

Current Baltimore Time: Tuesday, January 23, 2018, 10:34:33 am

Note: Assignments become accessible on the dates listed in the "Available" column. All assignments are due no later than 11:59 p.m. Eastern Time on the date indicated, unless otherwise noted. All times are for Baltimore, Maryland (Eastern United States). Visit <http://www.timeanddate.com/worldclock> to convert to your local time.

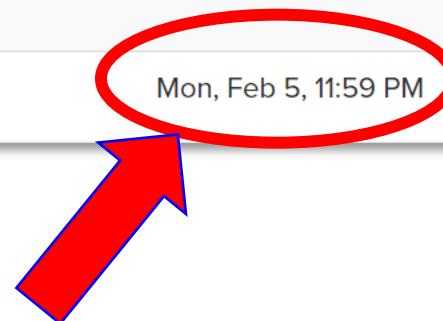
[Download the schedule to your calendar](#)

Available	Assignment	Due	Completed?
Important Links and Assessments			
Mon, Jan 22	Lecture Self-Assessments	Use this link to reach the self-assessments for all lectures	
Mon, Jan 22	Proctor	Identify a Proctor in CoursePlus	Mon, Feb 5, 11:59 PM 



Allyn Arnold

Please identify a proctor by Monday, February 5, 11:59 PM



Additional Resources

Additional Resources (Optional)

Self-assessments for each Lecture: [Self-assessments](#) are provided for you to check your understanding of the material covered in each lecture. These questions can be completed and reviewed at your convenience, and you can access them as often as you like. Self-assessments are not graded and answers are provided.

Practice Problems for the Exams: [Practice Problems for the Midterm I and II](#) and [Practice Problems for the Final I and II](#) are taken from past exams in order to help you prepare for the midterm and final examinations. These questions can be completed and reviewed at your convenience, and you can access them as often as you like. These problems are not graded and answers are provided.

Reviews for the Midterm and the Final Examinations: PowerPoint slides and accompanying audio files that were recorded for another section of this course this academic year are available in the [Online Library](#) to help you review for the midterm and final examinations.

Practice Problems in the Textbook. Practice problems are available at the end of each chapter of the textbook and answers are provided at the back of the book. These problems may be accessed using the electronic version of the book, as well as the hardcopy. Additionally, the website for the book that is maintained by the publisher has additional practice problems. Access to this website requires purchase of the book and is not required for this course.

Methods of Assessment

- 25% Midterm Exam
- 25% Final Exam
- 50% PRE-Activity Questions

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Activities & PRE-Activities

Course Format

This course is an 8-week course. Each week there will be Lectures, Self-assessments for the lectures, an Activity and its corresponding set of PRE-Activity Questions, and a LiveTalk session. The lecture sections are presented sequentially and should be completed in that order. Each of these lectures combines audio presentation and slides. You may return to any previous lecture at any point in time and review its contents at your convenience.

The weekly Activities and the corresponding PRE-Activities questions review the concepts, principles, and methods covered in the lecture sections. More details about the Activities are provided in the *Activities and PRE-Activities* section of this syllabus.

Students will be assigned to [Groups](#) according to time zone using Courseplus by the course coordinator during the first week of the course. Students are encouraged to collaborate often with their Group members, and to complete the PRE-Activity Questions and Activities as a team. Students may see which Group they are assigned to in the [Course Groups](#) tab in Courseplus. Assignments are also posted in the [Online Library](#).

There will be a LiveTalk session each week. In the session, students and faculty meet in real time over the Internet to discuss the Activities. Although real-time participation is not required, it is recommended that students participate in the LiveTalk sessions when possible. Some students will represent their groups participating in the audio discussion of the Activity. Students are responsible for content that is covered during the LiveTalk sessions. All LiveTalks are archived and made available on Courseplus. Students should use a USB headset with microphone during the LiveTalk sessions.

Activities & PRE-Activities

Activities and PRE-Activities

Activities

The Activities provide experience in applying epidemiologic methods, interpreting findings, and drawing inferences. Activities will be discussed during the LiveTalks. Students are expected to work with their assigned Group to complete the Activity prior to the start of each LiveTalk. Some students will represent their Groups by participating in the audio discussion of the Activity during each LiveTalk. Activities are posted in the Online Library in Courseplus.

PRE-Activity Questions

In advance of each Activity, students must complete the corresponding set of PRE-Activity Questions. Each PRE-Activity consists of 10 multiple-choice questions. PRE-Activities are posted in the Online Library. Answers for the PRE-Activities must be submitted electronically through CoursePlus (accessible from the Content tab) by the date and time listed in the Course Schedule. Students may refer to their course materials and are encouraged to collaborate with fellow students to complete the PRE-Activity Questions. Without exception, no credit will be given for submitting a PRE-Activity after the due date. The lowest PRE-Activity grade will be dropped when calculating the overall course grade.

Overview

- **Goal:** To apply concepts covered in the lectures and in the readings
- **For each Activity, there are:**
 - 1) PRE-Activity Questions
 - 2) Activity
- **Course Groups:** Students are encouraged to complete the PRE-Activity Questions & Activities as a team

Overview

- **Goal:** To apply concepts covered in the lectures and in the readings
- **For each Activity, there are:**
 - 1) PRE-Activity Questions
 - 2) Activity
- **Course Groups:** Students are encouraged to complete the PRE-Activity Questions & Activities as a team

Course Groups

The screenshot shows the CoursePlus interface for the course 340.721.81 – Epidemiologic Inference in Public Health I. The top navigation bar includes the CoursePlus logo, the course title, a session indicator (3 2017-2018), and a sign-in link. The main menu items are Syllabus, Content, Communication, Resources, Help, and Home. A blue arrow points from the text "Course Groups" to the "Syllabus" menu item, which has a dropdown menu open showing "Overview", "Schedule", and "Faculty".

Syllabus ▾

- Overview
- Schedule
- Faculty

Course Groups

Epidemiology is a collaborative discipline. Students will be assigned to [Course Groups](#) to promote collaboration and discussion of course material. Students are encouraged to collaborate often with their Course Group members, and to complete the course assignments (PRE-Activity Questions and Activities) as a team.

Students will be assigned to [Groups](#) according to time zone using Courseplus by the course coordinator during the first week of the course. Students may see which Group they are assigned to in the [Course Groups](#) tab in Courseplus. Group assignments are also posted in the [Online Library](#).

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Course Groups

Screenshot of the CoursePlus interface for the course 340.721.81 – Epidemiologic Inference in Public Health I (Semester 3, 2017-2018). The Syllabus dropdown menu is open, showing three options: Overview, Schedule, and Faculty. A blue arrow points from the text "Course Groups" in the main content area to the "Overview" option in the dropdown menu.

CoursePlus® 340.721.81 – Epidemiologic Inference in Public Health I 3 2017-2018 Sign In

Syllabus ▾ Content Communication ▾ Resources ▾ Help Home

Overview ←
Schedule
Faculty

Course Groups

Epidemiology is a collaborative discipline. Students will be assigned to [Course Groups](#) to promote collaboration and discussion of course material. Students are encouraged to collaborate often with their Course Group members, and to complete the course assignments (PRE-Activity Questions and Activities) as a team.

Students will be assigned to [Groups](#) according to time zone using Courseplus by the course coordinator during the first week of the course. Students may see which Group they are assigned to in the [Course Groups](#) tab in Courseplus. Group assignments are also posted in the [Online Library](#).



Group Assignments

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Course Groups

The screenshot shows a course page from CoursePlus. At the top, there's a dark header bar with the CoursePlus logo on the left, the course title "340.721.81 – Epidemiologic Inference in Public Health I" in the center, and a navigation bar on the right with tabs for "3 2017-2018", "Sign Out", and other course-related links. Below the header is a light green navigation bar with the "Syllabus" tab highlighted in green and a dropdown menu open. The dropdown menu contains three items: "Overview", "Schedule", and "Faculty". A large blue arrow points from the text "Course Groups" in the main content area down to the "Course Groups" tab in the navigation bar. The main content area contains text about course groups and group assignments.

CoursePlus®

340.721.81 – Epidemiologic Inference in Public Health I

3 2017-2018 Sign Out

Syllabus ▾ Content Communication ▾ Resources ▾ Help Home

Overview

Schedule

Faculty

Course Groups

Epidemiology is a collaborative discipline. Students will be assigned to [Course Groups](#) to promote collaboration and discussion of course material. Students are encouraged to collaborate often with their Course Group members, and to complete the course assignments (PRE-Activity Questions and Activities) as a team.

Students will be assigned to [Groups](#) according to time zone using Courseplus by the course coordinator during the first week of the course. Students may see which Group they are assigned to in the [Course Groups](#) tab on Courseplus. Group assignments are also posted in the [Online Library](#).

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

[Syllabus ▾](#)[Content](#)[Communication ▾](#)[Resources ▾](#)[Help](#)[Home](#)

Jennifer Deal ▾

[Go to Faculty Tools](#)

Course Groups : Groups in This Class:

[Discussion Forum](#)[LiveTalk](#)[Roster](#)[Wiki](#)[Class Email](#)[Class Email Archive](#)[Course Groups](#)[Text Chat](#)[Announcements](#)

Group 1

There is a private Discussion Forum category for this group.

<https://courseplus.jhu.edu/core/index.cfm/go/cg:courseGroups.student.displayMyGroups/coid/9172/>

Course Groups

The screenshot shows the CoursePlus interface for the course 340.721.81 – Epidemiologic Inference in Public Health I. The top navigation bar includes links for Syllabus, Content, Communication, Resources, Help, and Home. A blue arrow points from the 'Syllabus' link to a dropdown menu that lists Overview, Schedule, and Faculty.

Syllabus ▾

- Overview
- Schedule
- Faculty

Course Groups

Epidemiology is a collaborative discipline. Students will be assigned to [Course Groups](#) to promote collaboration and discussion of course material. Students are encouraged to collaborate often with their Course Group members, and to complete the course assignments (PRE-Activity Questions and Activities) as a team.

Students will be assigned to [Groups](#) according to time zone using Courseplus by the course coordinator during the first week of the course. Students may see which Group they are assigned to in the [Course Groups](#) tab in Courseplus. Group assignments are also posted in the [Online Library](#).

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

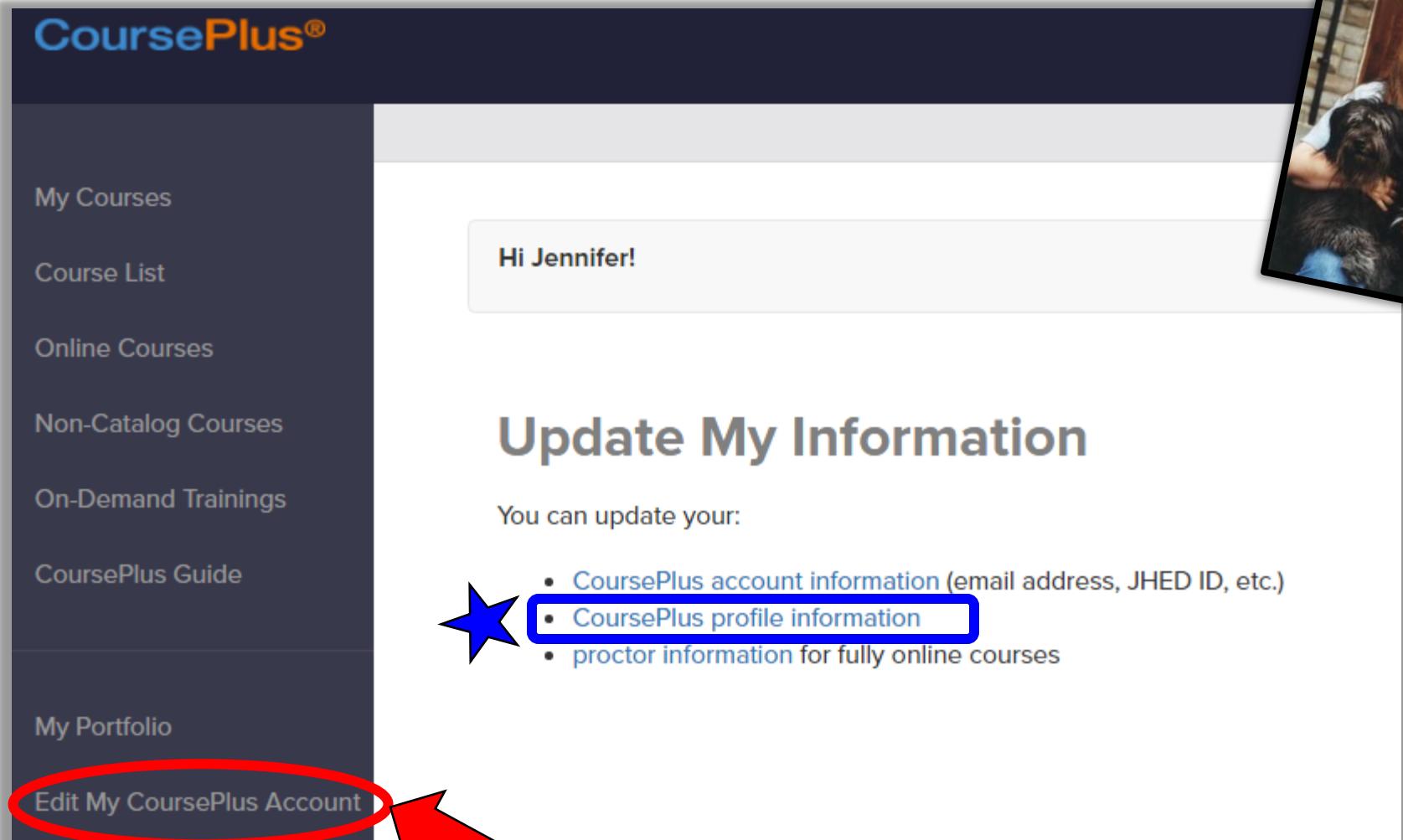
★Update Your Location

The screenshot shows the CoursePlus homepage. On the left, a sidebar menu lists: My Courses, Course List, Online Courses, Non-Catalog Courses, On-Demand Trainings, CoursePlus Guide, My Portfolio, and **Edit My CoursePlus Account**. The 'Edit My CoursePlus Account' link is circled in red at the bottom of the sidebar. A large red arrow points from this circled link towards the main content area. In the main content area, a greeting 'Hi Jennifer!' is displayed above the heading 'Update My Information'. Below the heading, the text 'You can update your:' is followed by a bulleted list: 'CoursePlus account information (email address, JHED ID, etc.)', 'CoursePlus profile information' (which is also circled in blue), and 'proctor information for fully online courses'. A blue star icon is positioned next to the first bullet point.

<https://courseplus.jhu.edu/core/index.cfm/go/home.mycourses/>

★Update Your Location

Allyn Arnold



The image shows a screenshot of the CoursePlus web interface. At the top left is the CoursePlus logo. On the left side, there's a vertical navigation menu with links: My Courses, Course List, Online Courses, Non-Catalog Courses, On-Demand Trainings, CoursePlus Guide, My Portfolio, and Edit My CoursePlus Account. The 'Edit My CoursePlus Account' link is circled in red at the bottom of the menu. A large red arrow points from this circled link towards the right side of the screen. On the right side, there's a greeting 'Hi Jennifer!' above a large button labeled 'Update My Information'. Below the button, it says 'You can update your:' followed by a bulleted list: 'CoursePlus account information (email address, JHED ID, etc.)', 'CoursePlus profile information' (which is also circled in blue), and 'proctor information for fully online courses'. To the right of the 'Update My Information' button is a photo of a woman holding a dog.

<https://courseplus.jhu.edu/core/index.cfm/go/home.mycourses/>

Overview

- **Goal:** To apply concepts covered in the lectures and in the readings
- **For each Activity, there are:**
 - 1) **PRE-Activity Questions**
 - 2) Activity
- **Course Groups:** Students are encouraged to complete the PRE-Activity Questions & Activities as a team

Expectations for the PRE-Activity Questions

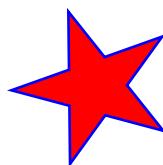
1. *Individually, read and attempt to answer all PRE-Activity Questions.*
2. *“Meet” or communicate with fellow students discuss challenging concepts, questions and compare answers. You may refer to their course materials and are strongly encouraged to collaborate with fellow students to complete the PRE-Activity Questions.*
3. *PRE-Activity Questions are due to Courseplus by the date listed on the syllabus. Although group collaboration is encouraged to complete the PRE-Activity Questions, each student must individually submit the PRE-Activity Questions. **Without exception, no credit will be given for submitting the PRE-Activity Questions after the due date.** The lowest PRE-Activity grade will be dropped when calculating the overall course grade.*

Overview of PRE-Activity Questions

- Graded
- 10 multiple-choice questions
- You may refer to your course materials & are encouraged to collaborate with fellow students
- Each student must submit their answers to the PRE-Activity Questions to CoursePlus (i.e., it is an individual assignment)

Overview of PRE-Activity Questions

- 7 sets of PRE-Activity Questions
- Lowest score is dropped
- Due to CoursePlus by 4:00PM Eastern US time on the day of the LiveTalk when the corresponding Activity will be discussed



No credit will be given for submitting PRE-Activity Questions after the deadline

**The first PRE-Activity Questions
(Outbreak Investigation)
are due to CoursePlus**

Wednesday, January 31

by 4:00PM Eastern US time

What time is it in Baltimore?

Screenshot of the CoursePlus website for the course 340.721.81 – Epidemiologic Inference in Public Health I.

The top navigation bar includes:

- CoursePlus®
- 3 2017-2018
- Sign Out

The main menu below the navigation bar includes:

- Syllabus ▾
- Content**
- Communication ▾
- Resources ▾
- Help
- Home

User profile information on the left:

- Jennifer Deal 
- [Go to Faculty Tools](#)

Content section header.

A large blue arrow points from the "Content" section header towards the current time information.

Current Baltimore Time: Tuesday, January 23, 2018, 1:41:45 pm

Note: Assignments become accessible on the dates listed in the "Available" column. All assignments are due no later than 11:59 p.m. Eastern Time on the date indicated, unless otherwise noted. All times are for Baltimore, Maryland (Eastern United States). Visit <http://www.timeanddate.com/worldclock> to convert to your local time.

Now let's look at the first PRE-Activity...

How to access and submit
PRE-Activity Questions in CoursePlus...

Link from the Course Content Page

Screenshot of the CoursePlus® course content page for 340.721.81 – Epidemiologic Inference in Public Health I (Week 1).

The Content tab is highlighted with a blue circle, and the PRE-Activity Questions link in the first row is highlighted with a red circle and a red arrow pointing to it.

Day	Time	Type	Description	Day	Time
Mon, Jan 22		Lecture 1	Introduction to Epidemiology (Celentano) Readings: Gordis text (5th ed.) Chapter 1		
Mon, Jan 22		Lecture 2	Epidemics (Celentano) Readings: Gordis text (5th ed.) Chapter 2		
Mon, Jan 22		Lecture 3	Populations (Celentano) Readings: Gordis text (5th ed.) Chapter 3, Figures 3-4 and 3-5 (pp.43-45); Chapter 6 pp.118-119		
Mon, Jan 22		PRE-Activity Questions	Outbreak Investigation	Wed, Jan 31	4:00 PM
Mon, Jan 22		Activity	Outbreak Investigation	Wed, Jan 31	4:00 PM
Wed, Jan 24	4:00 PM to Wed, Jan 24 5:30 PM	LiveTalk	Course Overview (4-5:30 Eastern US Time)		

<https://courseplus.jhu.edu/core/index.cfm/go/content.main/coid/9172/>

You are about to continue a with a set of pre-activity questions.

- You are allowed to access this quiz as many times as you want, until you submit your answers.
- Once you submit your answers, you will not be able to resubmit them.
- If you are connected to a wireless network, do not move around as you may lose your network connection.
- Technical problems? Contact CTL Help.

Proceed ►

Cancel

PRE-Activity: 01_Outbreak Investigation

Please note that this pre-activity questions is not part of your final grade in this class.

Instructions:

This PRE-Activity consists of 10 multiple choice questions and is to be completed via CoursePlus. You may refer to your course materials and are encouraged to collaborate with fellow students to complete this PRE-Activity. You may access this PRE-Activity multiple times, but may submit your answers only once. **No credit will be given for completing the PRE-Activity after the deadline.**

Answers to the 10 multiple choice questions in this PRE-Activity must be submitted to Courseplus by 4:00PM Eastern US time on Wednesday, January 31.

Click the link below to download the full PRE-Activity.

FILE: 340.721_PRE-Activity_01_Outbreak-Investigation.pdf (441Kb — PDF)

1.

1 point

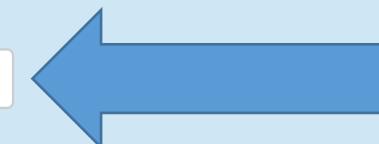
Which of the following statements is(are) true of using a **less strict** case definition as compared to a more strict case definition? (Select all that apply)

- a. More individuals who truly are ill will be counted as cases
- b. More individuals who truly are ill will be counted as non-cases
- c. More individuals who truly are not ill will be counted as non-cases
- d. More individuals who truly are not ill will be counted as cases

(QUESTIONS 2-10)

Submit Answers

Save Answers and Continue Later



PRE-Activity Questions may also be found in the Online Library...

Screenshot of the CoursePlus interface showing the "Online Library" menu item highlighted.

The screenshot shows the CoursePlus interface for the course 340.721.81 – Epidemiologic Inference in Public Health I (2017-2018). The "Resources" menu is open, and the "Online Library" option is highlighted with a red box and a blue arrow pointing to it.

The main content area displays a list of files under the "PRE-ACTIVITY Questions" section:

- 01_Outbreak Investigation PRE-Activity**
 - PRE-Activity_01_Outbreak-Investigation** (circled in red)
 - Outbreak-investigation-PRE-Activity-data-OPTIONAL**
- Problem 0 (To accompany the Outbreak Investigation PRE-Activity)**
 - Problem-0-CDC-Problem.doc**
 - Problem0_data.xlsx**

File details are shown for each item:

File	Last Modified	Size	Type
PRE-Activity_01_Outbreak-Investigation	12/07/17 3:00 PM	187 KB	Word
Outbreak-investigation-PRE-Activity-data-OPTIONAL	12/13/16 2:47 PM		
Problem-0-CDC-Problem.doc	01/21/16 8:23 AM	187 KB	Word
Problem0_data.xlsx	01/21/16 8:23 AM	10 KB	Excel

PRE-Activity: 01_Outbreak Investigation

Please note that this pre-activity questions is not part of your final grade in this class.

Instructions:

This PRE-Activity consists of 10 multiple choice questions and is to be completed via CoursePlus. You may refer to your course materials and are encouraged to collaborate with fellow students to complete this PRE-Activity. You may access this PRE-Activity multiple times, but may submit your answers only once. **No credit will be given for completing the PRE-Activity after the deadline.**

Answers to the 10 multiple choice questions in this PRE-Activity must be submitted to Courseplus by 4:00PM Eastern US time on Wednesday, January 31.

Click the link below to download the full PRE-Activity.

FILE: 340.721_PRE-Activity_01_Outbreak-Investigation.pdf (441Kb — PDF)

1.

1 point

Which of the following statements is(are) true of using a **less strict** case definition as compared to a more strict case definition? (Select all that apply)

- a. More individuals who truly are ill will be counted as cases
- b. More individuals who truly are ill will be counted as non-cases
- c. More individuals who truly are not ill will be counted as non-cases
- d. More individuals who truly are not ill will be counted as cases

(QUESTIONS 2-10)



Submit Answers

Save Answers and Continue Later



PRE-Activity Questions

- You may access the assignment multiples times, but may submit your answers only once
- *Once you submit your answers, you will not be able to resubmit them*

Due Dates for PRE-Activities

by 4pm Eastern US time

- Wed, Jan 31 *Outbreak Investigation*
- Wed, Feb 7 *Measuring Disease Frequency*
- Wed, Feb 14 *Validity & Reliability*
- Wed, Feb 21 *Surveillance Systems*
- Wed, Feb 28 *Experimental Studies: Vaccine Efficacy*
- Wed, Mar 7 *Observational Studies: Obesity & Colon Cancer*
- Wed, Mar 14 *Analyzing Published Papers*

Recall... PRE-Activity Questions...

- Goal: To apply concepts covered in the lectures and in the readings
- Prepare you for a productive and collaborative experience during the Activities
- So now let's move on to the Activities...

Activities

- **Goal:** Provide experience in applying epidemiologic methods, interpreting findings, and drawing inferences

Overview of Activities

- Students are expected to work with their assigned Group to complete each Activity

The screenshot shows a course management system interface. At the top, there is a navigation bar with tabs: Syllabus, Content, Communication (which is currently active and has a dropdown arrow), Resources, Help, and Home. Below the navigation bar, there is a main content area with a green header bar containing the word "Activities". Underneath this, there is a section titled "Activities" with a sub-section titled "Activities". The text in this section describes the activities and participation requirements. To the right of the main content area, a "Communication" menu is displayed as a dropdown list. The list includes: Discussion Forum, LiveTalk, Roster, Wiki, Class Email, Class Email Archive, Course Groups, Text Chat, and Announcements. A large blue arrow points from the bottom left towards the "Course Groups" option in the menu.

members, and to complete the Activities as a team.

There will be 1-2 LiveTalk sessions each week during Weeks 1-5. In each LiveTalk session, students discuss the Activities. Although real-time participation is not required, it is recommended that students participate as much as possible. Some students will represent their [Course Groups](#) participating in the audio discussion of the Activity that is covered during the LiveTalk sessions. All LiveTalks are archived and made available on Courseplus for students to listen to using a microphone during the LiveTalk sessions.

Activities

Activities

The [Activities](#) provide experience in applying epidemiologic methods, interpreting findings, and drawing inferences. Activities will be discussed during the LiveTalks. **Students are expected to work with their assigned Course Group to complete the Activity prior to the start of each LiveTalk.** Some students will represent their [Course Groups](#) by participating in the audio discussion of the Activity during each LiveTalk. Activities are posted in the Online Library in Courseplus.

Syllabus ▾ Content Communication ▾ Resources ▾ Help Home

- Discussion Forum
- LiveTalk
- Roster
- Wiki
- Class Email
- Class Email Archive
- Course Groups
- Text Chat
- Announcements

Expectations for the Activities

1. *Individually, read the Activity and attempt to answer all the questions.*
2. *“Meet” with your group and discuss challenging concepts, questions and compare answers*
3. *Formulate group consensus of answers if possible (sometimes there is no right or wrong answer!)*
4. *Post questions to the Discussion Forum if there is disagreement in your group or if there is need for a clarification to answer the question.*
5. *If your group is presenting at the LiveTalk, review your answers with a TA by posting to the Discussion Forum in your Group’s Category/Topic by 12PM (NOON) EST of the day preceding the LiveTalk*

Activities

- Activities are discussed during the LiveTalk
- From the syllabus....

LiveTalk Sessions

During the LiveTalk, some students will represent their Course Groups by participating in the audio discussion of the Activity. Course Groups are assigned questions to present the week prior to the LiveTalk; these assignments are posted in the Online Library on Courseplus. Not everyone from a Course Group needs to present and we understand that not all group members will be able to attend every LiveTalk. Please decide as a group how you will participate. Course Groups who are presenting should join the LiveTalk ~10-15 minutes prior to the start time and request that they test their microphone with the technician.

ONLINE LIBRARY:



Activities -> 01_Outbreak Investigation Activity -> Assignments for the LiveTalk.docx

<https://courseplus.jhu.edu/core/index.cfm/go/syl:syl.public.view/coid/9172/>

Expectations for the Activities

1. *Individually, read the Activity and attempt to answer all the questions.*
2. *“Meet” with your group and discuss challenging concepts, questions and compare answers*
3. *Formulate group consensus of answers if possible (sometimes there is no right or wrong answer!)*
4. *Post questions to the Discussion Forum if there is disagreement in your group or if there is need for a clarification to answer the question.*
5. *If your group is presenting at the LiveTalk, review your answers with a TA by posting to the Discussion Forum in your Group’s Category/Topic by 12PM (NOON) EST of the day preceding the LiveTalk*

Activities

- Contact TA's with questions about the Activity through the Discussion Forum on CoursePlus. The TA's will monitor and provide helpful hints!
- Please join the LiveTalk ~10 minutes prior to the start time and to test your microphone with the technician
- (Do not use the built-in microphone in your computer! There will be feedback.)

Now let's look at the first Activity...

Summary of Activities

PRE-Activity:	Activity:
▪ Complete 1 st	▪ Complete 2 nd
▪ Multiple Choice	▪ Short Answer
▪ Graded	▪ Not graded
▪ Submitted prior to the LiveTalk	▪ Discussed during the LiveTalk
▪ One correct answer for each question	▪ “It depends!”

LiveTalk Sessions

LiveTalk Sessions

LiveTalks will be held each week on Wednesdays from 4:00-5:30PM Eastern US time per the [Course Schedule](#) in Courseplus. During LiveTalks, instructors will lead a discussion of the week's Activity. Students are expected to complete the Activity with their assigned Groups prior to the start of the LiveTalk.

Although real-time participation in the LiveTalks is not required, it is strongly recommended that students participate in the LiveTalk sessions when possible. All LiveTalks sessions are archived on Courseplus so that students who are unable to attend in real time may have access to the material covered in the LiveTalk. All students are responsible for all of the material covered during the LiveTalks.

During the LiveTalk, some students will represent their [Groups](#) by participating in the audio discussion of the Activity. Groups are assigned questions to present the week prior to the LiveTalk; these assignments are posted in the Online Library on Courseplus. Not everyone from a group needs to present and we understand that not all group members will be able to attend every LiveTalk. Please decide as a group how you will participate. If your group is presenting at the LiveTalk, review your answers with a TA by posting to the Discussion Forum in your Group's Category/Topic by 4PM EST of the Monday preceding the LiveTalk. Groups who are presenting should join the LiveTalk ~10-15 minutes prior to the start time and request that they test their microphone with the technician.

If you have questions that come up during the LiveTalks, please post to General Chat. Depending on the time, we may not be able to answer all questions. If we do not get to your question, please re-post it in the [Discussion Forum](#) in the appropriate Week (LiveTalks and Activities) category/topic. We will not respond to Private Chats sent during the LiveTalks.

Each week, following the discussion of the Activity, instructors will allot time to address student questions related to course content (for example, PRE-Activity Questions, Lectures, Activities). Please submit any questions you would like to be addressed during this time to the [Discussion Forum](#) under the appropriate Week (LiveTalks and Activities) category/topic with the heading "For the instructors". Questions must be posted by 12:00 noon Eastern time the Tuesday prior to the LiveTalk.

LiveTalk Sessions

CoursePlus® 340.721.81 – Epidemiologic Inference in Public Health I 3 2017-20

Syllabus Content (circled) Communication ▾ Resources ▾

Week 1			
Mon, Jan 22	Lecture 1	Introduction to Epidemiology (Celentano) <i>Readings: Gordis text (5th ed.) Chapter 1</i>	
Mon, Jan 22	Lecture 2	Epidemics (Celentano) <i>Readings: Gordis text (5th ed.) Chapter 2</i>	
Mon, Jan 22	Lecture 3	Populations (Celentano) <i>Readings: Gordis text (5th ed.) Chapter 3, Figures 3-4 and 3-5 (pp.43-45); Chapter 6 pp.118-119</i>	
Mon, Jan 22	PRE-Activity Questions	Outbreak Investigation	Wed, Jan 31, 4:00 PM
Mon, Jan 22	Activity	Outbreak Investigation	Wed, Jan 31, 4:00 PM
Wed, Jan 24 4:00 PM to Wed, Jan 24 5:30 PM	LiveTalk (circled)	Course Overview (4-5:30 Eastern US Time)	

<https://courseplus.jhu.edu/core/index.cfm/go/content.main/coid/9172/>

LiveTalk Sessions

- Held per the course schedule from 4:00-5:30PM Eastern US time
- Instructors will facilitate a discussion of the week's Activity
- If you have any questions during the LiveTalk, please post to General Chat
 - We will *not* respond to Private Chats during the LiveTalk sessions

Your questions are important to us!

- During each LiveTalk, time will be allotted to address your questions related to the course content
- Please submit your questions to the Discussion Forum under the appropriate Week with the heading, “For the instructors” by 12:00PM Eastern US time the day prior to the LiveTalk

Dates of the LiveTalk Sessions

- Wed, Jan 24 *Welcome & Course Organization*
- Wed, Jan 31 *Outbreak Investigation Activity*
- Wed, Feb 7 *Measuring Disease Frequency Activity*
- Wed, Feb 14 *Validity & Reliability Activity*
- Wed, Feb 21 *Surveillance Systems Activity*
- Wed, Feb 28 *Experimental Studies: Vaccine Efficacy Activity*
- Wed, Mar 7 *Observational Studies: Obesity & Colon Cancer Activity*
- Wed, Mar 14 *Analyzing Published Papers Activity*

Course Communication

Communication with Faculty and Teaching Assistants

Instructor LiveTalk sessions: Every Wednesday, the instructors will hold a LiveTalk session (synchronous session) to discuss the Activity for that week. You can find the dates of these sessions on the [Course Schedule](#). We encourage everyone to attend LiveTalk sessions, but because we recognize that you may not always be able to do so, all LiveTalk sessions will be archived. The LiveTalk sessions are conducted online using Adobe Connect.

Discussion Forum: The Teaching Assistants for the course will monitor the [Discussion Forum](#), and they will do their best to answer all questions within 48 hours. Please use this forum to ask general questions about the material (i.e., clarification on a concept from lecture, questions on the readings, practice problems, etc). The Discussion Forum is organized by **Week** for the Activities and LiveTalks, with separate categories for the **Lectures**, the **Midterm Exam** and the **Final Exam**. You are also welcome to post comments and questions for your fellow classmates in the **General** category in the Discussion Forum, but these posts will not be monitored by the TAs.

Questions regarding course logistics or administrative issues should not be posted to the Discussion Forum, but instead should be emailed to Ms. Allyn Arnold, the course coordinator, at aarnold2@jhu.edu

Discussion Forum

- For questions about course content
- Monitored by the Teaching Assistants
- Questions answered within 48 hours
- You are also welcome to post comments and questions for your fellow classmates in the **General** category in the Discussion Forum, but these posts will not be monitored by the TA's
- The TA's will not respond to administrative questions on the Discussion Forum



- *Questions regarding course logistics or administrative issues should be emailed to Ms. Allyn Arnold, the course coordinator, at aarnold2@jhu.edu*

Questions?

Help

Concerns

Concerns about course content

Administrative questions

Technical concerns about the functionality and operation of course Web pages (before emailing, please make sure that you can replicate the problem)

Technical help with JHSPH email or desktop applications

Contact

- Please post questions regarding course content to the Discussion Forum.
- For administrative questions, please email the course coordinator, Ms. Allyn Arnold, aarnold2@jhu.edu
- [CTL Help](#), the central help system for all tech support inquiries related to online courses
- JHSPH User Support: 410-955-3781

This week...

- Listen to Lectures 1-3 and complete assigned reading
 - Complete Self-Assessments to gauge understanding of the material
- Introduce yourself to your Group
 - Check the document posted in the Online Library to see if your Group will be presenting at the LiveTalk next week
- Start working on the 1st PRE-Activity and “meet” with your group to discuss the Activity (Outbreak Investigation)

Next week...

- Listen to Lectures 4-6 and complete assigned reading
- Outbreak Investigation PRE-Activity due Wed Jan 31 by 4:00pm Eastern US time
- LiveTalk on Wed, Jan 31, 4:00-5:30PM Eastern US time
 - Discuss Activity: Outbreak Investigation
 - If you have questions you'd like us to address during the LiveTalk, please post them to the Discussion Forum by 12:00pm on Tuesday Jan 30
- Start working on the 2nd PRE-Activity and “meet” with your Group to discuss the Activity (Measures of Disease Frequency)

A note about workload...

Advice from your colleagues...

- *Challenging to keep up so time management is important*
- *Stay on top of the lectures and even try to get a little bit ahead, but not too far ahead. Take the online reviews for the lectures, the midterm and the final*
- *This class is totally doable if you keep up with the lectures and give yourself enough time for the assignments, activities and studying for the exams*

A helpful hint...

340.721 Epidemiologic Inference in Public Health I

PRE-Activity Questions:
Outbreak Investigation

MEDIAN INCUBATION PERIOD

(NOTE: See Problem 0 for practice plotting an epidemic curve and calculating the median incubation period)

Question 9

Using the epidemic curve you plotted in Question 8, what was the median incubation period for the onset of vomiting and diarrhea?

- a. 4 hours, 30 minutes
- b. 7 hours
- c. 10 hours, 30 minutes
- d. 13 hours, 30 minutes

A helpful hint...

340.721 Epidemiologic Inference in Public Health I

PRE-Activity Questions: Outbreak Investigation

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Syllabus ▾ Content Communication ▾ Resources ▾ Help

PRE-ACTIVITY Questions

01_Outbreak Investigation PRE-Activity

PRE-Activity_01_Outbreak-Investigation 12/07/17 3:00 PM

Outbreak-investigation-PRE-Activity-data-OPTIONAL 12/13/16 2:47 PM

Problem 0 (To accompany the Outbreak Investigation PRE-Activity)

Problem-0-CDC-Problem.doc 01/21/16 8:23 AM 187 KB Word

Problem0_data.xlsx 01/21/16 8:23 AM 10 KB Excel

Online Library Drop Box Gradebook Twitter Tracker Course News Feed Course FAQs Lecture Tracker LiveTalk Tracker

ANSWER KEY IS PROVIDED!

<https://courseplus.jhu.edu/core/index.cfm/go/ol:library.viewAll/coid/9172/>

*Thank you &
welcome to the course!*