Mel and Enid Zuckerman College of Public Health
University of Arizona

SYLLABUS
EPID/CPH 696A: EPIDEMIOLOGY SEMINAR
Fall 2017

Time: Wednesdays, 12:00 – 12:50 p.m.
Location: Drachman Hall A-122 and Drachman Hall A-114 (see schedule)

Instructors: Katherine Ellingson, PhD
Assistant Professor of Epidemiology
Drachman Hall, A224
Office: 520.626.3118
kellingson@email.arizona.edu

Office Hours: By Appointment via email
Teaching Assistant: None

Course Description: This seminar consists of presentations and active discussions led by a diverse range of
speakers, including the course students, on topics in epidemiologic research and applied epidemiology that may
not be available through other courses.

The seminar is a forum for presentation and discussion of original research findings, methodologic approaches,
and applied epidemiology (i.e., epidemiology in action), as well as career-development topics such as
procurement of research funding, critical evaluation of scientific literature, communication of epidemiologic
concepts or findings, practical considerations for internships, and job searching. Presentations may span a broad
range of epidemiologic areas including injury, chronic disease, infectious disease, maternal-child health, and
global health. This is also a forum for MS and PhD epidemiology students, as well as postdoctoral fellows, to
present findings from their respective areas of research.

Course Prerequisites: This course is restricted to graduate students in health related fields including public
health, medicine, and the biological or social sciences.

Course Learning Objectives: At the end of the course, students will:
• Increase their understanding of a broad range of epidemiological research
• Understand the application of epidemiologic principles by public health agencies to mitigate disease
• Contribute meaningfully to conversations regarding contemporary issues in epidemiology
• Enhance their exposure to individuals with epidemiology-focused careers

MPH/Section Competencies Covered: The seminar will cover all the competencies under analytical,
communication, cultural and basic public health science skills.

Course Notes: No notes will be provided.

Recommended Texts/Readings: Journal articles if relevant will be posted on D2L.

Course Schedule: The seminar schedule will be updated as needed on D2L.

Course Requirements and Evaluation:
Pass-Fail Grading
Based on attendance, there will be 1 point available per week for 15 weeks=15 total points. Students must attend and participate in at least 12 sessions to receive a grade of P.

Course requirements:
- Participate by actively listening and asking questions
- Complete evaluation/reflection form following each presentation

Class Attendance and participation: Students are expected to attend and participate in the seminar. Using a laptop, tablet or cell-phone (calls, texting or surfing) during seminar is grounds for not receiving attendance credit for that day. Students who arrive more than 10 minutes late or leave prior to 12:40 pm may be counted as absent.

If a student cannot attend a seminar session, substitution with another seminar may be appropriate. The student must discuss this option with the course instructor for prior approval. The student will be asked to provide documentation of attendance at the alternate seminar and a one-page description of the seminar.

All holidays or special events observed by organized religions will be honored for those students who show affiliation with that particular religion. Absences pre-approved by the UA Dean of Students (or Dean’s designee) will be honored.

Required Statements:

Communications:
You are responsible for reading emails sent to your UA account from your professor and the announcements that are placed on the course web site in D2L. Information about readings, news events, your grades, assignments and other course related topics will be communicated to you with these electronic methods. The official policy can be found at: http://www.registrar.arizona.edu/emailpolicy.htm

Disability Accommodation:
It is the University’s goal that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately, so that we can discuss options. You are also welcome to contact the Disability Resources (520-621-3268) to establish reasonable accommodations (as it is very important that you be registered with the DRC). For additional information on Disability Resources and reasonable accommodations, please visit http://drc.arizona.edu/students

Academic Integrity:
Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, your work must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity, available through the office of the UA Dean Students: http://deanofstudents.arizona.edu/codeofacademicintegrity

Classroom Behavior: (Statement of expected behavior and respectful exchange of ideas)
The Dean of Students has set up expected standards for student behaviors and has defined and identified what is disruptive and threatening behavior. This information is available at: http://deanofstudents.arizona.edu/disruptiveandthreateningstudentguidelines

Students are expected to be familiar with the UA Policy on Disruptive and Threatening Student Behavior in an Instructional Setting found at: http://policy.arizona.edu/disruptive-behavior-instructional and the Policy on Threatening Behavior by Students found at: http://deanofstudents.arizona.edu/sites/deanofstudents.arizona.edu/files/Disruptive_threat_bklt_2012.pdf

Grievance Policy: Should a student feel he or she has been treated unfairly, there are a number of resources available. With few exceptions, students should first attempt to resolve difficulties informally by bringing those concerns directly to the person responsible for the action, or with the student's graduate advisor, Assistant Dean for Student and Alumni Affairs, department head, or the immediate supervisor of the person responsible for the action. If the problem cannot be resolved informally, the student may file a formal grievance using the Graduate College Grievance Policy found at: http://grad.arizona.edu/academics/policies/academic-policies/grievance-policy
Grade Appeal Policy: http://catalog.arizona.edu/2014-15/policies/gradappeal.htm

Nondiscrimination and Anti-Harassment Policy:
The University of Arizona is committed to creating and maintaining an environment free of discrimination, http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy

UA Smoking and Tobacco Policy:
The purpose of this Policy is to establish the University of Arizona’s (University) commitment to protect the health of University faculty, staff, students, and visitors on its campuses and in its vehicles, http://policy.arizona.edu/ethics-and-conduct/smoking-and-tobacco-policy

Syllabus Changes: Information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Laptops and Electronic Devices (including cell phones): Laptops and other electronic devices can interfere with class; they need to be turned off and stored during all speaker presentations. Phones can be left on vibrate if needed, but no phone calls or texting are allowed during class. Laptops should not be used during the class period, unless there is a documented need for their use.

Other General Notes Regarding Graduate Courses
Plagiarism: Plagiarism can occur when a student copies text word-for-word without quoting, fails to paraphrase, or fails correctly reference materials used for preparing a written assignment. This includes fictitious or incorrect references. If plagiarism is detected on an assignment, it will result in automatic failure for that assignment. A second offense will result in automatic course failure. All these actions will be reported to the Section Chair, the Dean of the College of Public Health, and the Dean of Students. This policy is in place for this class because scientific writing is a fundamental skill at both the undergraduate and graduate level in this field, and for this course. If you feel you are unsure as to what might constitute plagiarism, there are numerous resources at the University of Arizona, including the writing lab, to help you understand and avoid plagiarism.
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<tr>
<th>Date</th>
<th>Title</th>
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<tr>
<td>Wednesday August 23</td>
<td><strong>Joint Epi and Bios Seminar (A114)</strong> Electronic Health Records in Public Health Research: New Frontiers, Challenges and Applications</td>
<td><strong>Elizabeth Calhoun PhD MEd</strong>, Professor, Community Environment and Policy/Center for Population Science and Discovery &amp; <strong>Jin Zhao PhD</strong>, Assistant Professor, Dept. Epidemiology and Biostatistics</td>
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<td>Wednesday August 30</td>
<td>Epidemiologic Evaluation of Programs to Improve Health in Tribal Communities</td>
<td><strong>Jamie Ritchey PhD MPH</strong>, Tribal Epidemiology Center &amp; Inter Tribal Council of Arizona, Inc.</td>
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<td>Wednesday September 6</td>
<td>Antibiotic Stewardship: Measuring and Modifying Antibiotic Overprescribing</td>
<td><strong>Peter Patterson, MD MBA</strong>, Medical Director for Antimicrobial Stewardship, Covenant Health</td>
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<td>Wednesday September 13</td>
<td><strong>College wide Seminar (A114)</strong> (EPIBIOS-Invited Speaker) Title TBA</td>
<td><strong>Elena Martinez PhD MPH</strong>, Department of Family and Preventive Medicine, U.C. San Diego</td>
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<td>Wednesday September 20</td>
<td>Epidemiology in Action: Public Health Surveillance in Maternal-Child Health</td>
<td><strong>Sydney Pettygrove PhD</strong>, Assistant Professor, Dept. Epidemiology and Biostatistics</td>
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<td>Wednesday September 27</td>
<td><strong>Joint Epi and Bios Seminar</strong> Introduction to Bayesian Methods for Clinical and Translational Science</td>
<td><strong>Edward Bedrick PhD</strong>, Professor, Dept. Epidemiology and Biostatistics</td>
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<td>Wednesday October 4</td>
<td>A Primer and Current Topics in Genetic Epidemiology</td>
<td><strong>Yann Klimentidis PhD</strong>, Assistant Professor, Dept. Epidemiology and Biostatistics</td>
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<td>Wednesday October 11</td>
<td><strong>College wide Seminar (A114)</strong> (CEP-Invited Speaker) Title TBA</td>
<td><strong>Lawrence J. Mandarino PhD</strong>, Professor of Medicine Director, UAHS Center for Disparities in Diabetes/Obesity-Metabolism</td>
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<td>Wednesday October 18</td>
<td>Surveillance of Pregnant Unaccompanied Children Who Migrated from Zika-Endemic Areas to the US Border: Associated Challenges for Public Health</td>
<td><strong>Jennifer Adair RN MPH</strong>, Maricopa County Department of Health</td>
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<td>Wednesday October 25</td>
<td>Application of Bayesian Methods in Viper Bite Research</td>
<td><strong>Dean Billheimer PhD</strong>, Professor of Biostatistics / Center for Biomedical Informatics and Biostatistics</td>
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<td>Wednesday November 1</td>
<td>Use of Epidemiologic Data in Arizona’s Sexually Transmitted Disease Control Program</td>
<td><strong>Rebecca Scranton MPH</strong>, Epidemiologic Data Analyst, Arizona Dept. Health Services</td>
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<td>Wednesday November 8</td>
<td><strong>College wide Seminar (A114)</strong> (HPS-Invited Speaker) Title TBA</td>
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<td>Wednesday November 15</td>
<td>Trends in Public Health Law</td>
<td>Leila Barraza JD MPH</td>
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<td>Wednesday November 22</td>
<td>No Seminar this week</td>
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<td>Wednesday November 29</td>
<td>Vectorborne Disease Research: Overview and Applications</td>
<td>Heidi Brown PhD</td>
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<td>Wednesday December 6</td>
<td>Wrap Up: Common Themes, Critical Assessment, Student Input</td>
<td>Katherine Ellingson PhD</td>
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