



MEL AND ENID ZUCKERMAN
COLLEGE OF
PUBLIC HEALTH

**Mel and Enid Zuckerman College of Public Health
University of Arizona**

**SYLLABUS
EHS 696R Environmental Health Sciences Seminar
FALL 2017**

Time: Wednesdays 12:00-12:50 PM

Location: Drachman Hall A-118

Instructor(s) and Contact Information:

Marc Verhougstraete, Ph.D.
Drachman A231

mverhougstraete@email.arizona.edu

Dr. Boris Reiss
Drachman A202

reissb@email.arizona.edu

Instructor Availability: By appointment. Expect email response time to be 24-72 hours.

Teaching Assistant: NA

TA Office Hours: NA

Catalog Description: The development and exchange of scholarly information is best accomplished in small group settings. The seminar will promote critical thinking among students regarding current topics in environmental health and industrial hygiene.

Course Prerequisites: None

Course Learning Objectives: This seminar will promote critical thinking and evaluation of current research topics in environmental health and industrial hygiene. Written and verbal materials will be evaluated by the student to elucidate timely and pertinent topics in Environmental and Occupational Health. Further, the seminar will provide networking opportunities for prospective employers, colleagues, students and faculty.

MPH Competencies Covered:

Analytical Skills

- Defines a problem
- Determines appropriate uses and limitations of data
- Selects and defines variables relevant to defined public health problems
- Evaluates the integrity and comparability of data and identifies gaps in data sources
- Understanding basic research designs used in public health
- Makes relevant inferences from data

Policy Development/ Program Planning Skills

- Assess and interpret information to develop relevant policy options
- Articulating the health, fiscal, administrative, legal, social, political and ethical implications of each policy option
- Translates policy into organizational plans, structures, and programs

Cultural Skills

- Understanding the current forces contributing to cultural diversity in the Southwest
- Interacting competently, respectfully, and professionally with persons from diverse backgrounds
- Developing and adapting approaches to public health problems that take into account cultural differences
- Determining health related consequences of social structure
- Understanding the dynamic forces contributing to cultural diversity

Basic Public Health Science Skills

- Understanding research methods in all basic public health sciences
- Applying the basic public health sciences including behavioral and social sciences, biostatistics, epidemiology, environmental public health, and prevention of chronic and infectious diseases and injuries
- Understanding of the historical development and structure of state, local, and federal public health agencies

Course Website: <http://d2l.arizona.edu>

Course Notes: Lecture notes will be provided on d2l.

Required Texts or Readings: Course readings will be provided on d2l.

Required or Special Materials: None.

Course Requirements: Students are required to attend a minimum of 12 seminars per semester. Students will be required to submit 2 questions at the end of seminar to document their attendance and demonstrate their critical thinking about the topic. These will be collected and used to facilitate discussions with the speaker. Students are required to bring a writing utensil to class to write their questions.

While it is important that everyone attend the Environmental Health Sciences Seminar when possible, we understand that there are times when a student may need to substitute in another seminar or perhaps there is another one that more closely aligns with their interests. Students may substitute up to 4 seminars. For each substitution seminar, the student is required to submit a summary of the seminar, two questions that demonstrate critical thinking about the topic, and a paragraph summarizing the rationale for why the seminar is relevant to EHS and meets the course objectives. Formal documentation with the time, location, title and format of the seminar is also required.

While it is not required to get substitute seminars pre-approved, it is highly recommended that students consult with the instructors to make sure that their substitute seminar will be accepted.

No substitute seminars will be permitted for the College-Wide seminars on 13 September 2017, 11 October 2017, and 8 November 2017.

Grading Scale/Student Evaluation and Policies: Final grades will be based on the following system:

- S (superior) = attended at least 12 seminars and received a check plus on at least half of their submitted questions
- P (pass) = attended at least 12 seminars with appropriate documentation
- F (fail) = did not attend at least 12 seminars

*Check plus will be awarded for students who demonstrate “superior” critical thinking about the topic with their questions.

Late Assignment and Make-up Policy: All replacement seminar documents must be submitted in hard copy format to be graded no later than 5 pm on 8 December 2017.

Plagiarism: What counts as plagiarism?

- Copying and pasting information from a web site or another source, and then revising it so that it sounds like your original idea.
- Doing an assignment/essay/take home test with a friend and then handing in separate assignments that contain the same ideas, language, phrases, etc.
- Quoting a passage without quotation marks or citations, so that it looks like your own.
- Paraphrasing a passage without citing it, so that it looks like your own.
- Hiring another person to do your work for you, or purchasing a paper through any of the on- or off-line sources.

Any type of academic misconduct can result in a grade of zero for the assignment.

Incompletes & Withdrawals: Requests for incompletes (I) and withdrawal (W) must be made in accordance with University policies which are available at <http://catalog.arizona.edu/2015-16/policies/grade.htm#I> and <http://catalog.arizona.edu/2015-16/policies/grade.htm#W> respectively.

Absence and Class Attendance/Participation: (Expected attendance, participation levels)

In-person courses: The UA’s policy concerning class attendance, participation, and administrative drops is available at: <http://catalog.arizona.edu/2015-16/policies/classatten.htm>

The UA policy regarding absences for any sincerely held religious belief, observance or practice will be accommodated where reasonable, <http://policy.arizona.edu/human-resources/religious-accommodation-policy>.

Absences pre-approved by the UA Dean of Students (or Dean Designee) will be honored, <http://uhap.web.arizona.edu/policy/appointed-personnel/7.04.02>

As stated previously students need only attend 12 seminars and can replace up to 4 with alternative seminars.

Communications: You are responsible for reading emails sent to your UA account from your instructor and the announcements that are placed on the course web site. 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: <https://www.registrar.arizona.edu/personal-information/official-student-email-policy-use-email-official-correspondence-students>. You should also check the d2l website frequently for updates and announcements. Consider setting your account in d2l to forward all messages to your UA email account. They are not automatically linked.

Disability Accommodations: 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>

Code of Academic Integrity: Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercise 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/policies-and-codes/code-academic-integrity>

Classroom Behavior: Students are expected to be familiar with the UA Policy on Disruptive Student Behavior in an Instructional Setting found at: <http://policy.arizona.edu/education-and-student-affairs/disruptive-behavior-instructional-setting>

Threatening Behavior Policy: The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to one's self, <http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students>

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>

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/policy/grade-appeal>

Office Hours and Contact Policy: If no one has arrived during the first half of office hours, the rest of the office hours are canceled. Instructors will check email at least once a day excluding weekends.

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.

Telephone/Computer/Electronic Device Use: You are not allowed to have any of your electronic devices on during class. Don't be rude; give the speaker your undivided attention. Turn your cell phones to silent or vibrate in order to not disrupt the class and disturb your fellow students.

Additional Resources for Students (recommended links)

- UA Academic policies and procedures are available at: <http://catalog.arizona.edu/2015-16/policies/aaindex.html>
- Student Assistance and Advocacy information is available at: <http://deanofstudents.arizona.edu/student-assistance/students/student-assistance>

CPH 696r EHS Seminar integrated with MEZCOPH College-Wide Seminar*

| Date | Room* | Speaker & Affiliation | Title |
|------------|-------|--|--|
| 8/23/2017 | A-118 | Nathan Cherrington – University of Arizona | |
| 8/30/2017 | A-118 | Valeria Ochoa-Herrera | |
| 9/6/2017 | A-118 | Franciso Mendoza - AZ Department of Safety and Health - Consultation | |
| 9/13/2017 | A-114 | Elena Martinez | |
| 9/20/2017 | A-118 | Richard W. Murphy - Raytheon Company | <i>Basic Measurement of Radio Frequency Radiation</i> |
| 9/27/2017 | A-118 | Mark Weir – Ohio State University | |
| 10/4/2017 | A-118 | Molly Scanlon – University of Arizona | |
| 10/11/2017 | A-114 | | |
| 10/18/2017 | A-118 | Marc Verhougstraete – University of Arizona | <i>Service Learning in Rural Arizona</i> |
| 10/25/2017 | A-118 | TBD | |
| 11/1/2017 | A-118 | TBD | |
| 11/8/2017 | A-114 | TBD | |
| 11/15/2017 | A-118 | TBD | |
| 11/22/2017 | A-118 | Thanksgiving – No seminar | |
| 11/29/2017 | A-118 | Ryan Hemme – Center for Disease Control and Prevention | <i>Monkeys, Mosquitoes, and Man: Spillback Arbovirus Transmission, and New Tools for Detection</i> |
| 12/6/2017 | A-118 | Finals prep – No Seminar | |
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Note: The EHS seminar is integrated with the MEZCOPH college-wide seminar. EHS seminars in white are held in Drachman A-118. Sessions in yellow are held in Drachman A-114. All seminars are presented from 12:00-12:50 PM.

Ideas for other seminars on campus:

- CPH 696A Epidemiology Seminar Wednesdays 12-12:50 PM
- CPH 696B Cancer Prevention & Control Seminar Wednesdays 9-9:50 AM
- CPH 696H Maternal & Child Health Seminar Wednesdays 12-12:50 PM
- CPH 696S Biostatistics Seminar Wednesdays 12-12:50 PM

- Institute for the Environment (<http://www.environment.arizona.edu>)
- UA Superfund Colloquia (<https://superfund.arizona.edu/>)
- Environmental Breakfast Club (<http://law2.arizona.edu/environment/ebc.cfm>)
- UA Southwest Environmental Health Sciences Center (<http://swehsc.pharmacy.arizona.edu/home>)
- Department of Soil, Water & Environmental Sciences (<https://swes.cals.arizona.edu>)
- Department of Chemical & Environmental Engineering (<http://www.che.arizona.edu>)

Possible Webinars:

- US Environmental Protection Agency
- National Institute of Environmental Health Sciences

UA Trainings:

- Research Laboratory & Safety Services Training (<https://rlss.arizona.edu>) (must complete both Chemical and Biosafety to obtain full credit, and submit both certificates)
- Responsible Conduct of Research Training (<http://rgw.arizona.edu/research-compliance/rcr/online-training>) (must submit CITI certificate for RCR, not human subjects, to receive credit)

