Mel and Enid Zuckerman College of Public Health  
University of Arizona  

SYLLABUS  
EHS 696R Environmental & Occupational Health Seminar  
Fall 2019

**Time:** Wednesdays 12:00-12:50 PM

**Location:** Drachman Hall A-118

**Instructor(s) and Contact Information:**

Marc Verhougstraete  
Drachman A231  
mverhougstraete@email.arizona.edu

Paloma Beamer  
Drachman A223  
pbeamer@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 Description:**

**Course Prerequisites:** None

**Course Objectives and Expected Learning Outcomes:**

- **Course 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.

- **Competencies Obtained:**
  - **MPH Competencies Covered**
    - Recognize and classify the major types of chemical, physical and biological exposure agents capable of inducing disease in the public
    - Describe the base mechanism of toxicity and potential health effects and diseases caused by various chemical agents
    - Identify the steps involved in environmental and occupational health research

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o **MS Competencies Covered**
  - To demonstrate fundamental knowledge of the principles of environmental health sciences and be able to apply them
  - To demonstrate knowledge of local, federal and state regulatory programs
  - To develop effective written and oral communication skills

o **PhD Competencies Covered**
  - To exhibit a comprehensive knowledge of the principles of environmental health sciences
  - To develop new, innovative, applied or theoretical knowledge through research of health related issues
  - To develop effective written and oral communication skills
  - To develop the critical thinking and evaluation skills

**Course Notes:** No seminar notes will be provided

**Required Texts or Readings:** Any course readings will be provided on d2l prior to seminar.

**Required or Special Materials:** None

**Course Requirements:** Students are required to attend a minimum of 14 seminars per semester. Students will be required to submit at least 2 questions at the end of each seminar to document their attendance and demonstrate their critical thinking about the presented 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 5 seminars. For each substitution seminar, the student is required to submit a hard copy summary of the seminar, with at least 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.

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

- S (superior) = attended at least 14 seminars and received a check plus on at least half of their submitted questions
- P (pass) = attended at least 14 seminars with appropriate documentation
- F (fail) = did not attend at least 14 seminars

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

All replacement seminar documents must be submitted in hard copy format to be graded no later than 5 pm on 3 May 2019.

Requests for incompletes (I) and withdrawal (W) must be made in accordance with University policies.
University policy regarding grades and grading systems is available at: https://catalog.arizona.edu/policy-type/grade-policies

**Required examinations, papers and projects:** No quizzes or exams are included in this course.

**Required extracurricular activities:** None

**Absence and Class Attendance/Participation:** See “Grading Scale/Student Evaluation and Policies”
Class participation includes active engagement and oral communication with speakers. The UA’s policy concerning class attendance, participation, and administrative drops is available at:
https://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop

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

Absences pre-approved by the UA Dean of Students (or Dean Designee) will be honored, http://deanofstudents.arizona.edu/

**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

**Accessibility and Accommodations:** At the University of Arizona, we strive to make learning experiences as accessible as possible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, you are welcome to let me know so that we can discuss options. You are also encouraged to contact Disability Resources (520-621-3268) to explore reasonable accommodation. If our class meets at a campus location: Please be aware that the accessible table and chairs in this room should remain available for students who find that standard classroom seating is not usable. 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:** (Statement of expected behavior and respectful exchange of ideas:
Present policies to foster a positive learning environment, including use of cell phones, mobile devices, etc.). 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

Rev. June 2018
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](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.

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.
### Course Schedule:

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<tr>
<th>Date</th>
<th>Room</th>
<th>Speaker &amp; Affiliation</th>
<th>Topic</th>
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<tbody>
<tr>
<td>August 28</td>
<td>A-118</td>
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<td>Introduction</td>
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<td>September 4</td>
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<td>September 11</td>
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<td>September 18</td>
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<td>Kathy Altman</td>
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<td>September 25</td>
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<td>Frank Arthur von Hippel</td>
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<td>Thanksgiving - No seminar</td>
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