Mel and Enid Zuckerman College of Public Health
University of Arizona

SYLLABUS
Environmental and Occupational Health Seminar
Fall 2020
1 Units

This class is scheduled to be taught in the FLEX IN-PERSON modality.

Meeting times for remote teaching: We will be meeting remotely until it is safe for in-person meetings may commence. We will meet Wednesdays at noon on Zoom at the following link https://arizona.zoom.us/j/94297036254 Password: 725964. Meetings will be SYNCHRONOUS, meaning attendance will be taken at the time of the zoom meeting.

Meeting times for in-person teaching: When the COVID-19 situation permits teaching on campus, we will meet in person at noon on Wednesdays, in Drachman Hall, Room A118. We will not be splitting into small groups, since there is sufficient space to socially distance with the current enrollment numbers. For the entirety of this semester, you will always have the option of attending online, even if we meet in person. In addition, most guest speakers will present via zoom. These are noted on the schedule.

Instructor(s) and Contact Information: Dr. Melissa Furlong, mfurlong@email.arizona.edu, Drachman Hall A225.

Instructor Availability: During the remote section of the course, I will be available via zoom, by appointment. After the resumption of in-person classes, office hours will be from 10-12 on Wednesday mornings.

Online courses: I will respond to emails within 24 hours.

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: A series of guest lectures by experts in the field, designed to expand the breadth of knowledge and provide tools for success during the MEZCOPH program and beyond.

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
  - **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
  - **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

**Required Texts or Readings:** None

**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. During the remote sessions, these will be submitted on the D2L forum, and are due by the end of the class session. Students can also use these questions to engage with the speaker. During in-person sessions, 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.

Rev. August 18, 2020
All replacement seminar documents must be submitted either online via email (mfurlong@email.arizona.edu) or in hard copy format to be graded no later than 5 pm on 9 December 2020.

University policy regarding grades and grading systems is available at: [http://catalog.arizona.edu/policy-type/grade-policies](http://catalog.arizona.edu/policy-type/grade-policies)

**Incomplete (I) or Withdrawal (W):**
Requests for incomplete (I) or withdrawal (W) must be made in accordance with University policies, which are available at [http://catalog.arizona.edu/policy/grades-and-grading-system#incomplete](http://catalog.arizona.edu/policy/grades-and-grading-system#incomplete) and [http://catalog.arizona.edu/policy/grades-and-grading-system#Withdrawal](http://catalog.arizona.edu/policy/grades-and-grading-system#Withdrawal) respectively.

**Course Schedule:**

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Leader/Lecturer</th>
<th>Module</th>
<th>Title</th>
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<tbody>
<tr>
<td>1</td>
<td>08/26/2020</td>
<td>Dr. Furlong</td>
<td></td>
<td>Introductions</td>
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<tr>
<td>2</td>
<td>09/02/2020</td>
<td>Dr. Furlong</td>
<td>Career</td>
<td>Preparing for your future: Academia, Non-Profits, Govt, and Industry Work</td>
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<tr>
<td>3</td>
<td>09/09/2020</td>
<td>College wide seminar</td>
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<td></td>
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<td>4</td>
<td>09/16/2020</td>
<td>Modhi Alshammari</td>
<td>Research</td>
<td>TBD</td>
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<td>5</td>
<td>09/23/2020</td>
<td>Panel: Derek Koller, Catalina Fernandez, Kerton Victory</td>
<td>Career</td>
<td>Alumni Panel</td>
</tr>
<tr>
<td>6</td>
<td>09/30/2020</td>
<td>Dave Campos, Raytheon</td>
<td>Career</td>
<td>Guest Speaker, EOH hiring</td>
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<tr>
<td>7</td>
<td>10/7/2020</td>
<td>Dr. Ornelas Horne, USC</td>
<td>EJ/BLM</td>
<td>Environmental Justice</td>
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<td>8</td>
<td>10/14/2020</td>
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<td>College wide seminar</td>
<td>College wide seminar</td>
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<td>9</td>
<td>10/21/2020</td>
<td>Harrison Schmitt</td>
<td>EJ/BLM</td>
<td>A Social Psychology Perspective on EJ</td>
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<td>10</td>
<td>10/28/2020</td>
<td>Dr. Nolan Cabrera (Tentative)</td>
<td>EJ/BLM</td>
<td>Structural Racism in Academia</td>
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<tr>
<td>11</td>
<td>11/04/2020</td>
<td>Kim Parra</td>
<td>Research</td>
<td>COVID-19 in Farmworkers</td>
</tr>
<tr>
<td>12</td>
<td>11/11/2020</td>
<td>VETERANS DAY NO CLASSES</td>
<td></td>
<td>VETERANS DAY NO CLASSES</td>
</tr>
<tr>
<td>13</td>
<td>11/18/2020</td>
<td>College wide seminar</td>
<td></td>
<td>College wide seminar</td>
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<tr>
<td>14</td>
<td>11/25/2020</td>
<td>Dr. Humberto Parada, SDSU</td>
<td>Research</td>
<td>TBD</td>
</tr>
<tr>
<td>15</td>
<td>12/2/2020</td>
<td>College wide seminar</td>
<td>College Wide Seminar</td>
<td>College Wide Seminar</td>
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<tr>
<td>16</td>
<td>12/9/2020</td>
<td>Dr. Laura McGuinn, Mount Sinai, &amp; Dr. Furlong</td>
<td>Research</td>
<td>TBD &amp; Wrap-Up</td>
</tr>
</tbody>
</table>

**Classroom Behavior Policy:** (In-person classes only) To foster a positive learning environment, students and instructors have a shared responsibility. We want a safe, welcoming, and inclusive environment where all of us feel comfortable with each other and where we can challenge ourselves to succeed. To that end, our focus is on the tasks at hand and not on extraneous activities (e.g., texting, chatting, reading a newspaper, making phone calls, web surfing, etc.).

**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](https://www.registrar.arizona.edu/personal-information/official-student-email-policy-use-email-official-correspondence-students)

**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 campuses and in its vehicles. The official policy can be found at: [http://policy.arizona.edu/ethics-and-conduct/smoking-and-tobacco-policy](http://policy.arizona.edu/ethics-and-conduct/smoking-and-tobacco-policy)

Rev. August 18, 2020
University-wide Policies link:
Links to the following UA policies are provided here: https://academicaffairs.arizona.edu/syllabus-policies

- Absence and Class Participation Policies
- Threatening Behavior Policy
- Accessibility and Accommodations Policy
- Code of Academic Integrity
- Nondiscrimination and Anti-Harassment Policy
- Subject to Change Statement

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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.

COVID-SPECIFIC NOTES:

This class is scheduled to be taught in the FLEX IN-PERSON modality.

- Face coverings are required in our classroom: Per UArizona’s Administrative Directive, face coverings that cover the nose, mouth, and chin are required to be worn in all learning spaces at the University of Arizona (e.g., in classrooms, laboratories and studios). Any student who violates this directive will be asked to immediately leave the learning space, and will be allowed to return only when they are wearing a face covering. Subsequent episodes of noncompliance will result in a Student Code of Conduct complaint being filed with the Dean of Students Office, which may result in sanctions being applied. The student will not be able to return to the learning space until the matter is resolved.

- Physical distancing is required in our classroom: During our in-person class meetings, we will respect CDC guidelines, including restricted seating to increase physical distancing and appropriately-worn face coverings. Per UArizona’s Administrative Directive, face coverings that cover the nose, mouth, and chin are required to be worn in all learning spaces at the University of Arizona (e.g., in classrooms, laboratories and studios). Any student who violates this directive will be asked to immediately leave the learning space, and will be allowed to return only when they are wearing a face covering. If a student refuses to leave, that day’s class will be disbanded. Subsequent episodes of noncompliance will result in a Student Code of Conduct complaint being filed with the Dean of Students Office, which may result in sanctions being applied. The student will not be able to return to the learning space until the matter is resolved.
  - The Disability Resource Center is available to explore face coverings and accessibility considerations if you believe that your disability or medical condition precludes you from...
utilizing any face covering or mask option. DRC will explore the range of potential options as well as remote course offerings. Should DRC determine an accommodation to this directive is reasonable, DRC will communicate this accommodation with your instructor.

- **Classroom attendance:**
  - If you feel sick, or may have been in contact with someone who is infectious, stay home. Except for seeking medical care, avoid contact with others and do not travel.
  - Notify your instructors if you will be missing an in person or online course.
  - Campus Health is testing for COVID-19. Please call (520) 621-9202 before you visit in person.
  - Visit the UArizona COVID-19 page for regular updates.

- **Academic advising:** If you have questions about your academic progress this semester, or your chosen degree program, please note that advisors at the Advising Resource Center can guide you toward university resources to help you succeed.

- **Life challenges:** If you are experiencing unexpected barriers to your success in your courses, please note the Dean of Students Office is a central support resource for all students and may be helpful. The Dean of Students Office can be reached at 520-621-2057 or DOS-deanofstudents@email.arizona.edu.

- **Physical and mental-health challenges:** If you are facing physical or mental health challenges this semester, please note that Campus Health provides quality medical and mental health care. For medical appointments, call (520-621-9202. For After Hours care, call (520) 570-7898. For the Counseling & Psych Services (CAPS) 24/7 hotline, call (520) 621-3334.

- **Exams:** There are no exams in EHS 696

- **Equipment and software requirements:** For this class you will need daily access to the following hardware: laptop or web-enabled device with webcam and microphone; regular access to reliable internet signal

- **Remain flexible:** After returning to in-person, if pandemic conditions warrant, the University may require that we return to remote operations. If that is the case, we will notify you by D2L Announcement and email that we are moving to remote operations.

- **Remote / online only after Thanksgiving:** After the Thanksgiving holiday, we are scheduled to move to remote teaching. That means that the final seminars will be via zoom.

- **Class Recordings:** Sessions will not be recorded, but will be available live online at the same time when classes are in-person.