

ENV H 591 A Wi 22: Current Topics In Toxicology

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Instructor: Zhengui Xia, Professor

Email: zxia@uw.edu

Day/Time: Thursdays, 1:30-3:20

Mode of Instruction: hybrid, online and Meet in person SOCC 348, and T360 starting Feb 24

Join zoom when you are presenting: <https://washington.zoom.us/j/91443692196>
(<https://washington.zoom.us/j/91443692196>)

Office Hours: By arrangement

Grading: 2 Credits, graded

Course Description: Critical reading and presentation of selected basic and research publications on Toxicology and related Health Science fields. Constructive feed backs will be provided. The readings will reflect a variety of study types, focusing on major current developments in Toxicology and Health Sciences, including some recent publications from graduate students in our own program. The first class will be an introduction to the field, and involve instruction on critical reading of scientific papers, how to prepare a presentation, style of presentation, and key elements of good scientific writing. Students will then read and critically review selected articles every week. Each student is expected to present one selected article. Students are also expected to participate in group-discussions and provide constructive comments and feed backs on fellow students' presentations.

Learning Objectives: At the end of this course, the student should be able to:

1. Demonstrate skills in reading and critically evaluating professional journal articles in the toxicological sciences and related Health Sciences
2. Demonstrate skills to integrate different research areas in the field of Toxicology and related Health Sciences
3. Demonstrate critical thinking skills about both the content of scientific readings and the larger context in which those readings exist
4. Demonstrate an ability to effectively deliver an oral and electronic (e.g. power point) summary of toxicology research articles
5. Demonstrate ability to participate in small group discussions
6. Demonstrate skills in critiquing peer presentations in a constructive way

Course Requirements:

1. Attend classes every week

2. Read and critique the selected readings before assigned class sessions
3. Actively participate in classroom discussions
4. Identify and formally present one research article of your choice
5. Provide constructive feedback for fellow students on their presentations

Grading:

One formal presentation: 100%

or

2 Formal Presentations (if you prefer): 50 each x 2 = 100%

Readings: No required text. Articles will be identified and distributed by presenters each week. Please submit your articles to be presented via the Canvas site at least 1 week in advance.

COVID-related expectations

Per UW policy, this class will be conducted in person. Therefore, unless you meet the criteria for an accommodation from Disability Resources for Students (DRS) or a special arrangement approved by the SPH Office of the Dean that allows you to take the course remotely [[see student communications here](https://sph.washington.edu/sites/default/files/2021-08/UWSPH_RTC_Student-Email.pdf)] (https://sph.washington.edu/sites/default/files/2021-08/UWSPH_RTC_Student-Email.pdf) you should only register for this class if you can attend in-person.

- Please contact UW Disability Resources for Students (DRS) directly if you feel you may be eligible for an accommodation based on your status as an immunocompromised individual or based on other diagnosed physical or mental health conditions that might prevent you from being able to take classes in-person.
- If you are a student enrolled in a program in SPH, and you are either living with an individual who is immunocompromised, OR you are unable to obtain a visa to travel to the US, you may be eligible for a “special arrangement” that will allow you to take this course remotely. Requests for special arrangements to take the class remotely should have been submitted to and approved by the Students and Academic Services team in the Office of the Dean before the beginning of the quarter. If you have questions about this type of arrangement, please reach out to Student and Academic Services by email at sphas@uw.edu (<mailto:sphas@uw.edu>).

All UW students are expected to complete their [vaccine attestation](#) (<https://www.washington.edu/coronavirus/vaccination-requirement/>) before arriving on campus and to follow the campus-wide face-covering policy at all times. You are expected to follow state, local, and UW COVID-19 policies and recommendations. If you feel ill or exhibit possible COVID symptoms, you should not come to class. If you need to temporarily quarantine or isolate per CDC guidance and/or [campus policy](#) (<https://www.washington.edu/coronavirus/2021/08/31/autumn-quarter-health-and-safety-measures-message-to-uw-personnel/>), you are responsible for notifying your instructors as soon as possible by email. **If you receive a positive COVID-19 test result, you must report to campus Environmental Health & Safety (EH&S) by emailing covidehc@uw.edu (<mailto:covidehc@uw.edu>) or calling 206-626-3344.**

No food or drinks are allowed in the classroom.

Please check your email daily BEFORE coming to class. If we need to conduct class remotely because the instructor or a guest speaker is complying with UW policies and unable to attend in person, we will send all registered students an email with a Zoom link for remote instruction. Thank you for your patience and support as we all transition together back to in-person learning!

Absence Policy

Valid excuses for missing class include a) participation in an official school activity (e.g., athletic event) or b) illness. All other situations will be handled on a case-by-case basis. If the absence is planned, a written notice (via email) must be submitted to the instructors no less than one week prior to the discussion session (earlier is better). If the absence is unforeseen, a written explanation (via email) must be submitted within one week of returning to school, preferably the same day before class.

Access and Accommodations

Your experience in this class is important to me. If you have already established accommodations with Disability Resources for Students (DRS), please communicate your approved accommodations to me at your earliest convenience so we can discuss your needs in this course.

If you have not yet established services through DRS, but have a temporary health condition or permanent disability that requires accommodations (conditions include but not limited to; mental health, attention-related, learning, vision, hearing, physical or health impacts), you are welcome to contact DRS at 206-543-8924 or uwdrs@uw.edu (<mailto:uwdrs@uw.edu>) or visit the website:

<http://depts.washington.edu/uwdrs/> ([Links to an external site.](#))

(<http://depts.washington.edu/uwdrs/>). DRS offers resources and coordinates reasonable accommodations for students with disabilities and/or temporary health conditions. Reasonable

accommodations are established through an interactive process between you, your instructor(s) and DRS. It is the policy and practice of the University of Washington to create inclusive and accessible learning environments consistent with federal and state law.

Religious Accommodations

Washington state law requires that UW develop a policy for accommodation of student absences or significant hardship due to reasons of faith or conscience, or for organized religious activities. The UW's policy, including more information about how to request an accommodation, is available at [Religious Accommodations Policy \(Links to an external site.\)](#)

[\(https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/\)](https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/). Accommodations must be requested within the first two weeks of this course using [the Religious Accommodations Request form \(Links to an external site.\)](#) [\(https://registrar.washington.edu/students/religious-accommodations-request/\)](https://registrar.washington.edu/students/religious-accommodations-request/).

Academic Integrity

Students at the University of Washington (UW) are expected to maintain the highest standards of academic conduct, professional honesty, and personal integrity.

The UW School of Public Health (SPH) is committed to upholding standards of academic integrity consistent with the academic and professional communities of which it is a part. Plagiarism, cheating, and other misconduct are serious violations of the University of Washington Student Conduct Code (WAC 478-120). We expect you to know and follow the university's policies on cheating and plagiarism, and the SPH Academic Integrity Policy. Any suspected cases of academic misconduct will be handled according to University of Washington regulations. In addition to earning a grade of zero on the assignment or exam, all cases will be referred to the University Disciplinary Committee. For more information, see the [University of Washington Community Standards and Student Conduct website \(Links to an external site.\)](#) [\(https://www.washington.edu/cssc/\)](https://www.washington.edu/cssc/).

Diversity and Inclusion

The UW School of Public Health seeks to ensure all students are fully included in each course. We strive to create an environment that reflects community and mutual caring. Diverse backgrounds, embodiments, and experiences are essential to the critical thinking endeavor at the heart of university education. Therefore, I expect you to follow the UW Student Conduct Code in your interactions with your colleagues and me in this course by respecting the many social and cultural differences among us, which may include, but are not limited to: age, cultural background, disability, ethnicity, family status, gender identity and presentation, citizenship and immigration status, national origin, race, religious and political beliefs, sex, sexual orientation, socioeconomic status, and veteran status. Please talk with me right away if you experience disrespect in this class, and I will work to address it in an educational manner. [DCinfo@uw.edu \(mailto:DCinfo@uw.edu\)](mailto:DCinfo@uw.edu) is a resource for students with classroom climate concerns.

SPH LAND ACKNOWLEDGMENT

The University of Washington acknowledges the Coast Salish people of this land, the land which touches the shared waters of all tribes and bands within the Duwamish, Suquamish, Tulalip and Muckleshoot nations.

Course Summary:

Date	Details	Due
Thu Jan 6, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology (https://canvas.uw.edu/calendar?event_id=2430345&include_contexts=course_1515851)	1:30pm to 3:30pm
	 sign up sheet	to do: 11:59pm
Thu Jan 13, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology (https://canvas.uw.edu/calendar?event_id=2430346&include_contexts=course_1515851)	1:30pm to 3:30pm
	 Week 2 Peer Review (Joe Lim #1) (https://canvas.uw.edu/courses/1515851/assignments/7001162)	due by 11:59pm
Mon Jan 17, 2022	 Week 2 Peer Review (Kennedy Kirk #1) (https://canvas.uw.edu/courses/1515851/assignments/7036922)	due by 11:59pm
	 Week 2 Peer Review (Sarah Kim #1) (https://canvas.uw.edu/courses/1515851/assignments/7026255)	due by 11:59pm
Thu Jan 20, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology (https://canvas.uw.edu/calendar?event_id=2430347&include_contexts=course_1515851)	1:30pm to 3:30pm
Mon Jan 24, 2022	 Week 3 Peer Review (Jordan Livesay #1) (https://canvas.uw.edu/courses/1515851/assignments/7019723)	due by 11:59pm

Date	Details	Due
Thu Jan 27, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology https://canvas.uw.edu/calendar?event_id=2430348&include_contexts=course_1515851	1:30pm to 3:30pm
Mon Jan 31, 2022	 Week 4 Peer Review (Karley Johnson #1) https://canvas.uw.edu/courses/1515851/assignments/7037025	due by 11:59pm
Thu Feb 3, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology https://canvas.uw.edu/calendar?event_id=2430349&include_contexts=course_1515851	1:30pm to 3:30pm
Mon Feb 7, 2022	 Week 5 Peer Review (Everetta Rasyid #1) https://canvas.uw.edu/courses/1515851/assignments/7037254	due by 11:59pm
Thu Feb 10, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology https://canvas.uw.edu/calendar?event_id=2430350&include_contexts=course_1515851	1:30pm to 3:30pm
Mon Feb 14, 2022	 Week 10 Peer Review https://canvas.uw.edu/courses/1515851/assignments/7020193	due by 11:59pm
Mon Feb 14, 2022	 Week 6 Peer Review (Lizi Rott #2) https://canvas.uw.edu/courses/1515851/assignments/7037297	due by 11:59pm
Thu Feb 17, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology https://canvas.uw.edu/calendar?event_id=2430351&include_contexts=course_1515851	1:30pm to 3:30pm
Mon Feb 21, 2022	 Week 6 Peer Review (Elijah Jung #1) https://canvas.uw.edu/courses/1515851/assignments/7037315	due by 11:59pm
Mon Feb 21, 2022	 Week 7 Peer Review (Aaron Bentson-Royal #1) https://canvas.uw.edu/courses/1515851/assignments/7037311	due by 11:59pm

Date	Details	Due
Thu Feb 24, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology https://canvas.uw.edu/calendar?event_id=2430352&include_contexts=course_1515851	1:30pm to 3:30pm
Mon Feb 28, 2022	 Week 8 Peer Review (Tommy Dugan #1) https://canvas.uw.edu/courses/1515851/assignments/7037331	due by 11:59pm
Mon Feb 28, 2022	 Week 8 Peer Review (Youjun Suh #1) https://canvas.uw.edu/courses/1515851/assignments/7020137	due by 11:59pm
Thu Mar 3, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology https://canvas.uw.edu/calendar?event_id=2430353&include_contexts=course_1515851	1:30pm to 3:30pm
Mon Mar 7, 2022	 Week 9 Peer Review (Dawn Johnston #1) https://canvas.uw.edu/courses/1515851/assignments/7037348	due by 11:59pm
Mon Mar 7, 2022	 Week 9 Peer Review (Kyle Kim Presentation and Proposal) https://canvas.uw.edu/courses/1515851/assignments/7020190	due by 11:59pm
Thu Mar 10, 2022	 ENV H 591 A Wi 22: Current Topics In Toxicology https://canvas.uw.edu/calendar?event_id=2430354&include_contexts=course_1515851	1:30pm to 3:30pm