

Dr. Kanarek

180 Science Hall

April 3, 2019

1:00-2:15 Tu, Th

PHS/Env St 502: Air Pollution and Human Health

3 Credits

Semester I, Fall 2019 Schedule.

- Th Sept 5 Orientation -- format, grading, books: History of air pollution problem -- The Disasters
- Tu Sept 10 Risk Assessment (Concepts of Health and Disease: Toxicology)
- Th Sept 12 Epidemiology
- Tu Sept 17 Lungs--Anatomy, Physiology, Pathology, Defenses + Occupational Air Pollutants (**G. DoPico** Med)
- Th Sept 19 Mercury
- Tu Sept 24 Lead (**N. Stanton**, SLH)
- Th Sept 26 Cigarette Smoking: Health Effects Studies
- Tu Oct 1 Cigarette Smoking: Indoor Air (**P. Remington**, PHS)
- Th Oct 3 Vaping, Marijuana, Tobacco Free Campus, Survey of Air Pollutants
- Tu Oct 8 Particulates (**J. Schauer**, Env. Chem)
- Th Oct 10 Sox + Ambient Death
- Tu Oct 15 Ozone Hole(s) + Health Effects of Ground level Ozone
- Th Oct 17 Asbestos (**H. Anderson**, PHS)
- Tu Oct 22 EXAM I
- Th Oct 24 Ionizing Radiation

Tu Oct 29 EMF +Cellphones

Th Oct 31 Global Climate Change (**J Patz**, PHS + Nelson)

Tu Nov 5 Movie: "Before the Flood" (**Leo DiCaprio**)

Th Nov 7 Indoor Air Pollution Overview

Tu Nov 12 Asthma (C. **Tomasallo**, DHS)

Th Nov 14 Indoor Air Investigations (J **Morrison**, UW-Health)

Tu Nov 19 Monitoring (J. **Treutel**, DNR)

Th Nov 21 Control Technology (S. **Dunn**, Alliant)

Tu Nov 26 3rd World Indoor Air Pollution (V. **Limaye**, EPA)

Tu Dec 3 Legislation, Courts, Ethics

Th Dec 5 Air Pollution Policy (**D. Bizot** DNR)

Tu Dec 10 **Exam II**

Course notes and readings Learn@UW

5 page paper due on Dec. 10