

Dr. Kanarek

180 Science Hall

4/13//2017

1:00-2:15 Tu, Th

PHS/Env St 502: Air Pollution and Human Health

3 Credits

Semester I, Fall 2017 Schedule.

Th Sept 7 Orientation -- format, grading, books: History of air pollution problem -- The Disasters

Tu Sept 12 Lungs--Anatomy, Physiology, Pathology, Defenses + Occupational Air Pollutants (**G. DoPico** Med)

Th Sept 14 Risk Assessment (Concepts of Health and Disease: Toxicology)

Tu Sept 19 Epidemiology

Th Sept 21 Lead

Tu Sept 26 Mercury

Th Sept 28 Cigarette Smoking: Health Effects Studies

Tu Oct 3 Cigarette Smoking: Indoor Air (**P. Remington**, PHS)

Th Oct 5 Vaping, Marijuana, Tobacco Free Campus, Survey of Air Pollutants

Tu Oct 10 Asbestos (Dr. H. **Anderson**, PHS)

Th Oct 12 Sox + Ambient Death

Tu Oct 17 Ozone Hole(s) + Health Effects of Ground level Ozone

Th Oct 19 3rd World Indoor Air Pollution (V. Limaye, EPA)

Tu Oct 24 EXAM I

Th Oct 26 Indoor Air Pollution Overview

Tu Oct 31 Particulates (**J. Schauer**, Env. Chem POPS)

Th Nov 2 Global Climate Change (**J Patz**, PHS + Nelson)

Tu Nov 7 Movie: "Before the Flood" (Leo DiCaprio)

Th Nov 9 Indoor Air Investigations (J. **Morrison**, UW-Health)

Tu Nov 14 Asthma (C. **Tomasallo**, DHS)

Th Nov 16 Ionizing Radiation

Tu Nov 21 EMF + Cellphones

Tu Nov 28 Legislation, Courts, Ethics

Th Nov 30 Monitoring (J. **Treutel**, DNR)

Tu Dec 5 Control Technology (S. **Dunn**, Alliant)

Th Dec 7 Air Pollution Policy (**D. Bizot** DNR)

Tu Dec 12 **Exam II**

Course notes and readings Learn@UW

5 page paper due on Dec. 12