Dr. Kanarek

3650 Humanities 9/3/2014

1:00-2:15 Tu, Th

**PHS/Env St 502: Air Pollution and Human Health**

3 Credits

Semester I, Fall 2014 Schedule

Tu Sept 2   Orientation -- format, grading, books, etc.
Th Sept 4   History of air pollution problem -- The Disasters
Tu Sept 9   Risk Assessment (Concepts of Health and Disease: Toxicology)
Th Sept 11  Lungs--Anatomy, Physiology, Pathology, Defenses + Occupational Air Pollutants (G. doPico, Med)
Tu Sept 16  Epidemiology + Overview of Outdoor Air Pollutants
Th Sept 18  Meteorology + Fracking
Tu Sept 23  Lead
Th Sept 25  Cigarette Smoking: Health Effects Studies
Tu Sept 30  Cigarette Smoking: Determinants (P. Remington, PHS)
Th Oct 2   Tobacco Free Campus
Tu Oct 7   Asbestos (Dr. H. Anderson, DHS)
Th Oct 9   SOx
Tu Oct 14  Ozone Hole(s) + Health Effects of Ground level
Th Oct 16  Particulates (J. Schauer, Env. Chem)
Tu Oct 21  EXAM I
Th Oct 23  Global Climate Change (J Patz, PHS + Nelson)
Tu Oct 28  Citizens Climate Lobby  (D. Smith)
Th Oct 30  Indoor Air Pollution Overview
Tu Nov  4  POPS
Th Nov  6  Mercury
Tu Nov 11  Asthma (C. Tomasallo, DHS)
Th Nov 13  Indoor Air Investigations (J. Morrison, Safety)
Tu Nov 18  Ionizing Radiation
Th Nov 20  EMF + Cellphones
Tu Nov 25  Monitoring (M. Allen, DNR)
Tu Dec  2  Legislation, the Courts, Economics; the Automobile, Energy
Th Dec  4  Control Technology (S. Dunn, DNR)
Tu Dec  9  Air Pollution Policy (A. Stewart DNR)
Th Dec 11  Exam II

Course notes and readings Learn@UW

5 page paper due on Dec. 11