Dr. Kanarek

145 Birge Hall

1:00-2:15 Tu, Th

PHS/Env St 502: Air Pollution and Human Health

3 Credits

Semester I, Fall 2013 Schedule

Tu Sept 3  Orientation -- format, grading, books, etc.
Th Sept 5  History of air pollution problem -- The Disasters
Tu Sept 10 Risk Assessment (Concepts of Health and Disease: Toxicology)
Th Sept 12 Lungs--Anatomy, Physiology, Pathology, Defenses + Occupational Air Pollutants (. G. doPico, Med)
Tu Sept 17 Epidemiology + Overview of Outdoor Air Pollutants
Th Sept 19 Meteorology + Fracking
Tu Sept 24 Lead
Th Sept 26 Cigarette Smoking: Health Effects Studies
Tu Oct 1  Cigarette Smoking: Determinants (P. Remington, PHS)
Th Oct 3  Particulates (J. Schauer, Env. Chem)
Tu Oct 8  Asbestos (Dr. H. Anderson, DHS)
Th Oct 10 SOx + Ambient air and Lung cancer
Tu Oct 15 Ozone
Th Oct 17 Fracking + Review + Warfare (if time)
Tu Oct 22 EXAM I
Th Oct 24 Global Climate Change (J Patz, PHS + Nelson)
Tu Oct 29  Indoor Air Pollution Overview
Th Oct 31  POPS
Tu Nov 5  Woodburning, Dioxin, Sandy etc.
Th Nov 7  Mercury
Tu Nov 12  Asthma (C. Tomasallo, DHS)
Th Nov 14  Indoor Air Investigations (J. Morrison, Safety)
Tu Nov 19  Ionizing Radiation
Th Nov 21  EMF + Cellphones
Tu Nov 26  Monitoring (M. Allen, DNR)
Tu Dec 3  Legislation, the Courts, Economics; the Automobile, Energy
Th Dec 5  Control Technology (S. Dunn, DNR)
Tu Dec 10  Air Pollution Policy (A. Stewart DNR)
Th Dec 12  Exam II

Course notes and readings Learn@UW

5 page paper due on Dec. 12