

Dr. Kanarek

4/3/2008

175 Science Hall 1:00-2:15 Tu, Th

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

3 Credits

Semester I, 2008 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: Tox, Epi)
- Th Sept 11 Overview of Air Pollutants and Health-- Compounds and Sources
- Tu Sept 16 Lead
- Th Sept 18 Asbestos (Dr. H. **Anderson**, DHFS)
- Tu Sept 23 Meteorology (Prof. **P. Wang**, Atmos. Oc. Sci)
- Th Sept 25 Lungs--Anatomy, Physiology, Pathology, Defenses (Prof. **G. doPico**)
- Tu Sept 30 Cigarette Smoking: Health Effects
- Th Oct 2 Cigarette Smoking: Determinants (Prof. **P. Remington**, Pop Health)
- Tu Oct 7 Particulates (**J. Schauer**, Env. Chem)
- Th Oct 9 Occupational Air Pollutants (Dr. **doPico**, Medicine)
- Tu Oct 14 Ozone Health Effects
- Th Oct 16 Stratospheric Ozone Depletion (**L. Green**, DNR)
- Tu Oct 21 EXAM I
- Th Oct 23 Sulfur Oxides
- Tu Oct 28 Indoor Air Pollution Overview

- Th Oct 30      Asthma (C. **Rameker**, DHFS)
- Tu Nov 4        Electromagnetic Fields, Woodburning
- Th Nov 6        Indoor Air Investigations (J. **Morrison**, DHFS)
- Tu Nov 11       Indoor Air: Measurement and Walkthrough (Dr. D. **Tompkins**)
- Th Nov 13       Radiation
- Tu Nov 18       Mercury
- Th Nov 20       Monitoring (M. **Allen**, DNR)
- Tu Nov 25       Global Climate Change (J. **Patz**, GNIES and PHS)
- Tu Dec 2        Legislation, the Courts, Economics
- Th Dec 4        Control Technology (S. **Dunn**, DNR)
- Tu Dec 9        Clean Air Act (L. **Eagan**, DNR)
- Th Dec 11       **Exam II**

Course notes and readings Learn@UW

5 page paper due on Dec. 11