

**EVE 486
Public Health**

Homework #3

Due: 13 September, 2019

1. For each of the following substances, provide (a) an adverse health effect, (b) a common product that uses/includes the chemical, or an emission source from where it's produced, and (c) primary route(s) of entry (inhalation, ingestion, skin absorption):

Asbestos	Radon	Benzene	Cadmium	Lead
Mercury	CO	Nitrates	CS ₂	Arsenic
Cyanide	PCBs	Nickel	Chromium	CCl ₄

2. What is the most toxic substance with which you routinely come in contact? Discuss it in view of its (a) exposure pathway(s), (b) typical concentration/amount, (c) translocation, (d) metabolism, (e) excretion pathway(s), and (f) laboratory testing results.
3. Find one plant and one animal toxin that we did not discuss in class. Provide a general overview of each toxin.