

Yale SCHOOL OF PUBLIC HEALTH

Environmental Health Sciences

SEMINAR

Ambient Particle Radioactivity Exposure Assessment and Health Effects



Petros Koutrakis, PhD

Professor

Environmental Health Sciences

Harvard School of Public Health

Dr. Koutrakis' research activities focus on the development of human exposure measurement techniques and the investigation of sources, transport, and the fate of air pollutants. In collaboration with his colleagues in the Environmental Chemistry Laboratory, he has developed ambient particle concentrators and high-volume samplers that can be used to conduct human and animal inhalation studies. He has also developed a personal ozone monitor, a continuous fine particle measurement technique and several other sampling methods for a variety of gaseous and particulate air pollutants. These novel techniques have been used extensively by air pollution scientists and human exposure assessors in USA and worldwide. Dr. Koutrakis has conducted a number of comprehensive air pollution studies in USA, Canada, Spain, Chile, Kuwait, Cyprus and Greece that investigate the extent of human exposures to gaseous and particulate air pollutants. Other research interests include the assessment of particulate matter exposures and their effects on the cardiac and pulmonary health. Dr. Koutrakis is the Head of the Exposure, Epidemiology and Risk Program and the Director of the EPA/Harvard University Center for Ambient Particle Health Effects. Dr. Koutrakis is a member of national and international committees and the past Technical Editor-in-Chief of the Journal of the Air & Waste Management Association. He has published over 170 peer reviewed papers in the areas of air quality, exposure and health effects assessment and instrumentation.

12:00 p.m. Wednesday, November 6, 2019

LEPH 101, 60 College Street

Pizza lunch will be served upon entering the seminar

EHS students meet 1-2pm LEPH 513