

2007 HEI Annual Conference: Final List of Posters

Poster session 1, Sunday April 15

ML Bell, F Dominici, K Ebisu, SL Zeger, and JM Samet

Spatial and Temporal Variation in PM_{2.5} Chemical Composition in the United States for Health Effects Studies.

DW Dockery, PG Goodman, L Clancy, DQ Rich, DJ Canning

Effect of Air Pollution Control on Mortality in Cork, Ireland.

JG Filser, W Kessler, and GA Csanády

Formation of Endogenous Low Molecular Weight Alkanes in Rats Under Hyperoxia.

FJ Kelly, HR Anderson, B Armstrong, R Atkinson, B Barratt, S Beevers, D Cook, R Derwent, S Duggan, D Green, IS Mudway, and P Wilkinson

Congestion Charging Scheme in London: Assessing its Impact on Air Quality.

FJ Kelly, HR Anderson, B Armstrong, R Atkinson, B Barratt, S Beevers, D Cook, R Derwent, D Green, IS Mudway, and P Wilkinson

The London Low Emission Zone Baseline Study.

M Kendall

Nanotoxicology of Fine PM.

AI Barakat, A Gojova, B Guo, and IM Kennedy

The Uptake of Ultrafine Particles by Vascular Endothelial Cells and Inflammation.

Y Liu, R Kahn, S Turquety, RM Yantosca, and P Koutrakis

* A Novel Method to Estimate PM_{2.5} Component Concentrations and Size Distributions Using Satellite Retrieved Fractional Aerosol Optical Depth.

IS Lighty, JOL Wendt, K Kelly, WW Li, J Staniswalis, J Sarnat, S Sarnat, F Holguin, and M Witten

A Planning Study to Investigate the Impacts of Dust and Vehicles on Acute Cardiorespiratory Responses in the Arid Southwest.

M Lippmann, LC Chen, T Gordon, K Ito, and GD Thurston

Characteristics of PM Associated with Health Effects.

MT Morandi, JF Dong, GL Delclos, M Radomski, R Delgado, J Wadia, and K Vershave

Mechanisms of PM-Associated Exacerbation of Endothelial Dysfunction.

RD Morgenstern, W Harrington, AJ Krupnick, M Bell, and J-S Shih

Accountability Analysis of Title IV of the 1990 Clean Air Act Amendments.

CW Noonan, TJ Ward, K Hooper, W Navidi, and L Sheppard

Effects On Indoor Air Following A Woodstove Changeout.

TR Nurkiewicz, DW Porter, AF Hubbs, L Millecchia, S Stone, BT Chen, D Frazer, and V Castranova

Microvascular Endothelium-Dependent Nitric Oxide Production is Attenuated After Inhalation of Ultrafine Particulate Matter.

JL Peel, M Klein, WD Flanders, JA Mulholland, and PE Tolbert

Impact of Improved Air Quality During the 1996 Atlanta Olympic Games on Multiple Cardiorespiratory Outcomes.

M Stölzel, S Breitner, J Cyrus, M Pitz, G Wölke, J. Heinrich, W Kreyling, H Küchenhoff, H-E Wichmann, and A Peters

Improved Air Quality and its Influences on Short-Term Health Effects in Erfurt, Eastern

Germany.

JE Repine, OK Reiss, AR Chughtai, and DM Smith

Toxicity of Inhaled Carbonaceous Particles Generated Under Low Air/Fuel Combustion Ratio.

D Ettehadieh, T Stoeger, and H Schulz

Systemic Effects of Inhaled Ultrafine Carbon Particles on the Progress of Inflammatory and Cardiovascular Diseases.

B Pun, C Seigneur, S-Y Chen, and M Sze

A Web-Based Database of Fine Particulate Matter and Related Data for Health Effects Studies.

S Vedal, L Sheppard, P Sampson, T Lumley, T Larson, Y Wang, J Kaufman, J Sullivan, C Simpson, J Mauderly, M Campen, and J McDonald

Integrated Epidemiological and Toxicological Cardiovascular Studies to Identify Toxic Components and Sources of Fine Particulate Matter.

CM Wong, A Rabl, TQ Thach, YK Chau, HK Lai, KP Chan, BC Cowling, TH Lam, SM McGhee, AJ Hedley, and HR Anderson

Impact of the 1990 Hong Kong Legislation for Restriction on Sulfur Content in Fuel.

Q Zhang, Y Mo, N Shah, and DJ Tollerud

Activation of Pulmonary Microvascular Endothelial Cells in Lungs Following Exposure to Ultrafine Particles.

Poster session 2, Monday April 16

K Balakrishnan, B Ganguli, S Gosh, S Sankar, and V Thanasekaraan

Developing Exposure-Response Functions for Air Pollutants from Time-Series Analyses - A Pilot Exercise in Chennai, India.

RMJ Beelen, G Hoek, PH Fischer, PA van den Brandt, RA Bausch-Goldbohm, LJ Schouten, and B Brunekreef

Long-Term Effects of Traffic-Related Air Pollution on Mortality in a Dutch Cohort Study (NLCS-AIR Study).

L Conner, H Richmond, B Hubbell, R Hetes, M Ross, K Walker, H Roman, P Kinney, and T Gettleman

* Expert Elicitation of Estimated Reductions in Mortality Associated with Lower Ambient Fine Particulate Matter Levels.

MM Finkelstein and M Jerrett

* A Study of the Relationships Between Parkinson's Disease and Markers of Traffic-Derived and Environmental Manganese Air Pollution in Two Canadian Cities.

H Kan, B Chen, SJ London, N Zhao, G Song, G Chen, L Jiang, and Y Zhang

A Time-Series Study of Ambient Air Pollution and Daily Mortality in Shanghai, China.

D Krewski, M Jerrett, RT Burnett, R Ma, E Hughes, Y Shi, MC Turner, CA Pope III, GD Thurston, EE Calle, and MJ Thun

Extended Follow-up of the American Cancer Society Study Linking Particulate Air Pollution and Mortality: Ecologic Covariates

R Kumar, JS Thakur, SPS Bhatia, SK Jindal, ML Garg, S Sharma, GPI Singh and HK Parwana

A Time-Series Study on the Relation of Air Pollution and Mortality in Ludhiana, India.

LK Baxter, JE Clougherty, CJ Paciorek, RJ Wright, and JL Levy

Predicting Residential Indoor Concentrations of Traffic-Related Air Pollutants Using GIS and Questionnaire Data: Findings and Implications for Epidemiology.

CJ Paciorek and Y Liu

Integrating Satellite and Monitoring Data to Retrospectively Estimate Monthly PM_{2.5} Concentrations in the Eastern United States.

Z Qian, Q He, HM Lin, L Kong, D Zhou, D Liao, W Liu, CM Bentley, J Dan, B Wang, N Yang, S Xu, J Gong, H Wei, H Sun, and Z Qin

Acute Health Effects of Ambient Air Pollution on Cause-Specific Mortality in a Furnace City of Wuhan, China.

J Robins

A New Approach To Semiparametric Regression in the Analysis of the Health Effects of Pollutants.

N Gouveia, L Cifuentes, A Ponce de Leon, L Carbajal, M Hurtado, and I Romieu

Multi-City Study of Air Pollution and Health Effects in Latin America Estudio de Salud y Contaminación del Aire en Latinoamérica ESCALA PROJECT.

JM Samet and K Katsouyanni

Air Pollution and Health: A Combined European and North American Approach (APHENA).

JJ Schauer, BJ Majestic, and MM Shafer

Oxidation-State Resolved Measurements in Transition Metals in Atmospheric Particulate Matter to Support Health Studies.

R Uma, KS Nairy, K Chhabra, GC Kilnani, RC Patnayak, M Seghal, and S Raghvan

Time Series Study on Air Pollution and Mortality in Delhi, India.

N Vichit-Vadakan, N Vajanapoom, and B Ostro

Estimating the Mortality Effects of Air Pollution in Bangkok, Thailand.

CM Wong, JSM Peiris, TQ Thach, PYK Chau, E Chan, R Chung, CQ Ou, L Yang, GN Thomas, TH Lam, TW Wong, and AJ Hedley

Interaction Between Air Pollution and Respiratory Viruses: Time-Series Studies for Daily Mortality and Hospital Admissions.

CM Wong on behalf of PAPA teams: Bangkok (N Vichit-Vadakan), Hong Kong (CM Wong), Shanghai (HD Kan), and Wuhan (Z Qian)

Public Health and Air Pollution in Asia (PAPA): A Multi-City Study for Short-Term Effects of Air Pollution on Mortality.

HEI Collaborative Working Group

Assessing the Relationship among Air Pollution, Poverty, and Health in Ho Chi Minh City

HEI Collaborative Working Group

Public Health and Air Pollution in Asia-*Science Access on the Net* (PAPA-SAN)

Poster session 3, Tuesday April 17

J Stihle, R Latimer, M Burgoyne, D Wanger, A Webster, GA Poskrebyshv, RD May, JA Moss, and MM Baum

Significance of Highly Toxic Secondary Emissions from On-Road Vehicles.

MT Borchers, N Harris, S Wesselkamper, M Sartor, B Eppert, and A Shukla

T Cell Regulation of Acrolein-Induced Pulmonary Inflammation and Epithelial Cell Pathology.

MJ Campen, T Knuckles, and AK Lund

Diesel-Induced Venous Congestion and Vasoconstriction: A Potential Link to Heart Failure Symptoms.

D Diaz-Sanchez, J Wayne Miller, William S Linn, Kenneth W Clark, David R Cocker III and H

Gong Jr
Phase II Enzyme Expression Correlates with Enhanced Inflammatory Airway and Immune Responses Following Inhalation of Diesel Exhaust.

EM Fujita, DE Campbell, and B Zielinska
Concentrations of Air Toxics in Motor Vehicle Dominated Microenvironments.

E Garshick, F Laden, JE Hart, ME Davis, and TJ Smith
* Trucking Industry Particulate Matter Exposures and Cause-Specific Mortality.

RM Harrison, S Harrad, S Vardoulakis, J-M Delgado, S Baker, C Meddings, N Aquilina, I Matthews, R Anderson, and B Armstrong
Measurement And Modelling Of Exposure To Air Toxic Concentrations For Health Effect Studies And Verification By Biomarker (MATCH Project).

MW Sivula, AJ Read, and SE Jordt
TRPA1 Channels in Airway Sensory Nerve Endings as Mediators of the Irritant Effects of Acrolein.

DL Laskin, R Laumbach, V Sunil, B Turpin, and G Mainelis
Design and Characterization of a Small Engine Diesel Exhaust Animal Exposure System for Studies to Assess Mechanisms Underlying Particulate Matter-Induced Toxicity in the Elderly.

PJ Lioy, Z Fan, J Zhang, P Georgopoulos, SW Wang, PA Ohman, JL Held, and LJ Bonanno
Personal Exposures to and Spatial Variations of Air Toxics in a “Hot Spot” in Camden, NJ.

Q Meng, M Tu, LC Hackfeld, and RP Hodge
Comparison of Cytotoxicity and Mutagenicity of Stereoisomers of 3-Epoxybutane-1, 2-Diol at Low Concentrations in TK6 Cells.

TJ Smith, ME Davis, J Hart, F Laden, and E Garshick
Air Toxics Hot Spots and Traffic Exposures.

CJ Tennant, BK Bailey, D Greenbaum, and J Warren
Status of the Advanced Collaborative Emissions Study (ACES).

VE Walker, N Tretyakova, R Loeber, S Park, J Wickliffe, DM Walker, SM Torres, MM Carter, CL McCash, G Boysen, NI Georgieva, BP Upton, and JA Swenberg
Induction of 1,2:3,4-Diepoxybutane-Specific Adducts and *Hprt* Mutations in Mice and Rats Exposed to 1,3-Butadiene.

J Zhang, JE McCreanor, MJ Nieuwenhuijsen, P Cullinan, KF Chung, P Ohman-Strickland, In-Kyu Han, and Lars Järup
Health Effects of Short-Term Exposure to Diesel Exhaust in Asthmatic Patients.

B Zielinska, S Samy, J McDonald, JC Seagrave, and K Wirtz
Atmospheric Transformations of Diesel Emissions.