

CURRICULUM VITAE

THOMAS H. STOCK

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PRESENT POSITION:

Associate Professor of Environmental Sciences
The University of Texas
School of Public Health
P.O. Box 20186
Houston, Texas 77225

EDUCATION:

THE UNIVERSITY OF TEXAS SCHOOL OF PUBLIC HEALTH

M.P.H. (December, 1979). Major emphasis in Industrial Hygiene and Toxicology.

CORNELL UNIVERSITY

Ph.D. (August, 1977)

M.S. (May, 1972)

Major Field: Biophysical Chemistry

Minor Fields: Physical Chemistry; Bio-organic Chemistry

VILLANOVA UNIVERSITY

B.S. (May, 1968). Chemistry.

EXPERIENCE:

Associate Professor of Environmental Sciences - The University of Texas School of Public

Revised 11/06

Health: 1988-present.

Research Assistant Professor of Environmental Sciences - The University of Texas School of Public Health: 1987 - 1988.

Assistant Professor of Environmental Sciences - The University of Texas School of Public Health: 1979-1987.

Faculty Associate in Environmental Sciences - The University of Texas School of Public Health: 1979.

NIOSH Post Doctoral Trainee - The University of Texas School of Public Health: 1978.

Research Fellow - Brandeis University, Department of Biochemistry: 1976.

Research Assistant - Cornell University, Department of Chemistry: 1972-75.

Teaching Assistant - Cornell University, Department of Chemistry: Academic years 1968-69 and 1970-71.

SERVICE:

Member, Committee D-22 (Sampling and Analysis of Atmospheres), American Society for Testing and Materials, 1985-Present.

Member, Subcommittee D22.05 (Indoor Air), American Society for Testing and Materials, 1985-Present.

Member, Indoor Environmental Quality Technical Committee, American Industrial Hygiene Association, 1985-1989.

Session Co-Chair (Indoor Pollutant Transport), Indoor Air 2005, Beijing, China.

Session Arranger and Session Chair (Indoor Air Quality), 1987 American Industrial Hygiene Conference, Montreal, Canada.

Member, Indoor Air Quality Technical Coordinating Committee, Air and Waste Management Association, 1982-1990.

Member, Bio-Medical Effects Technical Coordinating Committee, Air and Waste Management Association, 1984-1987.

Journal Peer Reviewer:

American Industrial Hygiene Association Journal
Journal of the Air and Waste Management Association
Environment International
Environmental Pollution
Environmental Health Perspectives
Journal of Agricultural and Food Chemistry
Indoor Air
Environmental Science and Technology
Journal of Exposure Science and Environmental Epidemiology
Journal of Occupational and Environmental Hygiene

Proposal Reviewer:

Moldovan-U.S. Bilateral Grants Program, U.S. Civilian Research and Development Foundation, 2001.
U.S. Environmental Protection Agency (Exploratory Research in Environmental Chemistry), 1998-1999.
Center for Indoor Air Research, 1989-1998.
National Institutes of Health, 1989.
National Science Foundation, 1984.

Invited Reviewer, papers submitted to Indoor Air 2005, Beijing, China.

Invited Member, Expert Review Panel, NHANES VOC Exposure Monitoring Workshop, National Center for Health Statistics, Hyattsville, MD, March, 2004.

Invited Reviewer, Project Final Report "Community-Specific Cumulative Exposure Assessment for Greenpoint/Williamsburg, New York," U.S. EPA Office of Policy, Economics and Innovation, July, 2003.

Member, Invited International Review Panel, Review of Draft Environmental Health Criteria Document on Human Exposure Assessment (WHO and NIHS [Japan]), Tokyo, July, 1996.

Member, Invited Review Panel, Residential Formaldehyde Testing Program (U.S. EPA), 1993.

Member, Invited Review Panel, Environmental Health Discipline Implementation Review for the Extended Duration Orbiter (NASA), 1993.

Member, Invited Review Panel, Environmental Health Requirements for the Extended Duration Orbiter (NASA), 1989.

Member, Invited Review Panel, Environmental Health Requirements for Space Station Freedom (NASA), 1989.

Member, Invited Review Panel, Nitrogen Oxides Criteria Document (U.S. EPA), 1989.

Member, Peer Review Pool, Atmospheric Research and Exposure Assessment Laboratory (U.S. EPA), 1988-Present.

Member, Invited Review Panel for U.S. EPA Program on Indoor Air Quality, December 8-9, 1983.

Witness, Airline Air Quality, U.S. Senate Committee on Commerce, Science, and Transportation, Subcommittee on Aviation, November 9, 1983.

Invited Testimony, Airline Air Quality, U.S. House of Representatives Committee on Public Works and Transportation, Subcommittee on Aviation, July 26, 1984.

Member, Mayor's Task Force on Health Effects of Air Pollution, 2005-2006.

Member, City of Houston Clean Air Working Group/ Houston Air Excellence and Leadership Program (supported by Office of the Mayor), 1997-1999.

Member, City of Houston Dept. of Health and Human Services, Smoking Ordinance Task Force, 1998.

Member, Vehicle Controls Subcommittee of the Regional Air Quality Planning Committee, Houston-Galveston Area Council, 1991-93.

Consultant, City of Houston CNG Fuel Vehicle Demonstration Project, 1990-93.

Member, Program Committee, APCA Workshop on Indoor Air Quality, Austin, Texas, February 18, 1986.

Member, Steering Committee, Texas Risk Communication Project, 1986-87.

Member, Environmental Health Committee, American Lung Association, Houston Region, 1986-1995, 1999-2004.

Volunteer Lecturer/Consultant, American Lung Association, Houston Region, 1984-1995.

Consultant, Airline Air Quality, Association of Flight Attendants, 1983-1984.

Consultant, Indoor Environment Research, Inc., 1982.

Member, Organizing Committee, Texas Public Health Association, Gulf Coast Region Annual Meeting, 1983.

Member, Chemical Safety Committee, The University of Texas Health Science Center at Houston, 1996-Present.

Member, Biohazards Committee, The University of Texas Health Science Center at Houston, 1993-1996.

Member, Indoor Air Quality Task Force, The University of Texas Health Science Center at Houston, 1990-1996.

Member, Study Committee on Risk Communication, Institute for Health Policy Education and Research, The University of Texas Health Science Center at Houston, 1988-90.

Member, Interfaculty Council, The University of Texas Health Science Center at Houston, 1989-91.

Proposal Reviewer, Pilot Projects Research Training Program, Southwest Center for Occupational and Environmental Health, The University of Texas School of Public Health, 2000-01.

Chair, Environmental Sciences Faculty Search Committee, The University of Texas School of Public Health, 2002.

Member, Faculty Handbook Committee, The University of Texas School of Public Health, 2002.

Member, Student Research Funds Review Committee, The University of Texas School of Public Health, 2002-2004.

Member, Six-Year Faculty Review Committee, The University of Texas School of Public Health, 2001.

Chair, Faculty Development Leave Committee, The University of Texas School of Public Health, 1990-91.

Chair, Faculty Peer Review Committee, The University of Texas School of Public Health, 1990-91.

Member, Financial Aid Committee, The University of Texas School of Public Health,

1985-1987.

Chair, Financial Aid Committee, The University of Texas School of Public Health, 1986-1987.

Member, Academic Affairs Committee, The University of Texas School of Public Health, 1992-93.

Member, Faculty Affairs Committee, The University of Texas School of Public Health, 1990-91.

Member, Faculty Standing Committee for Student Affairs, The University of Texas School of Public Health, 1986-88.

Convener, Occupational Health Module, The University of Texas School of Public Health, 1992-93.

Representative for Division of Environmental and Occupational Health Sciences, Admissions Committee, The University of Texas School of Public Health, 2004-2006.

Representative for Environmental Sciences Discipline, Admissions Committee, The University of Texas School of Public Health, 1991-97, 2003.

Representative for Environmental Sciences Discipline and Occupational Health Module, Admissions Committee, The University of Texas School of Public Health, 1980-82.

Member, Academic Programs Review Committee, Division of Environmental and Occupational Health Sciences, 2004-2005.

Member, Environmental Health Curriculum Development Committee, Baylor College of Medicine/University of Texas School of Medicine, 1980-1981.

Member, Environmental Sciences/Occupational Health Doctoral Advisory Examination Committee, 1981.

TEACHING:

Dean's Teaching Excellence List (1985-86).

Courses Taught:

Revised 11/06

The Air Environment (1987-Present)
Environmental Sampling and Analysis (1988-Present).
Industrial Hygiene Sampling and Analysis (1980-87)
Theory of Environmental Measurements (1983-87)

Courses Co-Taught:

Environmental Exposure Assessment (1990-1998)
Principles and Practice of Public Health (1994-98, 2002-Present)
Indoor Air Quality and Health, SWCOEH Spring Institute CE course (1992-1999)
The Bases of Community Health (1981-86)

Courses Lectured In:

Overview of Environmental Health (1982-2005)
Fundamentals of Industrial Hygiene (1986-Present)
The Air Environment (1980-85)
Chemical Contamination of the Environment (1982-92)
Theory of Environmental Measurements (1981-82)
Introduction to International Health (1983, 1985)
Medical Geography (1985)
Environmental Epidemiology (1997)
Statistical and Biological Considerations for Exposure Assessment (1998-99)
Occupational and Environmental Respiratory Disease (1995-98)
Environmental Health/Occupational Medicine
(Baylor/U.T. Medical Schools) (1983)

RESEARCH SUPPORT:

Co-Principal Investigator, Mickey Leland National Urban Air Toxics Research Center contract "Houston Exposure to Air Toxics Study (HEATS): Phase I," 2006-2007.

Co-Investigator, Mickey Leland National Urban Air Toxics Research Center contract "An Investigation of Key Determinants of Personal Exposure to Volatile Organic Compounds," 2006-2007.

Principal Investigator, U.S. EPA contract "Air Monitoring for Improving Environmental Quality through Collaboration" (subcontract with Mothers for Clean Air), 2005-2007.

Principal Investigator, U.S. EPA Region 6 contract "Hurricane Katrina OVM Monitoring

Project” (subcontract with Alion Science and Technology), 2005-2006.

Principal Investigator, City of Minneapolis contract “Air Toxics Monitoring Study,” 2005-2006.

Principal Investigator, Ysleta del Sur Pueblo/U.S. EPA contract “OVM Air Monitoring Study,” 2005-2006.

Co-Investigator, NIOSH (R01) grant, “A Validated Asthma Questionnaire for Healthcare Workers,” 2001-2005.

Co-Principal Investigator, U.S. EPA contract “Ambient Air Toxics in the Houston-Galveston Area with High and Low TRI Emissions – A Pilot Study of Temporal and Spatial Concentrations Using Passive Sampling Devices” (subcontract with Research Triangle Institute), 2001-2004.

Co-Investigator, Mickey Leland National Urban Air Toxics Research Center contract “Oxygenated Urban Air Toxics and Asthma Variability in Middle School Children: a Panel Study,” 2001-2004.

Co-Principal Investigator, Environmental and Occupational Health Sciences Institute contract “Quality Assurance/ Quality Control Analysis for NHANES,” 2001-2002.

Principal Investigator, Mickey Leland National Urban Air Toxics Research Center contract “Organic Vapor Monitor Storage Study,” 2002.

Co-Principal Investigator, Texas Children’s Hospital contract, “Environmental Sampling at Texas Children’s Hospital,” 2001.

Principal Investigator (subcontract), U.S. EPA grant “School-based Study of Complex Environmental Exposures and Related Health Effects in Children” (subcontract with the University of Minnesota School of Public Health), 1999-01.

Principal Investigator (subcontract), Legislative Commission on Minnesota Resources grant “School-based Study of Complex Environmental Exposures and Related Health Effects in Children” (supplementary subcontract with the University of Minnesota School of Public Health), 2000-01.

Co-Principal Investigator (subcontract), National Urban Air Toxics Research Center contract “Contributions of Outdoor Sources to Indoor Concentrations and Personal Exposures to Air Toxics” (subcontract with UMDNJ/Robert Wood Johnson Medical School), 1997-01.

Co-Principal Investigator (subcontract), Health Effects Institute contract “Personal and

Microenvironmental Measurements of Human Exposures to Multiple Aldehydes in Three Distinct Urban Areas” (subcontract with UMDNJ/Robert Wood Johnson Medical School), 1998-01.

Co-Principal Investigator (subcontract), Health Effects Institute contract “Contribution of Outdoor PM Sources to Indoor Concentrations and Personal Exposures: A Three-City Study” (subcontract with Rutgers University), 1998-01.

Principal Investigator (subcontract), U.S. EPA grant “Measurement and Source Apportionment of Human Exposures to Hazardous Air Pollutants in the Minneapolis-St. Paul Metropolitan Area” (subcontract with the Minnesota Pollution Control Agency), 1998-01.

Co-Principal Investigator, U.S. EPA contract “El Paso Indoor/Outdoor VOC Concentrations,” 1999-00.

Principal Investigator (subcontract), NIEHS grant “Human Sensitivity to Genotoxic Effects of Butadiene” (subcontract with University of Texas Medical Branch), 1999-01.

Principal Investigator (subcontract), NIEHS grant “Human Sensitivity to Genotoxic Effects of Butadiene” (subcontract with University of Texas Medical Branch), 1997-00.

Principle Investigator, National Urban Air Toxics Research Center contract “NHANES IV Pilot Study - Personal Exposure to Volatile Organic Compounds,” 1998.

Principal Investigator, U.S. EPA contract, “Relationship between PM 2.5 Ambient Monitoring Data and Estimated Group Mean Exposures,” 1998-99.

Co-Principal Investigator, National Urban Air Toxics Research Center contract “NUATRC Study of Personal Exposures to Toxic Air Pollutants,” 1994-96.

Principal Investigator, U.S. EPA contract "The Houston Asthma Study: A Reanalysis Using Cumulative Ozone Exposure Metrics," 1993-95.

Principal Investigator, The University of Texas School of Public Health Biomedical Research Support Grant "Evaluation of the Impact of Evaporative Air Coolers on Indoor Exposure to Ozone," 1992.

Co-Investigator, Agency for Toxic Substances and Disease Registry contract "Evaluation of the Health Assessment and Related Environmental Data for the Brio NPL Site," 1991-92.

Co-Investigator, Phillips 66 Co. contract "Feasibility Study of Epidemiologic Studies at the Phillips 66 Company Houston Chemical Complex," 1990-92.

Co-Investigator, Union Carbide Corp. contract "Characterization of Airborne Compounds Emanating from Wastewater Discharge and In-Plant Lagoons," 1989-90.

Co-Principal Investigator, PEI Associates subcontract (under U.S. EPA contract) "Preparation of Special Data Files for the National Exposure Model for Ozone," 1989.

Co-Investigator, GM/UAW National Joint Committee on Health and Safety contract "Solvent Exposures in Painting and Semiconductor Making" (Feasibility Phase), 1987-88.

Principal Investigator, U.S. EPA contract "Assessment of Determinants of Personal Exposure to Gaseous Combustion Pollutants," 1986-87.

Principal Investigator, U.S. EPA contract "Characterization of Indoor Microenvironmental Concentrations and Exposures to Respirable Particulate Matter," 1986-87.

Principal Investigator, U.S. EPA contract "Characterization of Indoor and Outdoor Residential Exposures to Gaseous Pollutants," 1986.

Co-Investigator, Texas Air Control Board contract "Statistical Model of Observed Health Indicators with a Set of Meteorological and Aerometric Variables," 1984-85.

Co-Investigator, Texas Air Control Board contract "Validation and Description of 1981 UTSPH Air Monitoring Data Set," 1984.

Principal Investigator, Texas Department of Labor and Standards Interagency Contract "Supplementary Indoor Air Quality Data Analysis," 1984.

Principal Investigator, Texas Department of Labor and Standards Interagency Contract "Investigation of Indoor Air Quality in Manufactured Housing - Field Studies," 1982-83.

Principal Investigator, EPA contract "An Evaluation of Step-Wise Modeling to Assess Air Pollutant Exposures for the 1981 Houston Health Effects Studies," 1982-1983.

Co-Investigator, EPA Cooperative Agreement "Health Effects of Air Pollution in the Texas Gulf Coast Area," 1980-85.

Co-Principal Investigator, The University of Texas School of Public Health Biomedical Research Support Grant "Houston Area Pilot Study of Indoor Pollution," 1980-82.

PROFESSIONAL SOCIETIES:

American Chemical Society
American Industrial Hygiene Association
American Conference of Governmental Industrial Hygienists
American Academy of Industrial Hygiene
American Society for Testing and Materials
Air and Waste Management Association
International Society for Exposure Analysis
International Society of Indoor Air Quality and Climate

CERTIFICATION:

Certified Industrial Hygienist (Comprehensive Practice), American Board of Industrial Hygiene, 1985-Present.

Sub-specialty certification in Indoor Environmental Quality, American Board of Industrial Hygiene, 1993-Present.

PUBLICATIONS:

Peer-Reviewed

J.F. Wojcik and T.H. Stock, "Aqueous Infrared Studies of the Pyridine Carboxylic Acids," Journal of Physical Chemistry 73, 2153 (1969).

T.H. Stock, "The Nonuniform Application of TLV's as Legal Workplace Standards," American Industrial Hygiene Association Journal 41, 226-228 (1980).

D.J. Kotchmar, T.H. Stock, A.H. Holguin, and P.A. Buffler, "Exposure Estimates for the Houston Area Asthma Study," Environmental Monitoring and Assessment 2, 129-138 (1982).

T.H. Stock, A.H. Holguin, B.J. Selwyn, B.P. Hsi, C.F. Contant, P.A. Buffler, and D.J. Kotchmar, "Exposure Estimates for the Houston Area Asthma and Runners Studies", In: Advances in Modern Environmental Toxicology, Vol. V, The Biomedical Effects of Ozone and Related Photochemical Oxidants, S.D. Lee, M.G. Mustafa, and M.A. Mehlman, Eds., Princeton Scientific Publishers, Inc., Princeton, New Jersey, 1983, pp. 539-548.

B.J. Selwyn, R.J. Hardy, T.H. Stock, and D.E. Jenkins, "Effects of Exposure to Air Pollution

on the Respiratory Function of Healthy Runners: Methods and Preliminary Findings", In: Advances in Modern Environmental Toxicology, Vol. V, The Biomedical Effects of Ozone and Related Photochemical Oxidants, S.D. Lee, M.G. Mustafa, and M.A. Mehlman, Eds., Princeton Scientific Publishers, Inc., Princeton, New Jersey, 1983, pp. 487-497.

T.H. Stock and S.R. Mendez, "A Survey of Typical Exposures to Formaldehyde in Houston Area Residences," American Industrial Hygiene Association Journal 46, 313-317 (1985).

D.L. Daggett and T.H. Stock, "An Investigation into the Storage Stability of Environmental Formaldehyde Samples," American Industrial Hygiene Association Journal 46, 497-504 (1985).

B.J. Selwyn, T.H. Stock, R.J. Hardy, F.A. Chan, D.E. Jenkins, D.J. Kotchmar, and R.S. Chapman, "Health Effects of Ambient Ozone Exposure in Vigorously Exercising Adults," In: Evaluation of the Scientific Basis for Ozone/Oxidants Standards, S.D. Lee, Ed., Air Pollution Control Association, Pittsburgh, Pennsylvania, 1985, pp. 281-296.

C.F. Contant, B.M. Gehan, T.H. Stock, A.H. Holguin, and P.A. Buffler, "Estimation of Individual Ozone Exposures Using Microenvironment Measurements," In: Evaluation of the Scientific Basis for Ozone/Oxidants Standards, S.D. Lee, Ed., Air Pollution Control Association, Pittsburgh, Pennsylvania, 1985, pp. 250-261.

A.H. Holguin, P.A. Buffler, C.F. Contant, T.H. Stock, D.J. Kotchmar, B.P. Hsi, D.E. Jenkins, B.M. Gehan, L.M. Noel, and M.M. Chin, "The Effects of Ozone on Asthmatics in the Houston Area," In: Evaluation of the Scientific Basis for Ozone/Oxidants Standards, S.D. Lee, Ed., Air Pollution Control Association, Pittsburgh, Pennsylvania, 1985, pp. 262-280.

T.H. Stock, D.J. Kotchmar, C.F. Contant, P.A. Buffler, A.H. Holguin, B.M. Gehan, and L.M. Noel, "The Estimation of Personal Exposures to Air Pollutants for a Community-Based Study of Health Effects in Asthmatics - Design and Results of Air Monitoring," Journal of the Air Pollution Control Association 35, 1266-1273 (1985).

T.H. Stock, "The Use of Detector Tube Humidity Limits," American Industrial Hygiene Association Journal 47, 241-244 (1986).

R.M. Monsen and T.H. Stock, "A Comparison of Formaldehyde Monitoring Methods for the Residential Environment," Journal of Environmental Health 49, 72-75 (1986).

Y.S. Kim and T.H. Stock, "House-Specific Characterization of Indoor and Outdoor Aerosols," Environment International 12, 75-92 (1986).

C.F. Contant, T.H. Stock, P.A. Buffler, A.H. Holguin, B.M. Gehan, and D.J. Kotchmar, "The

Estimation of Personal Exposures to Air Pollutants for a Community-Based Study of Health Effects in Asthmatics - Exposure Model," Journal of the Air Pollution Control Association 37, 587-594 (1987).

T.H. Stock, "Formaldehyde Concentrations Inside Conventional Housing," Journal of the Air Pollution Control Association 37 913-918 (1987).

M.T. Morandi, T.H. Stock, and C.F. Contant, "A Comparative Study of Respirable Particulate Microenvironmental Concentrations and Personal Exposures," Environmental Monitoring and Assessment 10, 105-122 (1988).

T.H. Stock and M.T. Morandi, "A Characterization of Indoor and Outdoor Microenvironmental Concentrations of Pollen and Spores in Two Houston Neighborhoods," Environment International 14, 1-9 (1988).

S.W. Beck and T.H. Stock, "An Evaluation of the Effect of Source and Concentration on Three Methods for the Measurement of Formaldehyde in Indoor Air", American Industrial Hygiene Association Journal 51, 14-22 (1990).

S.W. Beck, T.H. Stock, and L.W. Whitehead, "Improved Efficiency of Desorption of Oxygenated Solvents from Activated Charcoal Using a New Polar Additive to Carbon Disulfide," Applied Occupational and Environmental Hygiene 5, 171-177 (1990).

C.W. Chung, M.T. Morandi, T.H. Stock and M. Afshar, "Evaluation of a Passive Sampler for Volatile Organic Compounds at ppb Concentrations, Varying Temperatures and Humidities with 24-Hour Exposures. I. Description and Characterization of Exposure Chamber System," Environmental Science and Technology 33, 3661-3665 (1999).

C.W. Chung, M.T. Morandi, T.H. Stock and M. Afshar, "Evaluation of a Passive Sampler for Volatile Organic Compounds at ppb Concentrations, Varying Temperatures and Humidities with 24-Hour Exposures. II. Sampler Performance," Environmental Science and Technology 33, 3666-3671 (1999).

J.B. Ward, S.Z. Abdel-Rahman, R.F. Henderson, T.H. Stock, M. Morandi, J.I. Rosenblatt and M.M. Ammenheuser, "Assessment of Butadiene Exposure in Synthetic Rubber Manufacturing Workers in Texas Using Frequencies of *hprt* Mutant Lymphocytes as a Biomarker," Chemico-Biological Interactions 135-136, 465-483 (2001).

V.P. Pantusa, T.H. Stock, M.T. Morandi, R.B. Harrist and M. Afshar, "Inhalation Exposures to Acrylamide in Biomedical Laboratories," American Industrial Hygiene Association Journal 63, 468-473 (2002).

Y.Y. Naumova, S.J. Eisenreich, B.J. Turpin, C.P. Weisel, M.T. Morandi, S.D. Colome,

L.A. Totten, T.H. Stock, A.M. Winer, S. Alimokhtari, J. Kwon, D. Shendell, J. Jones, S. Maberti and S.J. Wall, "Polycyclic Aromatic Hydrocarbons in the Indoor and Outdoor Air of Three Cities in the U.S.," Environmental Science and Technology **36**, 2552-2559 (2002).

S.Z. Abdel-Rahman, R.A. El-Zein, M.M. Ammenheuser, Z. Yang, T.H. Stock, M. Morandi, and J.B. Ward Jr., "Variability in Human Sensitivity to 1,3-Butadiene: Influence of the Allelic Variants of the Microsomal Epoxide Hydrolase Gene," Environmental and Molecular Mutagenesis **41**, 140-146 (2003).

Y.Y. Naumova, J.H. Offenberg, S.J. Eisenreich, Q. Meng, A. Polidori, B.J. Turpin, C.P. Weisel, M.T. Morandi, S.D. Colome, T.H. Stock, M.A. Winer, S. Alimokhtari, J. Kwon, S. Maberti, D. Shendell, J. Jones and C. Farrar, "Gas/Particle Distribution of Polycyclic Aromatic Hydrocarbons in Coupled Outdoor/Indoor Atmospheres," Atmospheric Environment **37**, 703-719 (2003).

D.G. Shendell, A.M. Winer, T.H. Stock, L. Zhang, J. Zhang, S. Maberti and S.D. Colome, "Air Concentrations of VOCs in Portable and Traditional Classrooms: Results of a Pilot Study in Los Angeles County," Journal of Exposure Analysis and Environmental Epidemiology **14**, 44-59 (2004).

K. Sexton, J.L. Adgate, G. Ramachandran, G.C. Pratt, S.J. Mongin, T.H. Stock and M.T. Morandi, "Comparison of Personal, Indoor and Outdoor Exposures to Hazardous Air Pollutants in Three Urban Communities," Environmental Science and Technology **38**, 423-430 (2004).

B.J. Brown, R.J. Emery, T.H. Stock and E.S. Lee, "A Comparison of the Results of Regulatory Compliance Inspections in 1999 by the States of Texas, Maine and Washington," Health Physics **86**, 308-315 (2004).

G.C. Pratt, C.Y. Wu, D. Bock, J.L. Adgate, G. Ramachandran, T.H. Stock, M.T. Morandi and K. Sexton, "Comparing Air Dispersion Model Predictions with Measured Concentrations of VOCs in Urban Communities," Environmental Science and Technology **38**, 1949-1959 (2004).

K. Sexton, J.L. Adgate, S.J. Mongin, G.C. Pratt, G. Ramachandran, T.H. Stock and M.T. Morandi, "Evaluating Differences between Measured Personal Exposure to Volatile Organic Compounds and Concentrations in Outdoor and Indoor Air," Environmental Science and Technology **38**, 2593-2602 (2004).

J.H. Offenberg, Y.Y. Naumova, B.J. Turpin, S.J. Eisenreich, M.T. Morandi, T.H. Stock, S.D. Colome, A.M. Winer, D.M. Spektor, J. Zhang and C.P. Weisel, "Chlordanes in the Indoor and Outdoor Air of Three U.S. Cities," Environmental Science and Technology **38**, 2760-

2768 (2004).

J.L. Adgate, T.R. Church, A.D. Ryan, G. Ramachandran, A.L. Fredrickson, T.H. Stock, M.T. Morandi and K. Sexton, "Outdoor, Indoor and Personal Exposure to VOCs in Children," Environmental Health Perspectives 112, 1386-1392 (2004).

Q.Y. Meng, B.J. Turpin, L. Korn, C.P. Weisel, M. Morandi, S. Colome, J. Zhang, T. Stock, D. Spektor, A. Winer, L. Zhang, J.H. Lee, R. Giovanetti, J.M. Kwon, S. Alimokhtari, D. Shendell, J. Jones, C. Farrar, and S. Maberti, "Influence of Ambient (Outdoor) Sources on Residential Indoor and Personal PM_{2.5} Concentrations: Analyses of RIOPA Data," Journal of Exposure Analysis and Environmental Epidemiology 15, 17-28 (2005).

C.P. Weisel, J. Zhang, B.J. Turpin, M.T. Morandi, S. Colome, T.H. Stock, D.M. Spektor, L. Korn, A. Winer, S. Alimokhtari, J. Kwon, K. Mohan, R. Harrinton, R. Giovanetti, W. Cui, M. Afshar, S. Maberti, and D. Shendell, "Relationship of Indoor, Outdoor and Personal Air (RIOPA) Study: Study Design, Methods and Quality Assurance/Control Results," Journal of Exposure Analysis and Environmental Epidemiology 15, 123-137 (2005).

G.C. Pratt, D. Bock, T.H. Stock, M.T. Morandi, J.L. Adgate, G. Ramachandran, S.J. Mongin and K. Sexton, "A Field Comparison of Volatile Organic Compound Measurements Using Passive Organic Vapor Monitors and Stainless Steel Canisters," Environmental Science and Technology 39, 3261-3268 (2005).

A. Reff, B.J. Turpin, R.J. Porcja, R. Giovenetti, W. Cui, C.P. Weisel, J. Zhang, J. Kwon, S. Alimokhtari, M. Morandi, T. Stock, S. Maberti, S. Colome, A. Winer, D. Shendell, J. Jones and C. Farrar, "Functional Group Characterization of Indoor, Outdoor, and Personal PM_{2.5} : Results from RIOPA," Indoor Air 15, 53-61 (2005).

Q.Y. Meng, B.J. Turpin, A. Polidori, J.H. Lee, C. Weisel, M. Morandi, S. Colome, T. Stock, A. Winer and J. Zhang, "PM_{2.5} of Ambient Origin: Estimates and Exposure Errors Relevant to PM Epidemiology," Environmental Science and Technology 39, 5105-5112 (2005).

G.L. Delclos, A.A. Arif, L. Aday, L.K. Bartholomew, A.I. Carson, D. Lai, C. Lusk, T. Stock, E. Symanski, L.W. Whitehead, F.G. Benavides and J.M. Anto, "Validation of an Asthma Questionnaire for Use in Healthcare Workers," Occupational and Environmental Medicine 63, 173-179 (2006).

W. Liu, J. Zhang, L. Zhang, B.J. Turpin, C.P. Weisel, M.T. Morandi, T.H. Stock, S. Colome and L.R. Korn, "Estimating Contributions of Indoor and Outdoor Sources to Indoor Carbonyl Concentrations in Three Urban Areas of the United States," Atmospheric Environment 40, 2202-2214 (2006).

W. Liu, J. Zhang, J. Kwon, C. Weisel, I. Zhang, L. Korn, B. Turpin, M. Morandi, T. Stock, S. Colome, "Concentrations and Source Characteristics of Airborne Carbonyl Compounds Measured Outside Urban Residences," Journal of Air & Waste Management Association **56**, 1196-1204 (2006).

A. Polidori, B. Turpin, Q.Y. Meng, J.H. Lee, C. Weisel, M. Morandi, S. Colome, T. Stock, A. Winer, J. Zhang, J. Kwon, S. Alimokhtari, D. Shendell, J. Jones, C. Farrar and S. Maberti, "Fine Organic Particulate Matter Dominates Indoor-Generated PM_{2.5} in RIOPA Homes." Journal of Exposure Science and Environmental Epidemiology **16**, 321-331 (2006).

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