

# CURRICULUM VITAE

## Ken Sexton

Division of Environmental & Occupational Health Sciences  
The University of Texas School of Public Health  
Health Science Center at Houston  
1200 Herman Pressler E1033  
Houston, TX 77030

Tel: 713-500-9460 Fax: 713-500-9406 email: ken.sexton@uth.tmc.edu

### Education

- Wharton School, University of Pennsylvania, Master of Business Admin. (M.B.A.), 1994
- Harvard University, Doctor of Science (Sc.D.), Environmental Health Sciences, 1983
- Texas Tech University, Master of Arts (M.A.), Sociology, 1979
- Washington State University, Master of Science (M.S.), Environmental Engineering, 1977
- U.S. Air Force Academy, Bachelor of Science (B.S.), Life Sciences-PreMed, 1972

### Academic, Administrative, and Professional Appointments

- Director, Division of Environmental and Occupational Health Sciences, University of Texas School of Public Health, Health Science Center at Houston, 2008-present
- Director, Southwest Center for Occupational and Environmental Health, 2008-present
- Professor, Division of Environmental and Occupational Health Sciences, University of Texas School of Public Health
  - Health Science Center at Houston 2008-present
  - Brownsville Regional Campus, 2003-2007
- Adjunct Professor, School of Rural Public Health, Texas A&M University, 2006-present
- R.G. Bond Professor of Environmental Policy and Director of the Center for Environment and Health Policy, Division of Environmental and Occupational Health, School of Public Health, University of Minnesota, 1995-2003
- Adjunct Professor, Carlson School of Management, University of Minnesota, 1998-2003
- Adjunct Professor, Humphrey Institute of Public Affairs, University of Minnesota, 1995-2003
- Director, Office of Health Research, U.S. Environmental Protection Agency, 1987-1995
- Director, Scientific Review & Evaluation, Health Effects Institute, Cambridge, MA, 1985-1987
- Director, Indoor Air Quality Program, California Department of Health Services, 1983-1985
- Research Assistant, Harvard School of Public Health, Boston, MA, 1980-1983
- Staff Engineer, Acurex Corporation, Mountain View, CA, 1979-1980
- Environmental Engineer, Chemical Engineering, Washington State University, 1977-1979
- Research Assistant, Chemical Engineering, Washington State University, 1975-1977
- Computer Systems Operation Officer, U.S. Air Force, Reese AFB, Lubbock, TX, 1972-1974

### Awards and Honors

- Elected to Delta Omega, Honorary Public Health Society, 1996
- Named Endowed Scholar (Bond Professorship), School of Public Health, University of Minnesota, 1995 - 2003
- Profiled in the Harvard Public Health Review, Harvard School of Public Health, 1994
- Awarded EPA Bronze Medal for Commendable Service, 1994
- Awarded EPA Gold Medal for Exceptional Service, 1992
- Elected to the International Academy of Indoor Air Sciences, 1991

### Fellowships

- NHLBI Clinical Epidemiology Training Grant, Harvard University, 1981-1982
- Du Pont Fellowship, Harvard University, School of Public Health, 1980-1981

### **Funded Research and Other Projects**

- Principal Investigator, Grant from the Minnesota Office of Environmental Assistance, Title – Minnesota Technical Assistance Program (work with businesses to foster pollution prevention and improve waste management), 2001 – 2003, \$950,000/year.
- Principal Investigator, Grant from the Minnesota Pollution Control Agency, Title – Basics of Risk Management: Putting Principles into Practice, 2000 – 2001, \$46,000.
- Principal Investigator, Grant from the Legislative Commission on Minnesota Resources (LCMR), Measuring Children’s Exposure to Environmental Health Hazards, 1999 – 2001, \$500,000.
- Co-Principal Investigator, Grant from the U.S. EPA, Title – Hazardous Air Pollutant Mixtures: Measuring and Modeling Complex Exposures, 1999 – 2002, \$510,000.
- Co-Principal Investigator, Grant from the Center for German and European Studies, Title – Industrial Ecology, Culture, and Environmental Sustainability: Corporate Transitions in North America and Europe, 1999 – 2001, \$100,000.
- Co-Principal Investigator, Grant from the U.S. EPA, Title – Health Effects of Hazardous Air Pollutants among Inner Urban School Children, 1999 – 2002, \$630,000.
- Principal Investigator, Grant from the U.S. EPA, Title – School-Based Study of Complex Environmental Exposures and Related Health Effects in Children, 1998 - 2003, \$1,029,000.
- Principal Investigator, Grant from the Academic Health Center, University of Minnesota, Title – Interdisciplinary Research on the Health Effects of Airborne Particulate Matter, 1998 – 1999, \$300,000
- Co-Principal Investigator, Grant from the U.S. EPA, Title – Measurement and Source Apportionment of Human Exposures to Toxic Air Pollutants in the Minneapolis-St. Paul Metropolitan Area, 1997 – 2001, \$900,000.
- Principal Investigator, Grant from the U.S. EPA, Title – Measuring and Apportioning Children’s Exposure to Pesticides in Urban, Suburban, and Rural Communities, 1996 – 2001, \$919,000.
- Principal Investigator, Grant from the University of Minnesota, Title – Interdisciplinary Ecological Risk Assessment, 1996 – 1998, \$20,000.
- Principal Investigator, Grant from the Ford Foundation/H. H. Humphrey Institute, Title – An Investigation of Environmental Decision Making, 1995 – 1998, \$26,000.
- Co-Principal Investigator, Grant from the U.S. EPA, Title – Advising, Monitoring, and Evaluating a Minnesota Pollution Control Agency Pilot Project for Flexible, Multi-Media Permitting, 1995 – 1997, \$255,000.

### **Service to Public and Private Organizations**

- Air Pollution Control Association
  - Member, Indoor Air Quality Committee, 1982-1987
  - Chair, Indoor Air Quality Committee, 1985-1987
- Agency for Toxic Substances and Disease Registry (ATSDR)
  - Member, Subcommittee on Great Lakes Human Health Research, 1992-1995
- American Association for the Advancement of Science (AAAS)
  - Member, 1998 - 2006
- American Chemical Society
  - Member, 1998 - 2006
- California Energy Commission
  - Advisory Group, 1984-1985
- California Interagency Working Group on Indoor Air Quality
  - Chair, 1983-1985
- California/OSHA Advisory Committee on Minimum Ventilation Standards for Buildings
  - Chair, 1983-1985
- Center for Risk Analysis, Harvard School of Public Health
  - Advisory Committee, 1990-1993

- Environmental Protection Agency (EPA)
  - Chair, Cumulative Risk Issue Papers Development Project, 2005-2007
  - Chair, Peer Consultation Workshop – Framework for Cumulative Risk Assessment, 2001
  - Chair, Environmental Equity Committee, Office of Research & Development, 1992-1993
  - Manager, Human Exposure Research Program, 1992-1995
  - Manager, Indoor Air Quality Research Program, 1992-1995
  - Director, National Human Exposure Assessment Survey (NHEXAS), 1991-1994
  - Co-Chair, U.S./Canadian Binational Human Health Issues Committee, 1991-1995
  - Chair, Research to Improve Health Risk Assessment Committee, 1988-1992
  - Chair, Protection of Human Research Subjects Committee, 1987-1995
  - Chair, Coordinating Committee for the Health Effects Institute, 1987-1991
- Environmental Protection Agency – Science Advisory Board (SAB)
  - Member, Science Advisory Board, 2001-2003
  - Member, Executive Committee, 2001-2002
  - Chair, Integrated Human Exposure Committee, 2001-2002
- Environmental Protection Agency – National Environ. Justice Advisory Council (NEJAC)
  - Member, Cumulative Risk/Impacts Work Group, 2003-2004
- Federal Interagency Appointments
  - Chair, Federal Interagency Working Group on Environmental Cancer and Heart and Lung Disease, 1987-1995
  - Chair, Federal Interagency Task Force on Air Pollution Research, 1991-1995
- Flint Hills Resources (formerly Koch Petroleum Group)
  - Member, Independent Expert Review Panel for Environmental Performance Measures, Flint Hills Refinery in Rosemount, MN, 1999-2001
- Houston (City of)
  - Chair, Mayor's Task Force on The Health Effects of Air Pollution, 2005-2006
- International Society for Exposure Analysis
  - Councilor (elected), 1992-1995
  - President (elected), 1996-1997
  - Member, 1991-present
- International Society of Indoor Air Quality and Climate
  - Founding Member, 1992-1995
- Minnesota Department of Health
  - Member, Advisory Committee on Human Biomonitoring, 2001-2003
  - Member, Minnesota Clean Indoor Air Act Rule Revision Advisory Committee, 1999-2000
  - Member, Cancer Cluster Work Group, 1995-1996
  - Member, Technical Advisory Work Group, Health Risk Values for Air Pollutants, 1996-1999
- Minnesota Environmental Initiative
  - Member, Board of Directors, 1997-1999
  - Member, Program Advisory Committee, 1997-1999
- Minnesota Environmental Quality Board
  - Member, Advisory Group on Brownfields and Sustainable Development, 1997
- Minnesota Pollution Control Agency
  - Member, Advisory Task Force on Environmental Justice, 2001
  - Member, Environmental Innovations Advisory Council, 1999-2003
  - Member, Health Risk Values Applications Workgroup, 1996-1997
  - Member, Water Quality Standards Advisory Committee, 1996-1997
  - Member, Project XL (eXcellence & Leadership) Stakeholder Advisory Group, 1996-1997
  - Member, Citizen's Jury Steering Committee, 1996
- National Association of Environmental Managers
  - Member, 1992-1995
- National Council for Clean Indoor Air
  - Board of Directors, 1986-1987

- National Institute of Environmental Health Sciences (NIEHS)
  - Organizing Committee, NCI/NIEHS Workshop on Environ. Causes of Childhood Cancer, 1999
  - Steering Committee, Workshop on Exposure and Prevention of Environmental Disease, 1999
  - Invited Participant, NIEHS Leadership Retreat, 1999
- National Institute of Child Health and Human Development (NICHD)
  - Member, Advisory Committee on the National Children's Study of Environmental Effects on Health, 2002-2003
- National Research Council, National Academy of Sciences
  - Member, Advisory Committee, Strategies to Protect the Health of Deployed U.S. Forces, 1998-1999
  - Invited Reviewer, Risk-Based Waste Classification in California, 1999
  - Invited Reviewer, Burning Questions: Waste Incineration and Public Health, 1997
  - Invited Reviewer, Environmental Epidemiology: Use of the Gray Literature and Other Data in Environmental Epidemiology, Volume 2, 1996
- National Urban Air Toxics Research Center, Houston, Texas
  - Member, Science Advisory Panel, 1995-1999
- Society for Risk Analysis
  - Member, 1998-2006
  - Management Committee, Residential Exposure Project, 1994-1995
- Southern California Gas Company
  - Indoor Air Quality Advisors Group, 1983-1985
- Texas Department of Health
  - Member, Management Team, Lower Rio Grande Valley – Metropolitan Medical Response System (MMRS), 2004-2005
- University of Maryland
  - Member, Advisory Board, Hazardous Materials Management, 1990-1991
- University of Minnesota
  - Member, Consortium on Law & Values in Health, Env. & Life Sciences, 2001-2003
  - Member, University Commission on Environmental Science and Policy, 2000-2003
  - Member, University Strategy Group on the Role of Ethics in Policy, 1999
  - Member, University Cancer Center, 2000-2003
  - Member, Research Committee, School of Public Health, 2000-2003
  - Member, Dean's Search Committee, School of Public Health, 2000
  - Member, Teaching Committee, DEOHS, 1998-2000
  - Member, Faculty Admin. Committee, DEOHS, 1995-1998, 2000-2003
  - Member, Pollution Prevention Dialogue, U of Minnesota/Joyce Foundation, 1995-1998
- University of Texas at Brownsville
  - Member, Environmental Responsibility Committee, 2003
  - Member, Graduate Faculty, 2006-
- University of Texas School of Public Health
  - Member, School of Public Health Executive Council, 2008-
  - Member, Academic Program Review Committee, DEOHS, 2007
  - Member, Air Research Strategy Work Group, DEOHS, 2006
  - Member, Foundations Course Development Committee, DEOHS, 2006
  - Chair, Search Committee – Health Effects of Air Quality, DEOHS, 2006-2007
  - Member, Health Disparities Work Group, 2006-2007
  - Member, Annual Activities Review Committee, 2006, 2007
  - Leader, Policy/Regs Unit, DEOHS Core Curriculum Workgroup, 2005-2006
  - Member (elected), Faculty Council, 2004-2006
  - Member, Admissions Committee, 2004-2007
  - Member, Six-Year Review Committee, 2004
  - Member, Leadership Committee, DEOHS, 2004-2006

- Chair, Research Competitiveness Committee, DEOHS, 2004-2005
- Member, EXPORT Grant – Pilot Core Review Committee, 2003-2006
- World Health Organization/International Program on Chemical Safety  
Invited Reviewer, Global Assessment of Endocrine Disruptors, 2001

#### **Invited Keynote Addresses and Plenary Lectures**

- Plenary Lecture, Environmental Health Challenges in Houston, Institute of Medicine Roundtable on Environmental Health Sciences, Research, and Medicine – Rebuilding the Unity of Health and the Environment: Houston Metropolitan Area, Houston, TX, January 2004
- Keynote Address, Environmental Health Policy: Balancing Facts and Values, Meeting of the Federal/State Toxicology and Risk Analysis Committee, St. Paul, MN, May 2000.
- Plenary Lecture, Practical Realities of Community-Based Environmental Health Research, Workshop on the Role of Exposure Assessment in Determining Health Impacts of Urban Air Toxics, Mickey Leland National Urban Air Toxics Research Center, Houston, TX, March 2000.
- Plenary Lecture, The Science and Policy of Environmental Justice: Cooperative and Creative Solutions to Complex Problems, Meeting of the Governor's Mississippi River Corridor Task Force, Louisiana Department of Environmental Quality, Baton Rouge, LA, March 1999.
- Plenary Lecture, Environmental Health Policy: Comparing Ecological, Economic, and Equity Perspectives, Public Health Nursing 2000: Building Competencies in Environmental Health, 8<sup>th</sup> Annual Public Health Nursing Workshop, U of Minnesota, Minneapolis, MN, October 1998.
- Plenary Lecture, Environmental Justice Aspects of Hazardous Waste: Siting Noxious Facilities in Disadvantaged Communities, 16<sup>th</sup> Annual Occupational Health and Safety Institute, U of Minnesota, Minneapolis, MN, August 1998.
- Plenary Lecture, Interpreting Science for Policy: Talking to the Managers, Capitol Hill Forum – Protecting Sensitive Groups as Mandated by the FQPA and the SDWA: Can Science Meet the Challenge? Society for Risk Analysis, Washington, DC, June 1998.
- Plenary Lecture, The Role of Spatial Scale in Human Health Studies, The Fourth National Health and Environmental Effects Research Laboratory Symposium on Research Advances in Risk Assessment, U.S. Environmental Protection Agency, RTP, NC, April 1998.
- Plenary Lecture, Human Health Response to Frog Deformities, Workshop on Strategies for Assessing the Implications of Malformed Frogs for Environmental Health, National Institute of Environmental Health Sciences, RTP, NC, December 1997
- Keynote Address, Environmental Regulatory Reform. New Policies and Strategies for the 21<sup>st</sup> Century, The Forum for Women in the Environmental Field, Minneapolis, MN, May 1997.
- Plenary Lecture, The Science and Policy of Environmental Justice, 14<sup>th</sup> Annual Occupational Health and Safety Institute, U of Minnesota, Minneapolis, MN, September 1996.
- Keynote Address, Environmental Justice: Identifying Problems and Finding Solutions, Global Environmental Health and Justice: Connecting the Rural Midwest to the World, Conference sponsored by the Center for International and Comparative Studies, University of Iowa, Iowa City, IA, April 1996.
- Plenary Lecture, Regulatory Reform: Boon or Boondoggle? 13<sup>th</sup> Annual Occupational Health and Safety Institute, U of Minnesota, Minneapolis, MN, September 1995.
- Plenary Lecture, Symposium Synopsis: The Relationship Between Indoor Air Quality and Human Health, 11<sup>th</sup> Oak Ridge National Laboratory Life Sciences Symposium: Indoor Air and Human Health Revisited, Knoxville, TN, March 1994.
- Plenary Lecture, Hazardous Air Pollutants: Science-Policy Interface, National Urban Air Toxics Research Center, Workshop on Asthma as an Air Toxics Endpoint, Houston, TX, February 1994.
- Plenary Lecture, Differences in Air Pollution Health Risks by Race and Socioeconomic Status, National Institute of Environmental Health Sciences, Symposium on Health Research and Needs to Ensure Environmental Justice, Washington, DC, February 1994.

- Plenary Lecture, Research to Better Define and Understand Environmental Equity, National Institute of Statistical Sciences, Forum on Environmental Equity, Durham, NC, December 1993.
- Keynote Address, Environmental Health Research: Building a Credible Foundation for Informed Decision Making, EPA Health Effects Research Laboratory, Symposium on Biological Mechanisms and Quantitative Risk Assessment, Research Triangle Park, NC, November 1993.
- Keynote Address, The Role of Scientific Research in the Development of Environmental Regulations, National Institutes of Health Conference on The Impact of Pollution on the Upper Alimentary and Respiratory Tracts, Bethesda, MD, December 1991.
- Plenary Lecture, The Value of Human Exposure Information, International Conference on Monitoring, Understanding, and Predicting Exposures in the 21<sup>st</sup> Century, Atlanta, GA, November 1991.
- Plenary Lecture, Environmental Health: Issues for the 1990s and Beyond, Harvard School of Public Health, Boston, MA, May 1990.
- Keynote Address, Is Human Health Adequately Protected from Exposure to Toxic Chemicals in the Environment? The International Working Conference on Evaluating Risks to Human Health Associated with Exposure to Toxic Chemicals in the Great Lakes Basin Ecosystem, Buffalo, NY, September 1989.
- Plenary Lecture, Public Policy Implications of Exposure to Indoor Air Pollution, 4<sup>th</sup> Annual International Conference on Indoor Air Quality and Climate, Berlin, Federal Republic of Germany, August 1987.

#### Teaching Experience – Graduate Courses

- Foundations of Environmental & Occupational Health (PUBH 2498, U of TX) – Introduction to basic principles of environmental and occupational health sciences – policy and regulations, 2009-
- Environmental Policy (PUBH 2498/PPAM 6320, U of TX) – Review of the formulation, promulgation, implementation, and evaluation of environmental policy in the U.S., 2006-
- Strategic Environmental Management (PUBH 2498/MANA 6332-60, U of TX) – Survey of business management approaches by which firms can gain competitive advantage through environmentally responsible actions, 2004-
- Environmental & Occupational Health Policy (PUBH 5105, U of MN) – Introduction to the theory and practice of environmental and occupational health policy in the United States, 1997-2003
- Comparative Environmental Policy (Graduate Seminar, U of MN) – Examination of government-business relations and environmental policy in Germany, Japan, and the U.S., 2000
- Risk Analysis (PUBH 5158, U of MN) – Overview of the basics of environmental health risk assessment with emphasis on its role in regulatory decision making, 1997-1999
- Innovative Approaches to Environmental Management (PUBH 5111, U of MN) – Interdisciplinary examination of creative strategies and methods used by governments, businesses, and communities for solving environmental health problems, 1998-2000

#### Publications - Books

- Marcus AA, Geffen D, **Sexton K**. 2002. *Reinventing Environmental Regulation: Lessons from Project XL*, RFF (Resources for the Future) Press, Washington, DC, 242 pages. ISBN 1-891853-09-0
- **Sexton K**, Marcus AA, Easter KW, Burkhardt TD. (Editors). 1999. *Better Environmental Decisions: Strategies for Governments, Businesses, and Communities*, Island Press, Washington, DC, 475 pages. ISBN 1-55963-614-9 [selected for inclusion in the U.S. Department of State “Bibliography for the Environment”, 2003]

- **Sexton K**, Murdock BS. (Editors). 1996. *Environmental Policy in Transition: Making the Right Choices*. The Minnesota Series in Environmental Decision Making, Vol. 1, Center for Environment and Health Policy. University of Minnesota, School of Public Health, Minneapolis, MN, 109 pages. ISBN 0-96549-750-X
- **Sexton K**, Banks-Anderson, Y. (Editors). 1993. *Equity in Environmental Health: Research Issues and Needs*. Princeton Scientific Publishing Co., Inc., Princeton, NJ, 288 pages. ISBN 0-91113-175-2

#### **Publications - Book Chapters**

- **Sexton K**. 2008. Modifiable Areal Unit Problem (MAUP). In: *Encyclopedia of Quantitative Risk Analysis and Assessment*. Melnick M and Everitt B (Editors). John Wiley & Sons, Ltd., Chichester, United Kingdom, in press.
- **Sexton K**. 2008. Cumulative Risk Assessment for Environmental Hazards. In: *Encyclopedia of Quantitative Risk Analysis and Assessment*. Melnick M and Everitt B (Editors). John Wiley & Sons, Ltd., Chichester, United Kingdom, in press.
- **Sexton K**. 2006. Biomarkers of Toxicant Exposure. In: *Toxicologic Biomarkers*. DeCaprio AP (Editor). Taylor and Francis Group, New York, NY, pp 39 – 62.
- Marcus AA, Geffen D, **Sexton K**. 2005. Cooperative Environmental Regulations: Examining Project XL. In: *Industrial Transformation: Environmental Policy Innovation in the United States and Europe*. de Bruijn T and Norberg-Bohm V (Editors). MIT Press, Cambridge, MA, pp 279-306.
- **Sexton K**. 2005. Environmental Health Challenges in Houston. In: *Rebuilding the Unity of Health and the Environment: The Greater Houston Metropolitan Area*. Jones L, Porretto J, Coussens CM (Editors). The National Academies Press, Washington, DC, pp 13-18.
- **Sexton K**, Murdock, BS, Marcus AA. 2002. Co-operative Environmental Solutions: Acquiring Competence for Multi-Stakeholder Collaboration. In: *Voluntary Environmental Agreements: Process, Practice, and Future Use*. P. ten Brink (Editor). Greenleaf Publishing Limited, Sheffield, United Kingdom, pp 64-80.
- Adgate JL, **Sexton K**. 2001. Children's Exposure to Pesticides in Residential Settings. In: *Handbook of Pesticide Toxicology. 2<sup>nd</sup> Edition*. R. Krieger (Editor). Academic Press, San Diego, CA, pp 887-904.
- Marcus AA, Geffen D, **Sexton K**. 2001. The Quest for Cooperative Environmental Management: Lessons from the 3M Hutchinson XL Project in Minnesota. In: *Environmental Contracts: Comparative Approaches to Regulatory Innovation in the United States and Europe*, Orts EW, Deketelaere K. (Editors). Kluwer Law International, New York, NY, pp 143-164.
- **Sexton, K**, Klepeis, NE, W. Wood. 2001. Human Exposure Factors – Data Sources and Principles for Their Use. In: *Residential Exposure Assessment: A Source Book*. Baker SR, Driver J, McCallum D. (Editors). Kluwer Academic/Plenum Publishers, New York, NY, pp 265-282.
- **Sexton, K**, and Wilson, J. 2001. Introduction: Presenting, Interpreting, and Communicating the Results of Residential Exposure Assessments. In: *Residential Exposure Assessment: A Source Book*. Baker SR, Driver J, McCallum D. (Editors). Kluwer Academic/Plenum Publishers, New York, NY, pp 305-312.

- **Sexton K**, Marcus AA, Easter KW, Burkhardt TD. 1999. Introduction: Integrating Government, Business, and Community Perspectives. In: *Better Environmental Decisions: Strategies for Governments, Businesses, and Communities*, Sexton K, Marcus AA, Easter KW, Burkhardt TD. (Editors), Island Press, Washington, DC, pp 1-12.
- Finnegan J, **Sexton K**. 1999. Community-Based Environmental Decisions: Analyzing Power and Leadership. In: *Better Environmental Decisions: Strategies for Governments, Businesses, and Communities*, Sexton K, Marcus AA, Easter KW, Burkhardt TD. (Editors). Island Press, Washington, DC, pp 331-351.
- **Sexton K**. 1999. Setting Environmental Priorities: Is Comparative Risk Assessment the Answer? In: *Better Environmental Decisions: Strategies for Governments, Businesses, and Communities*, Sexton K, Marcus AA, Easter KW, Burkhardt TD. (Editors). Island Press, Washington, DC, pp 195-219.
- Murdock BS, **Sexton K**. 1999. Community-Based Environmental Partnerships. In: *Better Environmental Decisions: Strategies for Governments, Businesses, and Communities*, Sexton K, Marcus AA, Easter KW, Burkhardt TD. (Editors). Island Press, Washington, DC, pp 377-400. [selected by *World Watch Magazine* for inclusion in its list of Sources and Resources – ‘You Say You Want A Revolution?’, 2005]
- **Sexton K**, Zimmerman, R. 1999. The Emerging Role of Environmental Justice in Decision Making. In: *Better Environmental Decisions: Strategies for Governments, Businesses, and Communities*, Sexton K, Marcus AA, Easter KW, Burkhardt TD. (Editors). Island Press, Washington, DC, pp 419-443.
- **Sexton K**, Marcus AA, Easter KW, Burkhardt TD. 1999. Conclusion: Strategies for Integrated Environmental Decisions. In: *Better Environmental Decisions: Strategies for Governments, Businesses, and Communities*, Sexton K, Marcus AA, Easter KW, Burkhardt TD. (Editors). Island Press, Washington, DC, pp 445-450.
- **Sexton K**, Murdock BS, Greaves IA. 1996. Making Better Environmental Decisions: Challenges and Opportunities. In: *Environmental Policy in Transition: Making the Right Choices*, Sexton K, Murdock BS (Editors). Minnesota Series in Environmental Decision Making, Vol 1, Center for Environment and Health Policy, University of Minnesota, Minneapolis, MN, pp 1-13.
- **Sexton K**. 1996. Environmental Regulatory Reform: Rollback or Reinvention? In: *Environmental Policy in Transition: Making the Right Choices*, Sexton K, Murdock BS (Editors). Minnesota Series in Environmental Decision Making, Vol 1, Center for Environment and Health Policy, University of Minnesota, Minneapolis, MN, pp 63-68.
- **Sexton K**, Dyer RS. 1996. Effects of Indoor Air Quality on Human Health: Setting Strategic Research Directions and Priorities. In: *Indoor Air and Human Health, 2nd Edition*. Gammage RB, Berven BA (Editors). Lewis Publishing, Boca Raton, FL, pp 1-20.
- **Sexton K**. 1991. Human Exposure Assessment and Public Health. In: Gledhill BL, Mauro F (Editors), *New Horizons in Biological Dosimetry*. Wiley Liss: New York, pp 455-466.
- **Sexton K**, Ryan PB. 1988. Human Exposure to Air Pollution: Methods, Measurements, and Models. In: Watson A, Bates RR, Kennedy D (Editors), *Air Pollution, the Automobile, and Public Health*. National Academy Press: Washington, DC, pp 207-238.

#### **Publications – Edited Journal Special Issues and Monographs**

- **Sexton K**. (Editor). 2007. Frontiers in Cumulative Risk Assessment. *Environmental Health Perspectives*, 115(5): 799-840.

- Needham LL, **Sexton K.** (Editors). 2000. Assessment of Children's Environmental Exposure. *Journal of Exposure Analysis and Environmental Epidemiology*. 10(6): 611-815.
- **Sexton K.** (Editor). 1999. Environmental Justice. *Journal of Exposure Analysis and Environmental Epidemiology* 9(1): 3-78.
- **Sexton K.** (Editor). 1995. National Human Exposure Assessment Survey. *Journal of Exposure Analysis and Environmental Epidemiology* 5(3): 229-444.
- **Sexton K,** Banks-Anderson Y. (Editors). 1993. Equity in Environmental Health: Research Issues and Needs. *Toxicology and Industrial Health* 9: 679-975.
- **Sexton K.** (Editor). 1992. Human Exposure-Related Data Bases. *Archives of Environmental Health* 47: 398-446.

#### **Publications - Journal Articles**

- Linder SH, Marko D, **Sexton K.** 2008. Cumulative cancer risk from air pollution in Houston: Disparities in risk burden and social disadvantage. *Environmental Science & Technology* 42(12): 4312-4322.
- Adgate JL, Mongin SJ, Pratt GC, Zhang J, Field MP, Ramachandran G, **Sexton K.** 2007. Relationships between personal, indoor, and outdoor exposures to trace elements in PM<sub>2.5</sub>. *Science of the Total Environment* 386(1-3): 21-32.
- **Sexton K,** Linder S, Marko D, Bethel H, Lupo P. 2007. Comparative assessment of air pollution-related health risks in Houston. *Environmental Health Perspectives* 115(10): 1388-1393.
- Peltz G, Sanderson M, Perez A, **Sexton K,** Casares DO, Fadden MK. 2007. Serum leptin concentration, adiposity, and body fat distribution in Mexican Americans. *Archives of Medical Research* 38(5): 563-570.
- **Sexton K,** Hattis D. 2007. Assessing cumulative health risks from exposure to environmental mixtures – three fundamental questions. *Environmental Health Perspectives*, 115(5); 825-832.
- Callahan MA, **Sexton K.** 2007. If cumulative risk assessment is the answer, what is the question? *Environmental Health Perspectives*, 115(5): 799-806.
- **Sexton K,** Mongin SJ, Adgate JL, Pratt GC, Ramachandran G, Stock TH, Morandi MT. 2007. Estimating volatile organic compound concentrations in selected microenvironments using time-activity and personal exposure data. *Journal of Toxicology and Environmental Health, Part A* 70(5): 465-476.
- Greaves IA, **Sexton K,** Blumenthal MN, Church TR, Adgate JL, Ramachandran G, Fredrickson AL, Ryan AD, Geisser MS. 2007. Asthma, atopy, and lung function among racially diverse, poor inner-urban Minneapolis schoolchildren. *Environmental Research* 103: 257-266.
- **Sexton K.** 2006. Finding common ground for environmental decisions: Public health principles as a foundation for better choices. *Human and Ecological Risk Assessment*, 12(2): 209-218.
- **Sexton K,** Adgate JL, Fredrickson AL, Ryan AD, Needham LL, Ashley DL. 2006. Using biologic markers in blood to assess exposure to multiple environmental chemicals for inner-city children 3 – 6 years old. *Environmental Health Perspectives* 114(3): 453-459.

- Ramachandran G, Adgate JL, Banerjee S, Church TR, Jones D, Fredrickson A, **Sexton K**. 2005. Indoor air quality in two urban elementary schools – measurements of airborne fungi, carpet allergens, CO<sub>2</sub>, temperature, and relative humidity levels. *Journal of Occupational and Environmental Hygiene* 2: 553-566.
- Pratt GC, Bock D, Stock TH, Morandi M, Adgate JL, Ramachandran G, Mongin SJ, **Sexton K**. 2005. A field comparison of volatile organic compound measurements using passive organic vapor monitors and stainless steel canisters. *Environmental Science & Technology* 39(9): 3261-3268.
- **Sexton K**, Adgate JL, Church TR, Ashley DL, Needham LL, Ramachandran G, Fredrickson AL, Ryan AD. 2005. Children's exposure to volatile organic compounds as determined by longitudinal measurements in blood. *Environmental Health Perspectives* 113(3): 342-349.
- **Sexton K**. 2005. Comparison of recruitment, retention, and compliance results for three children's exposure monitoring studies. *Journal of Exposure Analysis and Environmental Epidemiology* 15(4): 350-356.
- Murdock BS, Wiessner C, **Sexton K**. 2005. Stakeholder participation in voluntary environmental agreements: Analysis of 10 project XL case studies. *Science, Technology & Human Values* 30(2): 223-250.
- Adgate JL, Church TR, Ryan AD, Ramachandran G, Fredrickson AL, Stock TH, Morandi MT, **Sexton K**. 2004. Outdoor, indoor, and personal exposure to VOCs in children. *Environmental Health Perspectives* 112(14): 1386-1392.
- **Sexton K**, Adgate JL, Mongin SJ, Pratt GC, Ramachandran G, Stock TH, Morandi MT. 2004. Evaluating differences between personal exposures to volatile organic compounds and concentrations in outdoor and indoor air. *Environmental Science & Technology* 38(9): 2593-2602.
- Pratt GC, Wu CY, Bock D, Adgate JL, Ramachandra G, Stock TH, Morandi M, **Sexton K**. 2004. Comparing air dispersion model predictions with measured concentrations of VOCs in urban communities. *Environmental Science & Technology* 38(7):1949-1959.
- **Sexton K**, Adgate JL, Church TR, Hecht SS, Ramachandran G, Greaves IA, Fredrickson AL, Ryan AD, Carmella SG, Geisser MS. 2004. Children's exposure to environmental tobacco smoke: Using diverse exposure metrics to document ethnic/racial differences. *Environmental Health Perspectives*, 112(3): 392-397.
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