



**CURRICULUM VITAE**  
**DENNIS D. LANE**  
**N.T. Veatch Distinguished Professor of Civil Engineering**

**Name:** Dennis Del Lane  
**Born:** February 16, 1950  
**Status:** Married, 4 children  
**Address:** Home: 2409 Westdale Rd., Lawrence, KS 66049  
Office: Department of Civil and Environmental Engineering  
University of Kansas  
Lawrence, KS 66045  
e-mail address: [lane@ku.edu](mailto:lane@ku.edu)  
Web Page: <http://www.engr.ku.edu/~dlane/>

**Education:**

University of Illinois Urbana, Illinois	BSGE, 1972
University of Illinois Urbana, Illinois	MS, 1973
University of Illinois Urbana, Illinois	Ph.D., 1976

**Academic Experience:**

1976-1981	Assistant Professor of Civil Engineering University of Kansas, Lawrence, Kansas
1981-1987	Associate Professor of Civil Engineering with tenure University of Kansas, Lawrence, Kansas
1983-1984	Acting Assistant Dean, School of Engineering University of Kansas, Lawrence, Kansas
1986-1991	Director, Air-Ecosystem Interactions Research Laboratory (AEIRL), Center for Research, Inc., Lawrence, Kansas

**Academic Experience:** (continued)

- 1987-1993 Professor of Civil Engineering  
University of Kansas, Lawrence, Kansas
- 1988-1997 Member, Board of Trustees,  
Center for Research, Inc.  
University of Kansas, Lawrence, Kansas
- 1988-1993 Member, Executive Committee,  
Center for Research, Inc.,  
University of Kansas,  
Lawrence, Kansas
- 1995-2000 Environmental Studies Advisory Board, Chairman
- 1990-Present Co-director, Environmental Engineering & Science Graduate Program, University  
of Kansas, Lawrence, Kansas
- 1992-Present Co-director, Environmental Engineering & Science Research Laboratory, Center for  
Research, Inc., Lawrence, Kansas
- 1993-Present N.T. Veatch Distinguished Professor of Civil Engineering, University of Kansas,  
Lawrence, Kansas
- 2001-Present Spahr Professor of Engineering
- 2002 Miller Faculty Scholar
- 2002-Present Associate Director, University of Kansas Center for Science Education
- 2003-Present Co-Director, Education Division, Center for Environmentally Beneficial Catalysis
- 2003-Present Co-Director, The Institute for Environmental Research, KUCR Designated Center

**Administrative Appointments,** (Representative List)

- 1976-1980 Department of Civil Engineering Curriculum Committee, Chairman - 1979
- 1976-1981 School of Engineering Curriculum Committee, Chairman - 1980

**Administrative Appointments**, (Representative List) (continued)

- 1977-1979 University of Kansas Honor Society of Phi Kappa Phi, President - 1979,  
Vice-President - 1978, Chairman of Fellowship Committee - 1977
- 1978-1979 Technical Conference Chairman for Midwest Air Pollution Control Association
- 1979-1980 Program Chairman of the Midwest Air Pollution Control Association
- 1979-1981 Civil Engineering Department Faculty Secretary
- 1979-1983 University Biohazards Committee, Chairman - 1980-1983
- 1982-1986 Engineering Senate Executive Committee (Nominated and Elected by the  
Engineering Faculty), Secretary - 1982, Chairman - 1985
- 1984-Present Air & Waste Management Association, Higher Education Committee, Member
- 1984-1986 Dean of Engineering Search Committee
- 1984-1992 Air & Waste Management Association, Acid Rain Technical Committee, Member
- 1985-1995 Air & Waste Management Association, Air Toxics Technical Committee, Member
- 1985-Present Standard Methods Committee (APHA, AWWA, & WPCF)  
Joint Task Group on Volatile Organic Acids, Member  
Joint Task Group on Asbestos, Member (Chair - 1998)
- 1987-1989 School of Engineering Promotion and Tenure Committee
- 1989-1990 School of Engineering Sabbatical Leave Committee, Chairman
- 1990-1992 Chemical Engineering Department Faculty Search Committee, Member
- 1990-1993 Search Committee for the Director of the Environmental Training and Education  
Center, Member
- 1990-1993 University Council, University of Kansas
- 1991-1992 Air & Waste Management Association  
Local Technical Committee for The Kansas City Annual Meeting and Exhibition,  
Member

**Administrative Appointments**, (Representative List) (continued)

1991-1992	University Committee on Organization and Administration, Chairman
1991-1992	Environmental Health Engineering & Science Graduate Program Faculty Search Committee, Chairman
1992-1993	University Committee on Academic Procedures & Policies, Member
1992-1996	State of Kansas Pollution Prevention Conference Advisory Board, Member
1992-2000	Center for Environmental Education and Training National Advisory Board, University of Kansas, Member
1993-1996	Engineering Senate Parliamentarian
1993-1999	Air & Waste Management Association, Optical Remote Sensing Division Technical Committee, Member.
1993-1995	School of Engineering Promotion and Tenure Committee, Chairman
1994-1995	Center for Environmental Education and Training Program Manager Search Committee, Member
1994-1995	Environmental Studies Program Director Search Committee, Member
1995-1997	Distinguished Professor's Steering Committee, Member
1995-Present	Committee on the Environment, University of Kansas, Member
1995-Present	Air & Waste Management Association's Latin America ERG Program, Member
1995-Present	Air & Waste Management Association's Latin American ERG Working Group, Member
1995-Present	Study Abroad Program, Latin America Faculty Advisor
1996-Present	Science Review Committee, U.S. Environmental Protection Agency
1996-Present	Self Graduate Fellowship Board of Trustees, Member
2002	Environmental Studies Program Director Search Committee, Member

**Administrative Appointments**, (Representative List) (continued)

- 2003 Department of Civil, Environmental and Architectural Engineering Chair Search Committee, Chair
- 2004-Present Sustainability Task Force, Member
- 2004-Present Department of Civil, Environmental and Architectural Engineering Faculty Search Committee, Chair
- 2004-Present Faculty Advisory Board - Dean of the Graduate School, Member

**Peer Reviewer Service:**

- 1980-Present American Industrial Hygiene Association Journal
- 1982-Present Journal of Separation Science and Technology
- 1983-Present Water Resources Research Council, Department of the Interior, Washington, D.C.
- 1984-Present National Research Council
- 1984-Present National Science Foundation
- 1987-Present Proceedings, EPA/APCA International Symposium on the Measurement of Toxic and Related Air Pollutants
- 1988-Present Journal of the Environmental Engineering Division, American Society of Civil Engineers
- 1988-Present Proceedings, Air and Waste Management Association
- 1990-Present Journal of the American Water Works Association
- 1990-Present Aerosol Science and Technology
- 1991-Present Journal of the Air and Waste Management Association
- 1991-Present Environmental Science & Technology
- 1996-Present U.S. Environmental Protection Agency, Office of Research Support, Washington, D.C.

**Peer Reviewer Service:** (continued)

1998-Present Applied Industrial Hygiene Association Journal

2000-Present Environmental Toxicology and Chemistry

2001-Present Atmospheric Environment

2003-Present Environmental Conservation

**Awards and Special Recognition:**

1972-1973 University of Illinois Fellow, Urbana, Illinois

1980, 1981 Nominated for Gould Award as Outstanding Engineering  
1982 Educator

1983 Finalist for Gould Award as Outstanding Engineering Educator

1984 Cited in Who's Who in Frontier Science and Technology

1987 Miller Professional Development Award for Distinguished Service to Engineering Research

1989 Miller Professional Development Award for Distinguished Service to Engineering Professional Development

1988-1993 Member, Board of Scientific Counselors, Agency for Toxic Substances and Disease Registry, Department of Health & Human Services, Washington, D.C.

1988-2000 Member, Technical Program Committee, International Symposium on Measurement of Toxic and Related Air Pollutants, U.S. EPA

1989-1999 Member, Scientific Advisory Board, Mayhew Environmental Training Associates (META)

1990-Present Member, Environmental Protection Work Group, Lawrence-Douglas County Health Department

1990-Present Advisory Board, Environmental Studies Program at the University of Kansas (Chairman: 1996 - 2000)

1991 U.S. Environmental Protection Agency Award for Research Excellence

1991 Cited in Who's Who in the Midwest

**Awards and Special Recognition:** (continued)

- 1991-1993 Invited Faculty Participant, The Rockefeller Foundation Fellowship Program in the Humanities: The Program in Nature, Culture, & Technology
- 1992 Cited in Citation's Who's Who Environmental Registry
- 1992-1993 Appointed to the Subcommittee on Great Lakes Applied Research, U.S. Public Health Service
- 1993 U.S. Environmental Protection Agency Bronze Medal for Research Achievements
- 1993 Cited in Who's Who in American Education
- 1993-1999 Member, Faculty Advisory Council, National Center for Environmental Education and Training
- 1993 Cited in American Men & Women of Science
- 1994 Cited in Who's Who in the World
- 1994-1999 Member, Board of Directors, National Center for Environmental Education and Training
- 1994 Cited in Who's Who in America
- 1995 Cited in Who's Who in Science and Engineering
- 1995 Kansas Pollution Prevention Advisory Board
- 1995 Cited in Who's Who in the World
- 1995 Advisory Board - 45th Annual Environmental Engineering Conference
- 1996 Advisory Board - 46th Annual Environmental Engineering Conference
- 1996 Cited in International Who's Who
- 1996 Cited in American Men and Women of Science
- 1996-2000 Joint Senate and House of Representatives Task Force on Retail Wheeling, Member
- 1997 Cited in Who's Who in Science and Engineering

**Awards and Special Recognition:** (continued)

1997	Cited in Strathmore's Who's Who
1997	Gould Award Nominee
1998	Board of Trustees, Member, Madison and Lila Self Graduate Fellowship
1999	Gould Award Nominee
2000	Nominated for the Self Graduate Fellowship Outstanding Mentor Award
2001	Spahr Professor of Engineering
2002	Miller Faculty Scholar

**Membership in Professional Organizations:**

1. The Honor Society of Phi Kappa Phi, Member
2. Air and Waste Management Association, Member
3. American Society of Civil Engineers, Member
4. International and American Society of Aerosol Researchers, Member
5. Tau Beta Pi National Engineering Honor Society, Member
6. American Association for the Advancement of Science, Member
7. Association of Environmental Engineering Professors, Member
8. Chi Epsilon Civil Engineering Honor Society, Member
9. Phi Beta Delta - The Honor Society for International Scholars

**Teaching Experience:**

<u>Subject</u>	<u>Academic Year</u>
Air Pollution	1976-Present
Advanced Air Pollution Control	1978
Senior Design Course in Water Supply and Sewerage Treatment	1978-Present
Physical Principles of Environmental Engineering Processes	1976-Present
Introduction to Environmental Pollution Control	1978-Present

**Teaching Experience:** (continued)

<u>Subject</u>	<u>Academic Year</u>
Solid Waste	1978
Environmental Quality	1984-Present
Graduate Student Environmental Health Seminar	1984-1986

**Short Courses**

Air Quality	1991-present
Water Quality and Hazardous Waste Management	1991-present

**Practical Experience:**

1977-1988	Consultant on Air Pollution Control Equipment for the Law Offices of Hershberger, Patterson, Jones and Roth, Wichita, KS.
1977-1992	Consultant on Air Pollution for the State of Kansas Attorney General, Topeka, KS.
1978-1993	Consultant on Fugitive Dust Air Pollution Emissions for Midwest Research Institute, Kansas City, MO.
1985-1996	Consultant on Air Toxics Monitoring for the U.S. Environmental Protection Agency, Region VII, Kansas City, KS.
1993-2000	Consultant on Environmental Engineering Matters for Black & Veatch, Kansas City, MO.
1995-Present	Consultant on Air Pollution Control for LABCONCO, Inc., Kansas City, MO

**Funded Research:**

1998-Present	Consultant on Ambient Air Monitoring Procedures for PM for Midwest Research Institute, Kansas City, MO.
1/77-1/78	Principal coordinator for particulate air pollution research conducted in the Fairfax Industrial District, Kansas City, KS, by The U.S. Environmental Protection Agency, Region VII, \$9,000.
1/78-8/78	"The Evaluation of High Ozone Concentrations in Lawrence, Kansas." State of Kansas Department of Health and Environment, Topeka, KS, \$14,000.

**Funded Research:** (continued)

- 4/78-8/78 "Theoretical Modifications to the Fugitive Dust Emission Factor." Midwest Research Institute, Kansas City, MO, \$14,000.
- 4/79-12/84 "The Evaluation of Chemical Dust Suppressants for Mine Haul Roads." Midwest Research Institute, Kansas City, MO, \$20,100.
- 5/79-8/79 "Writing of the Hydrocarbon Standards for the State of Kansas." State of Kansas Department of Health and Environment, Topeka, KS, \$16,000.
- 11/79-10/80 "The Evaluation of Air Samples to Determine Possible Hazardous Emissions from a Continuous Extrusion Cooker Due to Hydrochloric Acid Additions." Quaker Oats, Inc., Lawrence, KS, \$26,000.
- 1/80-5/81 "The Evaluation of Wind Erosion Tests Using a Portable Wind Tunnel." Midwest Research Institute, Kansas City, MO, \$38,000.
- 5/80-12/80 "Chemical Dust Suppressant Evaluation." ARCO Chemical Company, New York, \$22,000.
- 11/80-12/81 "An Evaluation of the KU Hazardous Waste Situation-Sources, Storage and Ultimate Disposal." Board of Regents, University of Kansas, \$15,150.
- 11/80-6/83 "Transport Modeling of an Agricultural Herbicide." Department of Interior, Washington, D.C., \$17,100.
- 2/81-6/81 "Laboratory Testing of the Horizontal Elutriator Under Simulated Windy Conditions." U.S. EPA, Washington, D.C., \$5,500.
- 11/81-6/83 "Evaluation of Computer Simulation Models for Nonpoint Source Agricultural Runoff." Department of Interior, Washington, D.C., \$10,100.
- 5/82-8/83 "Cyclonic Separator Inhalable Particulate Sampler Testing." U.S. EPA, Washington, D.C., \$7,100.
- 8/82-7/83 "Diffusion of Atrazine Through Eastern Kansas Soil (A Laboratory Study)." State of Kansas, Topeka, KS, \$6,200.
- 7/83-6/85 "A Study of Pesticide Transport Mechanisms." Department of Interior, Washington, D.C., \$32,000.

**Funded Research:** (continued)

- 2/84-3/88 "Development of Improved Microbial Strains for Anaerobic Digestion of MSF and Waste Water." Department of Energy, Washington, D.C., \$272,000.
- 6/84-4/85 "The Effects of Overland Flow on Interstitial Water Uptake of a Herbicide." Dept. of Interior, Washington, D.C., \$17,100.
- 1/85-4/88 "Micros, Modeling and the National Environment," Funded by the Innovation in Education Program, Kansas University Endowment Association, Lawrence, KS, \$32,700.
- 6/85-7/86 "Water Quality Parameters at a Forested Eastern Kansas Site and Their Relationship to Acidic Deposition." State of Kansas, Topeka, KS, \$6,800.
- 6/85-1/86 "Whole-Air Sampling as a Method for Volatile Organic Compound Determination." U.S. EPA, Region VII, Kansas City, KS, \$33,000.
- 7/85-6/86 "Flow Through Effects of Acid Deposition on a Forested Ecosystem." University of Kansas, Lawrence, KS, \$7,100.
- 1/86-1/87 "Whole-Air Sampling as a Method for Volatile Organic Compound Determination, Phase II." U.S. EPA, Region VII, Kansas City, KS, \$33,000.
- 3/86-12/86 "Air Toxics Monitoring Procedures." U.S. EPA, Region VII, Kansas City, KS, \$38,000.
- 6/86-5/89 "Establishment of a Research Program to Study the Characteristics and Environmental Impacts of Atmospheric Deposition." State of Kansas, Topeka, KS, \$101,000.
- 7/86-6/87 "Atmospheric Deposition of Organic Compounds at an Eastern Kansas Site." University of Kansas, Lawrence, KS, \$5,100.
- 10/86-9/89 "Aerosol Nitrogen Inputs to a Tree/Grass Ecotone." U.S. EPA, Washington, D.C., \$374,000.
- 2/87-1/88 "Biological and Engineering Contributions to the U.S. Geological Survey's RI/FS at the Arkansas City Landfill Site in South-Central Kansas." U.S. Geological Survey, Washington, D.C., \$50,000.
- 4/87-12/87 "Air Toxics Monitoring Procedures." U.S. EPA, Region VII, Kansas City, KS, \$36,000.

**Funded Research:** (continued)

- 9/87-12/88 "Development of a Sampling Procedure for Large Nitrogen and Sulfur Bearing Particles." U.S. EPA, Washington, D.C., \$75,000.
- 1/88-4/89 "Refinement of a Detection and Analysis Approach to Volatile Organic Compound Release Characterization Using a Whole Air Technique." U.S. EPA, Region VII, Kansas City, KS, \$57,000.
- 4/89-3/90 "Field Testing of a New Infrared Spectrophotometer for Detection of Toxic Air Pollutants." U.S. EPA, Region VII, Kansas City, KS, \$54,000.
- 4/90-3/91 "Ambient Air Toxics Monitoring Using Evacuated Canisters in a Complex Industrial Setting." U.S. EPA, Region VII, Kansas City, KS, \$66,700.
- 6/90-1/93 "Sampling and Analytical Support for the AEROCE Project." U.S. EPA, RTP, NC, \$135,478.
- 8/90-10/90 "Acid Aerosol Methods Evaluation - Analysis Phase." U.S. EPA, RTP, NC,
- 7/90-6/91 "The Development of a Mass Transfer Theory for the Determination of Dry Deposition Onto a Forest Canopy." University of Kansas, Lawrence, KS, \$7,583.
- 9/90-8/91 "Long-Path FTIR Performance and Data Intercomparability Project." U.S. EPA, Region VII, Kansas City, KS, \$24,598.
- 9/90-8/91 "Comprehensive Evaluation of a Field Transportable FTIRS Remote Sensing Instrument." U.S. EPA, Region VII, Kansas City, KS \$70,000.
- 4/91-3/92 "Development of a Theoretical Relationship to Estimate Source Emission Rates from Long Path FT-IR Data of Ambient Air Toxic Pollution Concentrations." U.S. EPA, Region VII, Kansas City, KS, \$70,000.
- 9/91-8/93 "Development of a Theoretical Relationship to Estimate Source Emission Rates from Long Path FTIR Data of Ambient Air Toxic Pollution Concentrations." U.S. EPA, Region VII, Kansas City, KS \$70,000.
- 4/92-3/93 "Source Emission Rate Study, Phase 1." U.S. EPA, Region VII, Kansas City, KS, \$72,000.
- 4/92-4/93 "Development and Characterization of the VAPS (Versatile Air Pollution Sampler)." U.S. EPA, RTP, NC, \$49,325.

**Funded Research:** (continued)

- 5/92-8/92 "EPA/EPSCoR Development Grant." U.S. EPA, Washington, D.C., \$5,000
- 8/92-8/93 U.S. EPA Graduate Student Fellowship, U.S. EPA, RTP, NC, \$1,890.
- 7/92-6/93 Research Development Fund, University of Kansas, Lawrence, KS, \$30,000.
- 7/93-6/94 Research Development Fund, University of Kansas, Lawrence, KS, \$45,000.
- 4/93-3/94 "Source Emission Rate Study, Phase II." U.S. EPA, Region VII, Kansas City, KS 75,000.
- 8/93-6/94 "Upjohn Manufacturing Company Wastewater Management Study - Bench-scale Treatability Study," Black & Veatch, Kansas City, MO \$33,000.
- 9/93-12/93 "Design and Test of Wind - Independent Aerosol Sampling Inlet," U.S. EPA, Washington, D.C. \$10,000.
- 1/94-5/94 Industrial Wastewater Treatability Nitrification/Denitrification Study," Black & Veatch, Kansas City, MO \$6,300.
- 4/94-3/95 "Source Emission Rate Study, Phase II," U.S. EPA, Region VII, Kansas City, KS \$80,000.
- 7/94-6/95 Research Development Fund, University of Kansas, Lawrence, KS \$45,000.
- 4/95-3/96 "Source Emission Rate Study, Phase II (continuation)", U.S. EPA, Region VII, Kansas City, KS \$82,000.
- 5/95-5/99 "An Atmosphere/Climate Experiment Using Internationally Derived Data from an Internet-Structured Model", NSF, Washington, D.C. \$772,000.
- 10/94-9/01 U.S. EPA/EPSCoR (Experimental Program to Stimulate Competitive Research). U.S. EPA, Washington, DC \$1,450,000(KU project director). Up for renewal in 2001.
- 11/93-6/99 "Kansas Small Business Assistance Program Pursuant to the Kansas Air Quality Act," U.S. EPA/Kansas Department of Health & Environment, Topeka, KS \$2,090,000.

**Funded Research:** (continued)

- 10/97-7/03 “Southeast Kansas Health Study”, U.S. EPA, Washington, D.C. \$396,000.
- 9/97-5/03 “Kansas Collaborative Research Network”, U.S. Department of Education, Washington, D.C. \$4,507,000.
- 10/98-7/03 “Soil Sampling in Support of the Southeast Kansas Health Study”, U.S. EPA, Washington, D.C. \$80,000.
- 10/98-7/03 “Equipment Purchase for Southeast Kansas Health Study”, Lafarge Corp., Fredonia, KS \$27,500.
- 1/99-12/01 “Atmospheric Release Advisory Capability (ARAC) Initiative”, Lawrence-Livermore National Laboratory. \$14,503.
- 6/99-5/03 “The Kansas Collaborative for Excellence in Teacher Preparation (KACETP),” NSF, Washington, D.C. \$2,400,000.
- 7/99-6/02 “Research Development Fund”, KU, Lawrence, KS. \$100,000
- 9/99-8/03 “Teaching Fellows in the Kansas City Metropolitan Schools,” NSF, Washington, D.C. \$1,092,000.
- 10/00-9/03 “Remote Sensing as a Viable Tool for Improving Air Quality Through Public Education and Action”, U.S. Dept. of Transportation, Washington, D.C., \$1,303,000.
- 9/00-8/03 “Environmental Air Quality”, NSF - EPSCOR, Washington, D.C., \$750,000.
- 9/00-8/01 “Air Quality/Cancer Risk in Scott County Kansas”, Free Masons Foundation, \$15,000.
- 9/01-8/05 “Extending Scientific Inquiry Through Geographic Information System”, NSF, Washington, D.C., \$1,061,000.
- 6/02-6/05 “WEB Facilitated Professional Development Course for Science Teachers”, AT&T Foundation, \$200,000.
- 9/03-8/05 “On-grid Hybrid Electric Bus Project”, Metropolitan Energy Center, Kansas City, \$33,000.

**Funded Research:** (continued)

- 3/04-12/05 “On-grid Hybrid Electric Bus Project - Phase II”, Metropolitan Energy Center, Kansas City, \$169,000.
- 10/04-9/05 “Off-road Diesel Engine/Low Sulfur Fuel Emissions Study”, Federal Transit Authority, Washington, D.C., \$81,000.
- 9/03-8/08 “Center for Environmentally Beneficial Catalysis”, NSF/EPSCoR, Washington, D.C., \$17,000,000

**Conferences:**

- 1974, American Society of Civil Engineers' Environmental Engineering National  
1980-1982 Conference
- 1977-1982, Air Pollution Control Association International  
1986-1989 Conference
- 1981 Third Symposium on the Transfer and Utilization of Particulate Control  
Technology.
- 1984-1985 American Association for Aerosol Research International  
1987-1988 Conference. Session Chair - 1988.
- 1985 Fine Particle Society Conference. Session Chair.
- 1986-1994 U.S. EPA International Symposium on the Measurement of Toxic and Related Air  
Pollutants. Session Chair - 1988, 1989, 1990, 1991, 1992.
- 1989 U.S. EPA Acid Aerosol Workshop. (Invited)
- 1990 NASA International Workshop on Stratospheric Aerosols: Measurements,  
Properties, Effects. (Invited)
- 1991 Sixth Conference on Environmental Engineering Education.
- 1992-1996 Air and Waste Management Association Annual Conference
- 1999 Sigma Xi Scientific Forum
- 2001 AWMA Specialty Conference: Hazardous Waste Combustors (Invited)

**Conferences:** (continued)

2001 Ninth International Conference on Modeling, Monitoring and Management of Air Pollution, Ancona, Italy (Invited)

**Patents**

"A Wind Independent Ambient Air Sampling Inlet," patent applied for in U.S.

"The Paramount Dustless Hood", patent applied for in U.S. with LABCONCO, Kansas City, MO.

**List of Publications:****1) Thesis**

1.1 D.D. Lane, "The Analog Between Particle Deposition in a Pipe and Particle Deposition on a Flat Plate," Ph.D. Thesis, University of Illinois, Urbana, IL (1976).

**2) Scientific and Professional Papers: (Refereed Only)**

2.1 Lane, D. D., and J. J. Stukel, "Dispersion of Pollutants in Automobile Wakes," Journal of the Environmental Engineering Division, ASCE, Vol. 102, No. EE32.3 Proc. Paper 121289, June, 1976, pp. 571-580.

2.2 Lane, D. D., and J. J. Stukel, "Aerosol Deposition on a Flat Plate," Journal of Aerosol Science, Vol. 9, pp. 191-197 (1978).

2.3 Ginevan, M. E., and D. D. Lane, "Potential Effects of Sulfur Dioxide Air Pollution on Insects," Environmental Science and Technology, Vol. 12, No. 7, pp. 828-831 (1978).

2.4 Lane, D. D., "Ozone in Lawrence, Kansas," Transactions of the 29th Annual Conference on Sanitary Engineering, University of Kansas, Lawrence, Kansas, Vol. 29, pp. (1979).

2.5 Ginevan, M. E., and D. D. Lane, "Ambient Air Concentration of Sulfur Dioxide Affects Flight Activity in Bees," The Proceedings of the National Academy of Sciences, Vol. 77, No. 10, p. 5631 (1980).

**2) Scientific and Professional Papers: (Refereed Only) (continued)**

- 2.6 Ginevan, M. E., and D. D. Lane, "A Small Scale Gas Exposure System," Environmental Entomology, A Journal of the American Entomological Society, Vol. 73, pp. 46-48 (1980).
- 2.7 Bider, W. L., and D. D. Lane, "A Critical Analysis of Four Particle Sizing Samplers," Journal of the Environmental Engineering Division, ASCE, Vol. 107, No. EE3 (1981).
- 2.8 Cowherd, C., Jr., H. C. Reed, and D. D. Lane, "In-situ Measurement of Wind-Generated Particulate Emissions from Exposed Aggregates," Transactions of the Third Symposium on the Transfer and Utilization of Particulate Control Technology, Vol. 3, pp. (1981).
- 2.9 Lane, D. D., "An Evaluation of Ozone Precursor Transport - The Lawrence, Kansas Situation," Transactions of the ASCE National Conference on Environmental Engineering, Vol. , pp. (1981).
- 2.10 Parr, A. D., and D. D. Lane, "Two-Point Method of Dispersivity Evaluation for Tracer Tests," Proceedings of the Annual ASCE Hydraulics Division Specialty Conference, Vol. , pp. 29-34 (1983).
- 2.11 Lane, D. D., "May/Research Engineers Cascade Impactor," Journal of the American Industrial Hygiene Association, Vol. 44, No. 7, pp. B19-B21 (1983).
- 2.12 McCall, E., A. D. Parr, and D. D. Lane, "A Soil - Bed Flume Study of Pesticide Transport," Proceedings of the Annual ASCE Hydraulics Division Specialty Conference, Vol. , pp. (1984).
- 2.13 Lane, D. D., T. E. Baxter, T. Cuscino, and C. Cowherd, Jr., "Use of Laboratory Methods to Quantify Dust Suppressant Effectiveness," Society of Mining Engineers Transactions, Vol. 274, pp. 2001-2004 (1984).
- 2.14 Lane, D. D., "Indoor Air Pollution - a Review of the WHO Report," Journal of the American Industrial Hygiene Association, Vol. 45, No. 4, p. B24 (1984).
- 2.15 Lane, D. D., and T. E. Baxter, "Horizontal Elutriator Test Results under Nonstill Air Conditions," Journal of the Environmental Engineering Division, ASCE, Vol. 111, No. 2, pp. 198-208 (1985)

**2) Scientific and Professional Papers: (Refereed Only) (continued)**

- 2.16 Baxter, T. E., D. D. Lane, C. Cowherd, Jr., and F. Pendelton, "Calibration of a Cyclone for Monitoring Inhalable Particles," Journal of the Environmental Engineering Division, ASCE Vol. 112, No. 3, pp. 468-478 (1986).
- 2.17 Parr, A. D., D. D. Lane, C. Richardson, and D. Baughman, "Entrainment of Interstitial Water by Overland Flow," Proceedings of the Annual ASCE Hydraulics Division Specialty Conference, Vol. , pp. (1985).
- 2.18 Wallace, D. D., D. D. Lane, and A. R. Trenholm, "Assessment of Metal Emissions from Hazardous Waste Incinerators," Transactions, Air Pollution Control Association, Vol. 78, p. 9, (1985).
- 2.19 Randtke, S. J., and D. D. Lane, discussion of "Modified Approach to Evaluate Column Test Data," Journal of the Environmental Engineering Division, ASCE, Vol. 113, No. 2, pp. 447-448 (1987).
- 2.20 Nixon, R. R., D. D. Lane, and S. J. Randtke, "Extraction of Sulfate From Size-Differentiated Atmospheric Particulates Collected on Dry Media," Transactions, American Association for Aerosol Research, Vol. 1, p. 6 (1985).
- 2.21 Lane, D. D., "A Review of Aerosols - Science, Technology and Industrial Applications of Airborne Particles," American Industrial Hygiene Association Journal, Vol. 46, No. 8, p. B16 (1985)
- 2.22 Parr, A. D., C. Richardson, D. D. Lane, and D. Baughman, "Pore Water Uptake by Agricultural Runoff," Journal of Environmental Engineering, ASCE, Vol. 113, No. 1, pp. 49-63 (1987).
- 2.23 Lane, D. D., R. E. Carter, Jr., and G. A. Marotz, "Sampling and Preliminary Modeling of Ambient Air Volatile Organic Compound (VOC) Content Using a Bulk Air Technique," Transactions, Air Pollution Control Association, Vol. 79, p. 17 (1986).
- 2.24 Lane, D. D., and R. E. Carter, Jr., "Field Applicability and Precision of a Whole-Air Sampling Method for Ambient Air Volatile Organic Compound Determination," Proceedings, EPA/APCA International Symposium on the Measurement of Toxic and Related Air Pollutants, Vol. 8, pp. 385-401 (1986).

**2) Scientific and Professional Papers: (Refereed Only) (continued)**

- 2.25 Nixon, R. R., D. D. Lane, and S. J. Randtke, "A Comparison of Methodologies for the Extraction of Sulfate Ion from Size-Differentiated Particles Collected on Filter Media," Proceedings, EPA/APCA International Symposium on the Measurement of Toxic and Related Air Pollutants, Vol. 8, pp. 856-864 (1986).
- 2.26 Mayhew, T. D., and D. D. Lane, "Glovebags: Their Significance as an Abatement Tool and the Variations in "Standard" Procedures," Proceedings, National Asbestos Council Technical Conference, Vol. 2, pp. (1986).
- 2.27 Lane, D. D., "A Review of Air Quality," American Industrial Hygiene Association Journal, Vol. 47, No. , pp. (1986).
- 2.28 Lane, D. D., a review of "Indoor Air Quality and Human Health," American Industrial Hygiene Association Journal, Vol. 47, No. , pp. (1986).
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