CURRICULUM VITAE—DAVID F. PARKHURST

EDUCATION:

Plant Ecology Laboratory University of Wisconsin Madison, Wisconsin	Ph.D. (Botany) M.S. (Botany)	1970 1968
Botany School University of Melbourne Victoria, Australia	Fulbright student	1966
College of Engineering University of Colorado Boulder, Colordado	B.S. (Applied mathematics)	1965

ACADEMIC AND PROFESSIONAL APPOINTMENTS:

School of Public & Environmental Affairs, Dept. of Biology, and Graduate School Indiana University Bloomington, IN 47405	Professor Emeritus 2006–present Professor 1988-2005 Associate Professor 1978-1988 Assistant Professor 1973-1978
New York City Department of Environmental Protection (On leave of absence from Indiana University) Division of Water Quality Control 465 Columbus Avenue Valhalla, NY 10595	Research Scientist II 1993-1995 Assistant Chief, Research Scientist III 1994-1995
CSIRO Division of Atmospheric Physics Aspendale, Victoria Australia 3195	Research Scientist 1970-1973
Department of Botany University of Wisconsin Madison, Wisconsin 53706	Visiting Assistant Professor, Lecturer 1970 Research & Teaching Assistant 1967-1969
Institute of Arctic & Alpine Research University of Colorado Boulder, Colorado 80302	Research Assistant 1962-1966 NSF Undergraduate Researcher 1962-1963

OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANTSHIPS:

Environmental Science & Policy Faculty School of Public & Environmental Affairs Indiana University, Bloomington, IN	Acting Chair 1992, 1999
New York Botanical Garden Institute of Ecosystem Studies P.O. Box AB Millbrook, NY 12545	Visiting Scientist 1990-1991 Cary Fellow 1991
Environmental Biology Department Research School of Biological Sciences Australian National University Canberra, A.C.T., Australia	Visiting Fellow 1985
Environmental Sciences Division Oak Ridge National Laboratory Oak Ridge, Tennessee 37831	ORAU Faculty Research Participant 1984-1985
EPRI Acid Rain Study Indiana University Bloomington, IN 47405	Statistical Consultant 1983-1986
Office of Research & Development U.S. Environmental Protection Agency Washington, D.C. 20460	Environmental Science & Engineering Fellow Summer 1982
Radiological & Environmental Research Division Argonne National Laboratory Argonne, IL 60439	Summer Faculty Participant Summer 1980
Advanced Study Program National Center for Atmospheric Research Boulder, CO 80303	Visiting Scientist Summer 1976

PROFESSIONAL SOCIETIES:

American Chemical Society
American Institute of Biological Sciences
American Statistical Association
Biometrics Society
Ecological Society of America

HONORS:

AAAS-EPA Environmental Science & Engineering Fellowship, 1982
Dean's Teaching Award, School of Public & Environmental Affairs, 1982
Fulbright Grant to Australia, 1966
Tau Beta Pi & Sigma Tau, honorary engineering fraternities, 1964

GENERAL RESEARCH INTERESTS:

Scientific and public-policy implications of statistical hypothesis testing.
Procedures for conducting statistical equivalence tests.
Statistics of microbial distributions in the environmental.
Uptake and emission of gases (including carbon dioxide, water vapor, sulfur dioxide, ozone, and other pollutant gases) by leaves of plants
Anatomy of plant leaves in relation to environment. Adaptive nature of leaf size, shape, and internal structure.

TEACHING ASSIGNMENTS:

Undergraduate courses:
Continuous simulation modelling
Ecological modelling
Environmental problems survey courses
Introduction to environmental science
Environmental toxicology
General botany (teaching assistant)
Introductory statistics
Plant ecology

Graduate courses:
Applied mathematics for environmental science
Biostatistics; Statistics for environmental science
Continuous simulation modelling
Creation and solution of environmental models
Differential equations for environmental science
Environmental and social systems
Environmental risk and decision analysis
Environmental toxicology
General ecology (with applications)
Scientific computation
Technical and professional writing

PROFESSIONAL ACTIVITIES:

Member, Editorial Board of *Ecological Applications*, a journal of the Ecological Society of America. 2005–present.

PROFESSIONAL ACTIVITIES (continued):

Statistical advisor to and reviewer for P.E. LaMoreaux & Associates, Inc. (PELA), for statistical data gathering and analysis plans for monitoring a landfill recently constructed by an Indiana firm in karst (limestone) topography. 2005.

Indiana Department of Environmental Management (IDEM)—Member of SPEA's committee to coordinate the School's co-sponsorship of the second Midwestern States Risk Assessment Symposium, initiated by IDEM and held in Indianapolis in August 2004. Co-chairman of the session on "Characterizing Brownfield Sites" and member of panel discussion on that topic.

Participant, U.S. Environmental Protection Agency (EPA) workshop on "Recreational Beaches: Statistical Framework for Water Quality Criteria and Monitoring," Cincinnati, OH, December, 2004.

Advisor to, and expert witness for, the Mikkosukee Tribe of Indians and the Friends of the Everglades, in their suit to require the Florida Department of Environmental Protection to rewrite their regulations for phosphorus discharges from agricultural lands into the Everglades. Fall-Winter, 2003.

Invited seminar, US EPA, Cincinnati, OH. "Tree Analysis of Indicator Bacterium Concentrations at Five Swimming Beaches in Relation to Environmental Variables." April 2003.

Consultant to US EPA, performing tree regression analyses with data on indicator bacterium concentrations at US swimming beaches, 2002–2003

Chair, coordinating committee for SPEA co-sponsorship of the IDEM Midwestern States Risk Assessment Symposium, to be held in July, 2002. (2001 and 2002)

Participant, U.S. Environmental Protection Agency (EPA) expert statistical panel on design and data analysis for an epidemiological study of microbial safety at swimming beaches, Cincinnati, December 2001, May 2002, March 2003, May 2004, January 2005..

Member, Advisory Council to Indiana University's Scholarship of Teaching and Learning (SOTL) program, 2001–2005. Contributed course portfolio to multi-university Peer Review Project, 2003.

Instructor, Short course in environmental statistics, Society for Environmental Toxicology and Chemistry, North Atlantic Chapter, Portland ME, 2002.

Lecturer, providing statistical training to staff of the Indiana Department of Environmental Management (IDEM), six lectures, 2001.

Consultant, reviewing a statistical plan for monitoring at a new industrial waste landfill in Indiana, 2000–present.

Participant, multi-university Peer-Review Project to improve consideration of teaching in promotion and tenure decisions, 2000–present.

Participant, Indiana Department of Environmental Management advisory workgroup on the IDEM Risc-Integrated System of Closure, 1999–2001.

PROFESSIONAL ACTIVITIES (Continued):

Convenor and member, Indiana Department of Environmental Management (IDEM) environmental group advisory panel for the Risc-Integrated System of Closure, 2000–2001.

Participant, U.S. Environmental Protection Agency (EPA) workshop on the EMPACT Beach Project, Cincinnati, June 1999 and March 2001.

Expert panelist, U.S. Environmental Protection Agency (EPA) public meeting on statistical analysis for Microbial-Disinfection Byproducts (M-DBP), Washington, D.C., November, 1998.

Participant, Intergovernmental Panel on Climate Change (IPCC) expert meeting on Risk Management Methods. Toronto, April 30–May 1, 1998.

Member, EPA Citizen Information Committee on Superfund PCB cleanup activities. 1989-1990.

Participant, Workshop on Ecosystem Risk Assessment and Monitoring. National Research Council. Board on Environmental Studies and Toxicology. Airlie House, Virginia. March 1989.

Participant, Seminar in the Treatment of Uncertainty in Various Sciences. Supported by the Multidisciplinary Seminar Program, Dean of Faculties Office, Indiana University. 1987-1988.

Member, Standard Methods Committee of the American Water Works Association, which produces the guide, *Standard Methods for Water and Wastewater*, 1988–present.

Coordinator of Workshop on Health Risk Assessment, with Environ Corporation, February 1986.

Statistical consultant for research project on "Paleoecological Investigations of Recent Lake Acidification." This project, sponsored by the Electric Power Research Institute, involved seven universities and was administered at Indiana University. 1983-1986.

Consultant to U.S. Forest Service, Washington, D.C., 1983–1984, on calculating off-target drift of herbicide sprays, and consultant for other environmental questions.

Sassafras Audubon Society: Forestry Advisor, 1978-1980; Board of Directors, 1982- 1984, 1987-present; executive Board, 1983-1984.

Invited participant in Symposium on Evolutionary Constraints on Primary Productivity. Cabot Foundation, Harvard University, August, 1983.

Group leader, Workshop in Environmental Risk Assessment, National Association for Environmental Education Conference, Silver Bay, New York, October, 1982.

Participant, EPA Workshop on Paleolimnological Studies of the History and Effects of Acidic Precipitation, Rockland, Maine, May, 1984.

Panel participant, "Hazardous waste disposal in Indiana," League of Women Voters, Bloomington, Indiana, September, 1982.

PROFESSIONAL ACTIVITIES (Continued):

Environmental Defense Fund. Scientists' Advisory Committee, 1975 to present; reviewed Toxic Waste Handbook, 1982.

City of Bloomington Environmental Commission. Commissioner, 1974 to 1989, Vice-Chairman, 1975-1977, Chairman, 1980-1981.

Invited participant, Workshop on Dry Deposition Methodology, Argonne National Laboratory, Argonne, IL, December, 1979. Sponsored by the U.S. Environmental Protection Agency.

Landscape Advisory Committee, Bloomington Planning Department, 1978-1979.

Cedar Bluffs Nature Preserve, Stewardship Committee, 1978-1982.

City of Bloomington Plan Commission -- Technical Advisory Committee, 1975-1983.

PUBLICATIONS:

Book:

D.F. Parkhurst. 2006. *Introduction to Applied Mathematics for Environmental Science*. Springer Science+Business Media, LLC, New York.

Journal Articles and Book Chapters:

D.F. Parkhurst and D.M. Gates. 1966. Transpiration resistance and energy budget of *Populus sargentii* leaves. *Nature* 210:172-174.

D.F. Parkhurst, P.R. Duncan, D.M. Gates, and F. Kreith. 1968. Wind-tunnel modelling of convection of heat between air and broad leaves of plants. *Agricultural Meteorology* 5:33-47.

D.F. Parkhurst, P.R. Duncan, D.M. Gates, and F. Kreith. 1968. Convection heat transfer from broad leaves of plants. *Journal of Heat Transfer (Transactions of the ASME, Series C)* 90:71-76.

H.L. Harrison, O.L. Loucks, J.W. Mitchell, D.F. Parkhurst, C.R. Tracy, D.G. Watts, and V.J. Yannacone. 1970. Systems Studies of DDT Transport. *Science* 170: 503-508.

D.F. Parkhurst and G.I. Pearman. 1972. Tree seedling growth: effects of shaking. *Science*

D.F. Parkhurst. 1972. Conductive capacities of veins in expanding leaves of Quercus. *Australian Journal of Biological Science* 25:425-428.

D.F. Parkhurst and O.L. Loucks. 1972. Optimal leaf size in relation to environment. *Journal of Ecology* 60:505-537.

D.F. Parkhurst and G.I. Pearman. 1974. Convective heat transfer from a semi-infinite flat plate to periodic flow at various angles of incidence. *Agricultural Meteorology* 13:282-292.

D.F. Parkhurst. 1976. Effects of *Verbascum thapsus* leaf hairs on heat and mass transfer: a reassessment. *New Phytologist* 76:453-457.

D.F. Parkhurst. 1976. A profile diagram for focusing thought on environmental problems. *AIBS Education Review* 5:15.

Journal Articles and Book Chapters (Continued):

D.F. Parkhurst. 1977. A three-dimensional model for CO2 uptake by continuously distributed mesophyll in leaves. *Journal of Theoretical Biology* 67:471-488.

D.F. Parkhurst. 1978. Adaptive significance of stomatal occurrence on one or both surfaces of leaves. *Journal of Ecology* 66:367-383.

D.F. Parkhurst. 1982. Stereological methods for measuring internal leaf structure variables. *American Journal of Botany* 69:31-39.

D.F. Parkhurst. 1982. Adaptive significance of stomatal distribution on the leaf surface (In Russian). *Fiziologiya I Biokhimiya Kulturnykh Rastenii* (Physiology and Biochemistry of Cultivated Plants) 14:315-326. (Translated from *Journal of Ecology*, 1978).

D.F. Parkhurst. 1984. Mesophyll resistance to photosynthetic carbon dioxide uptake in leaves: Dependence upon stomatal aperture. *Canadian Journal of Botany* 62:163-165.

D.F. Parkhurst. 1984. Decision analysis for toxic waste releases. *Journal of Environmental Management* 18:105-130.

D.F. Parkhurst. 1984. Optimal sampling patterns for hazardous waste sites. *Environmental Science and Technology* 18:521-523.

D.F. Parkhurst. 1985. Interpreting failure to reject a null hypothesis. *Bulletin of the Ecological Society of America* 66:301-302.

D.F. Parkhurst. 1986. Internal leaf structure: A three-dimensional perspective. In T.J. Givnish (ed.), *On the Economy of Plant Form and Function*, pp. 215-249. Cambridge University Press, NY.

W.P. Porter, D.F. Parkhurst, and P.A. McClure. 1986. Critical radius of homeotherms. *American Journal of Physiology* (*Regulatory, Integrative, and Comparative Physiology*) 250: R699-R707.

G.W. Suter II, A.E. Rosen, E. Linder, and D.F. Parkhurst. 1987. Endpoints for responses of fish to chronic toxic exposures. *Environmental Toxicology and Chemistry* 6:793-809.

D.F. Parkhurst, S.C. Wong, G.D. Farquhar, and I.R. Cowan. 1988. Gradients of intercellular CO_2 levels across the leaf mesophyll. *Plant Physiology* 86:1032-1037.

D.F. Parkhurst. 1990. Statistical hypothesis tests and statistical power in pure and applied science. In G.M. von Furstenberg (ed.), *Acting Under Uncertainty: Multidisciplinary Conceptions*. Kluwer Academic Publishers.

D.F. Parkhurst and K.A. Mott. 1990. Intercellular diffusion limits to CO_2 uptake in leaves. Studies in air and helox. *Plant Physiology* 94:1024-1032.

K.A. Mott and D.F. Parkhurst. 1991. Stomatal responses to humidity in air and helox. *Plant, Cell, and Environment* 14:509-515.

D.F. Parkhurst. 1994. Diffusion of CO_2 and other gases inside leaves. *New Phytologist* 126:449-479.

D.F. Parkhurst. 1998. Arithmetic versus geometric means for environmental concentration data. *Environmental Science and Technology* 32(3):92A–98A.

Journal Articles and Book Chapters (Continued):

D.F. Parkhurst and D.A. Stern. 1998. Determining average concentrations of *Cryptosporidium* and other pathogens in water. *Environmental Science and Technology* 32(21): 3424–3429.

M. M. Carreiro, K. Howe, D. F. Parkhurst, and R.V. Pouyat. 1999. Variations in quality and decomposability of red oak leaf litter along an urban-rural gradient. *Biology and Fertility of Soils* 30:258–268.

M.M. Carreiro, R.L. Sinsabaugh, D.A. Repert, and D.F. Parkhurst. 2000. Microbial enzyme shifts explain litter decay responses to simulated nitrogen deposition. *Ecology* 81:2359–2365.

D.F. Parkhurst. 2001. Statistical significance tests: Equivalence and reverse tests should reduce misinterpretation. *Bioscience* 51:1051–1057.

D.F. Parkhurst, Brenner, K.P., Dufour, A.P., and Wymer, L.J. 2005. Indicator bacteria at five swimming beaches—analysis using random forests. *Water Research* 39(7): 1354–1360.

D.F. Parkhurst, G.F. Craun, and J.A. Soller. 2007. "Conceptual bases for relating illness risk to indicator concentrations". In L.J. Wymer, ed., *Statistical Framework for Recreational Water Quality Criteria and Monitoring*. pp. 19-44. Wylie, New York.

Yeager RL, Parkhurst DF, Henshel DS. 2007. Graphical methods for exploratory analysis of complex data sets. *Bioscience* 57: 673-679.

Other Publications and Papers:

D.F. Parkhurst, 1961-1963. Five articles in the *Colorado Engineer*.

D.F. Parkhurst. 1968. Convection in the leaf-air interface: some contributions to the theory, and an ecological application. M.S. thesis, University of Wisconsin.

D.F. Parkhurst. 1968. Differential cooling effects between conifer and broadleaf foliage (Abstract). *Bulletin of the Ecological Society of America* 49:70.

O.L. Loucks and D.F. Parkhurst. 1968. Micrometeorological profiles in deciduous forest and their relationship to understory composition (Abstract). *Bulletin of the Ecological Society of America* 49:80.

D.F. Parkhurst. 1969. Optimal leaf size in relation to climate (Abstract). *Biometeorology* 4 (Part II):60.

D.F. Parkhurst. 1970. Optimal leaf size in relation to environment. Ph.D. thesis, Botany Department, University of Wisconsin.

D.F. Parkhurst and C.R. Tracy, and J.W. Mitchell. 1971. Convection from leaf models in a forest, Australia-New Zealand Association for the Advancement of Science Congress, Brisbane, May, 1971.

D.F. Parkhurst and G.I. Pearman. 1973. Convective heat transfer from a semi-infinite flat-plate leaf model to periodic flow in a wind tunnel. First Australian Conference on Heat and Mass Transfer. Melbourne, Australia. May, 1973, pp. 49-56.

Other Publications and Papers (continued):

D.F. Parkhurst. 1976. Stomates on leaves: one side or both? (Abstract). *Bulletin of the Ecological Society of America* 57:18.

D.F. Parkhurst. 1977. A model for the adaptive significance of xeromorphy in leaves. (Abstract). *Bulletin of the Ecological Society of America* 58:33.

D.F. Parkhurst. 1978. Leaf structure in relation to environment: modelling approaches. (Abstract). *Bulletin of the Ecological Society of America* 59:83.

D.F. Parkhurst. 1980. Costs of growth could outweigh benefits. Invited guest column, Bloomington *Herald Telephone*, November 25, 1980.

D.F. Parkhurst. 1980. A finite element model for studying the dependence of photosynthesis on internal leaf structure (Abstract). *Bulletin of the Ecological Society of America* 61:69.

D.F. Parkhurst. 1981. Leaf structure of Indiana compositae: Exploratory multivariate analysis (Abstract). *Bulletin of the Ecological Society of America* 62:161.

J. Emlen, D.F. Parkhurst, J.C. Randolph, D. Whitehead, and D. Willard. 1982. The case for wilderness preservation in Indiana. 33 pages. Salt Creek Wilderness Coalition.

D.F. Parkhurst. 1983. Internal leaf structure: A three-dimensional perspective. Strategies of Energy Capture in Plants. Harvard Forest, Petersham, Mass.

D.F. Parkhurst. 1983. Letter to the editor, *Plant Sciences Bulletin*, April 16, 1984.

D.F. Parkhurst. 1984. Decision analysis for PCB contamination of an Indiana stream. (Abstract). *Bulletin of the Ecological Society of America* 65:220-221.

D.F. Parkhurst. 1984. A plant areal density model for capture of herbicide spray by off-target vegetation. Report for the U.S. Forest Service, Washington, D.C.

D.F. Parkhurst. 1984. Sources of error in lead-210 dating of lake sediments, with special reference to the PIRLA project. Report for the Electric Power Research Institute.

D.F. Parkhurst and G.W. Suter II. 1984. No-observed-effect levels: Some statistical properties, and the burden-of-proof issue. Paper presented to Annual Meeting of the Society for Risk Analysis, Knoxville, Tennessee, October, 1984. Abstracts, p. 9.

D.F. Parkhurst. 1985. Variability and errors in paleolimnology. In S.A. Norton (ed.), Proceedings of a Workshop on Paleolimnological Studies of the History and Effects of Acidic Precipitation. U.S. Environmental Protection Agency, Rockland, Maine.

D.F. Parkhurst. 1986. Understanding leaf structure: diffusive limitations to photosynthesis in relation to internal leaf structure. Sixth Midwest Conference on Population Biology. Bloomington, IN, March 1986.

D.F. Parkhurst, S.C. Wong, G.D. Farquhar, and I.R. Cowan. 1986. Gradients of CO partial pressure within leaves. (Abstract). *Bulletin of the Ecological Society of America* 67:144.

Nelson, C.E., S.J. Barton, and D.F. Parkhurst. 1986. Do tadpoles die for their siblings? (Abstract). *Bulletin of the Ecological Society of America* 67:157. (D.F.P. added as author after submission of abstract.)

Other Publications and Papers (continued):

Suter, G.W. II, A.E. Rosen, E. Linder, and D.F. Parkhurst. 1986. Benchmarks for responses of fish to chronic toxic exposures. Abstracts, p. 122, Seventh Annual Meeting of the Society for Environmental Toxicology and Chemistry, Arlington, VA, November, 1986.

D.F. Parkhurst. 1987. Photosynthesis in relation to internal leaf structure. Invited paper, XIV International Botanical Congress, Berlin, West Germany, July- August 1987.

Nelson, C.E., S.J. Barton, and D.F. Parkhurst. 1987. More on: Do tadpoles die for their siblings? (Abstract). *Proceedings of the Indiana Academy of Science* 96:201.

D.F. Parkhurst and D.A. Cristol. 1989. Analysis of the effects of color bands on dominance interactions in dark-eyed juncos. (Abstract). *Proceedings of the Indiana Academy of Science* 98:40.

D.F. Parkhurst and K.A. Mott. 1990. Intercellular diffusion limits carbon assimilation, especially in hypostomatous leaves. (Abstract). *Bulletin of the Ecological Society of America* 71(2):278-279.

Mott, K.A. and D.F. Parkhurst. 1991. Stomata respond to transpiration rate and not to humidity. (Abstract). *Bulletin of the Ecological Society of America* 72(2):200-201.

Bader, A., L. Janus, B. Klett, D. Parkhurst, M. Principe, and R.Y. Tokuz. 1993. *Implications of Phosphorus Loading for Water Quality in NYC Reservoirs.*. New York City Department of Environmental Protection. 65 pp.

Parkhurst, D.F. (ed). 1994. *Kensico Watershed Study, Augmented Annual Research Report, January 1993–March 1994*. New York City Department of Environmental Protection. 200+ pp.

D.F. Parkhurst. 1994. *Effects of Flow in a Stratum of Limited Depth on Coliform Levels in the Effluent Water*. New York City Department of Environmental Protection. 9 pp.

Parkhurst, D.F. and Benson, J.D. (eds). 1994. *Kensico Water Pollution Control Study, Contractor Recommendations and DEP Responses, December 1994*. New York City Department of Environmental Protection. 30 pp.

Parkhurst, D.F. (ed). 1995. *Kensico Watershed Study, Annual Research Report, April 1994–March 1995*. New York City Department of Environmental Protection. 245 pp.

Sharpe, A.J., C.V. Beckers, and D.F. Parkhurst. 1995. Kensico Reservoir Water Pollution Control Study. *Proceedings of the Water Resources Conference,* American Society of Civil Engineers, Boston, MA, May 1995.

Klett, B.R., D.F. Parkhurst, and F.R. Gaines. 1996. The Kensico watershed study, 1993-1995. Proceedings of the Watershed ’96 Conference, Baltimore, MD, pp. 536–538.

Parkhurst, D.F. 1998. Logical Interpretation of Statistical Hypothesis Tests (Abstract). Ecological Society of America. 83rd Annual Meeting. Baltimore, MD. August 2–6, 1998. Abstracts, page 104.

Other Publications and Papers (continued):

Carreiro, M., R. Sinsabaugh, D. Repert, and D. Parkhurst. 1999. Shifts in microbial enzymes and forest litter decay in response to nitrogen deposition. (Abstract). Enzymes in the Environment: Activity, Ecology & Applications. Granada, Spain. July 12–15, 1999. p. 65.

Wymer, L.J., Fulk, F., El-Shaawari, A., Parkhurst, D.F., Gilbert, R.O. and Succop, P. 2001. "Measurements of Fecal Contamination by New Rapid Methods and Their Relationships to Health Endpoints." Report of the DQO Workshop for Statistical Design of the Research Study, US EPA, Cincinnati, OH, December 5, 2001.

Parkhurst, D.F. 2003. Tree Analysis of Indicator Bacterium Concentrations at Five Beaches in Relation to Environmental Variables. Report to the US EPA Health Effects Research Laboratory, Cincinnati, OH. 30 pp.

Parkhurst, D.F. 2003. Course Portfolio for E538, Statistics for Environmental Science. Peer Review of Teaching project (www.unl.edu/peerrev. Pew Charitable Trusts, sponsor).

Craun,G., El-Shaarawi, A., Frost, F., Gilbert, R., Kanarek, M., Parkhurst, D., Poole, C., and Succop, P. 2003. "National Epidemiologic and Environmental Assessment. Recreational Water Study." Report of the Peer Review panel to the US EPA National Health and Environmental Effects Research Laboratory.

Zhou, W., Lounsbury, R.A., Beck, B.F., and Parkhurst, D.F. 2004. Statistical Evaluation Plan (StEP) for Karst Groundwater Monitoring Program, Lehigh Cement Company, Cement Kiln Dust Monofill Site, Mitchell, Lawrence County, Indiana. Solid Waste Disposal Facility, Restricted Waste Site Type I, Facility Permit Fp 47-5. P.E. LaMoreaux & Associates, Inc., Oak Ridge, Tennessee(PELA).

Craun,G., El-Shaarawi, A., Frost, F., Gilbert, R., Kanarek, M., Parkhurst, D., Poole, C., and Succop, P. 2004. "National Epidemiologic and Environmental Assessment. Recreational Water Study." Report of the Peer Review panel to the US EPA National Health and Environmental Effects Research Laboratory.

Parkhurst, D.F. 2004. Cautions about significance tests. Contribution to a panel discussion on "Characterization of Brownfield Sites" at the Second Midwestern States Risk Assessment Symposium, August 25-27, 2004, Indianapolis.

Parkhurst, D.F. 2004. Averaging Indicator Concentrations to Estimate Illness Risk—Some Conceptual Considerations. Presentation at the EPA workshop on "Recreational Beaches: Statistical Framework for Water Quality Criteria and Monitoring," Cincinnati. December, 2004.

Parkhurst, D.F. 2003. Course portfolio for E538, Statistics for Environmental Science. See http://www.courseportfolio.org/peer/pages/index.jsp?what=portfolioObject D&portfolioObjectId=118 and http://www.courseportfolio.org/peer/potfolioFiles/anonF/parkhurst-d-2003-1/.

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