

JOHN F. GAMBLE, Ph.D.
Curriculum Vitae
2006

EDUCATION

Ph.D.	School of Public Health University of North Carolina Chapel Hill, NC	1975
M.S.PH.	School of Public Health University of North Carolina Chapel Hill, NC	1971
Graduate Study Zoology	Duke University Durham, NC	1963-1965
A.M. Biology	Oberlin College Oberlin, OH	1963
A.B. Biology	Central Methodist College Fayette, MO	1961

EXPERIENCE

Consultant: johnngamble@patmedia.net		2005-present
International Environmental Research Foundation jfgamble@ierfinc.org		2005-present
ExxonMobil Biomedical Sciences, Inc 1545 Route 22 East, P.O. Box 971 Annandale, NJ 08801-0971 (908)730-1096 Fax 1192 john.f.gamble@exxonmobil.com	Consultant Senior Scientific Associate Senior Staff Epidemiologist Epidemiologist Occupational and Public Health Division	2005-present 2001-2005 1992-2001 1990-1992
Division of Safety Research NIOSH Morgantown, WV	Industrial Hygienist	1989-1990
Division of Respiratory	Chief, Epidemiology and	1977-1989

John F. Gamble
Page 2
Disease Studies
NIOSH
Morgantown, WV

Statistics Section
Epidemiologist

Occupational Health
Study Group
School of Public Health
University of North Carolina
Chapel Hill, NC

Research Associate
Research Assistant

1975-1976
1972-1975

North Carolina Central University
Durham, NC

Instructor and Assistant
Professor of Biology

1965-1975

PUBLICATIONS

Gamble JF, Nicolich MJ, Comments on the Updated Harvard Six Cities Study, Am J Resp Critical Care Med, to be published.

Hessel PA, Gamble JF, McDonald JC, Asbestos, asbestosis, and lung cancer: a critical assessment of the epidemiological evidence, Thorax 60:433-436 (2005)

Nicolich MJ, Gamble JF, Uncertainty and PM Related Acute Health Effects: Is there a benefit from further PM regulation?, submitted for publication in Environmental Health Perspectives (2006)

Gamble JF, Risk of Gastrointestinal Cancer from Inhalation and Ingestion of Asbestos, to be published in J Reg Tox Pharm (2006).

Gamble JF, Gibbs, G, An evaluation of the risks of lung cancer and mesothelioma from exposure to amphibole cleavage fragments, to be published in J Reg Tox Pharm (2006).

Gamble JF, Hessel PA, Nicolich M, Relationship between silicosis and lung function, Scand J Work Environ Health 30:5-20 (2004).

Hessel PA, Gamble JF, Nicolich MJ, Relationship between Silicosis and Smoking, Scand J Work Environ Health 29:329-336 (2003).

Bukowski JA, Lewis RJ, Gamble JF, Wojcik NC, Laumbach RJ, Range finding study of risk factors for Childhood Asthma Development and their potential impact on National Asthma Prevalence, J Human Ecol Risk Assessment 8:735-766 (2002)

Nicolich, MJ, Gamble JF Commentary on "Urban Air Pollution and Lung Cancer in Stockholm,"
Epidemiology 12:590-2 (2001).

Jaques A, Gamble JF, Tsai, SP "Hydrocarbon Exposure and Parkinson's Disease," Neurology 57:371-
2 (2001).

Gamble JF. "Low-level Hydrocarbon Solvent Exposure and Neurobehavioral Effects." Occup Med
50(1):81-102 (2000).

Gamble JF. "Is Silica a Human Carcinogen? A Weight of the Evidence Review." Report prepared for
silica coalition and submitted to NTP and ACGIH TLV Committee. Presentation of results to
TLV Committee.

Hessel PA, Gamble, JF, Gee JBL, Gibbs G, Green FHY, Morgan, WKC, Mossman BT (2000).
"Silica, Silicosis, and Lung Cancer: A Response to a Recent Working Group Report, J Occup
Env Med 42:704-720.

Lewis RJ, Gamble JF, Jorgensen G, "Mortality Among Three Refinery/Petrochemical Plant Cohorts.
I. 1970 to 1982 Active/Terminated Workers, JOEM 42:721-729 (2000).

Gamble JF, Lewis RJ, Jorgensen G, "Mortality Among Three Refinery/Petrochemical Plant Cohorts.
II. Retirees," JOEM 42:730-736 (2000).

Gamble JF, Nicolich MJ, "Comparison of Ambient PM Risk with Risk Estimates from PM
Components of Smoking and Occupational Exposures," J Air & Waste Water Management
50:1514-1531 (2000). Also presented at PM 2000 Conference, Charleston, SC, January 24-28,
2000.

Gamble JF, Nicolich MJ, "Evidence of a Threshold Effect for TSP in the Philadelphia Data Set,"
J Env Med 1:279-290 (1999).

Gamble JF. "Occupational Epidemiology: Some Guideposts", Chapter 64 in 5th Edition of Patty's
Industrial Hygiene and Toxicology Edited by R. L. Harris, John Wiley and Sons, 3089-3147.

Gamble JF. Reply to Konzli and Tager regarding Causality in PM_{2.5} Cohort Studies in Environ.
Health Perspectives 107:A235-6 (1999).

Gamble JF. Response to Loomis et al. in Environ Health Perspect 107:A4-5 (1999).

Gamble JF, Nicolich MJ, Barone NB, Vincent WJ. "On the Exposure-Response of Asphalt Fumes
with Changes in Pulmonary Function and Symptoms: A Shift Study." (1999) Scand J Work
Env Hlth 25:186-200. Results presented at Toxicology Forum, Aspen, Colorado, July, 1999.

-
- Gamble JF. "PM_{2.5} and Mortality in Long-term Prospective Cohort Studies: Cause-effect or Statistical Associations?," *Environ Health Perspect* 106:535-549 (1998).
- Gamble JF. "Nitrogen Dioxide: Evaluation of Human Health Risks in Chamber Studies", CONCAWE Report No. 96/59, Brussels (1996).
- Gamble JF. "Review of WHO Regional Office for Europe Proposed Short-term SO₂ Air Quality Guideline", CONCAWE Report No. 96/58, Brussels (1996).
- Gamble JF, King D, Stephenson R, Tordoir WF. "Air Quality Standard for Particulate Matter", CONCAWE Report No. 95/62, Brussels (1996).
- Gamble JF, King D, Tordoir WF, Simpson B. Review and Critique of the APHEA Project, CONCAWE Report No. 96/61, Brussels (1996).
- Gamble JF, Lewis RJ. "Health and Respirable Particulate (PM₁₀) Air Pollution: A Causal or Statistical Association?," *Environ Health Perspect* 104:838-850 (1996).
- Gamble JF. "Are Petroleum Hydrocarbons a Kidney Carcinogen in Humans? A Review of the Epidemiologic Evidence", provisional acceptance for publication, *Int Arch Occup Environ Health* (1996).
- Gamble JF, Lerman SE, Holder WR, Nicolich MJ, Yarborough CM. "Physician-Based Case-Control Study of Nonmelanoma Skin Cancer in Baytown, Texas", *Occup Med* 46:186-196 (1996).
- Gamble JF, Pearlman E, Nicolich MJ. "A Nested Case-Control Study of Kidney Cancer Among Refinery/Petrochemical Workers", *Environ Health Perspect* 104:642-650 (1996).
- Gamble JF. "Asbestos and Colon Cancer: A Weight of the Evidence Review", *Environ Health Perspect* 102:1038-1050 (1994).
- Gamble JF (1993). "Diesel Exhaust, Effects on the Respiratory System", *Handbook of Hazardous Materials*, M. Corn (ed), Academic Press, Inc., p. 183-200 (1993).
- Hewett P, Pallay B, Gamble JF. "A Model for Correcting Workplace Protection Factors for Pulmonary Deposition and Other Effects," *Am Ind Hyg Assoc J* 54:142-9 (1993). Nominated for the 1994 Charles C. Shepard Science Award, CDC and ASTDR.
- Observer on the WHO Task Group on Environmental Health Criteria for Benzene, International Programme on Chemical Safety, EHC 150 (1993). World Health Organization, Geneva.
- Pearson, RCC, Battigelli, MC, Gamble, JF. "Mortality from Working in the Aluminum Reduction Industry," *Environ Res* 61:19-24 (1993).

John F. Gamble

Page 5

Gamble JF. "A Nested Case-Control Study of Lung Cancer Among New York Talc Workers," *Int Arch Occup Environ Health* 64:449-56 (1992).

Gamble JF. "Nonasbestiform Analogues of Asbestos: Are They Carcinogens?" Accepted for publication in *Scand J Work Environ Health* (1992); not published for lack of funding.

Pallay B, Gamble JF, Peterson M et al. "Workplace Protection Factors (WPF) Study of Particulate Air Purifying Respirators at Two Lead-Acid Battery Manufacturing Facilities," being revised for publication in *Am Ind Hyg Assoc J* (1992).

Gamble J, Battigelli M. "Occupational Epidemiology-Some Guideposts," Chapter 26, pp 35-71 in *Patty's Industrial Hygiene and Toxicology, Fourth Edition Vol 1, Part B*, Edited by G. D. Clayton and F.E. Clayton, 1991, John Wiley and Sons, Inc.

Gamble J, Hewitt P, Pallay B. "Role of Lung Deposition and Particle Size on Estimation of Workplace Factors for Particulate Air Purifying Respirators: A Proposed Model," Presentation to AIHA, May 1990.

Pallay B, Myers W, Stevens J, Petersen M, Jeram L, Allender J, Gamble J, Hewitt P, Noonan G, Greiss T, Bauman S. "Workplace Protection Factors Study of Particulate Air Purifying Respirators at a Lead-Acid Battery Manufacturing Facility": Status Report (1989), presented at ISRP Conference, San Francisco, California, November 1989.

Gamble JF, Sieber WK, Wheeler RW, Reger R, Hall B. "A Cross-Sectional Study of U.S. Attapulgit Workers", *Ann Occup Hyg* 32:475-81, Suppl. 1 (1988).

Gamble JF, Jones W, Minshall S. "Epidemiological/Environmental Study of Diesel Bus Garage Workers: Chronic Effects of Diesel Exhaust on the Respiratory System", *Environ Res* 44:6-17 (1987).

Gamble JF, Jones W, Minshall S. "Epidemiological/Environmental Study of Diesel Bus Garage Workers: Acute Effects of Diesel Exhaust on the Respiratory System", *Environ Res* 42:201-214 (1987).

Richards TB, Gamble JF, Castellan RM, Mathias CGT. "Knuckle-Pads in Line-Chicken Hangers", *Contact Dermatitis* 17:13-16 (1987).

Whiting WB, Wallace WE, Gamble JF, Hearl FJ, Piacitelli L, Regard E, Ronk R. "Introducing Engineering Students to Health and Safety Aspects of Their Profession", 1986 *Frontiers in Education Conference Proceedings*, p. 30-35, Arlington, Texas, October 12-15, 1986.

Gamble JF. Silicate Pneumoconiosis, p. 243-286, in *Occupational Respiratory Diseases*. JA Merchant, BA Boehlecke, G Taylor, M Pickett-Harner, eds. U.S. DHHS, PHS, CDD, NIOSH, USGPO, Washington, DC, 1986. DHHS (NIOSH Publication No. 86-102).

- Gamble JF, Kellie S, Petersen M, Hodgson M. HETA 82-181-1720, August, 1986, Ford Motor Company, Utica, Michigan. A Morbidity Study of TDI Exposed Workers.
- Gamble JF, Morey P, Richards T, Petersen M, Castellan R. "Building-Related Respiratory Symptoms: Problems in Identification", Proc ASHRAE Conference IAQ'86 Managing Indoor Air for Health and Energy Conservation, April 19-23, 1986, Atlanta, Georgia, p. 16-30.
- Gamble JF, Jones W, Piacitelli GM. "Diesels in Underground Mines: An Epidemiologic Perspective", Poster at International Conference on the Health of Miners, Pittsburgh, PA, June 1985.
- Piacitelli G, Jones W, Gamble JF. "Diesels in the Occupational Environment: An Environmental Perspective", 1985 American Industrial Hygiene conference Abstracts, p. 87 (Abstract).
- Jones W, Gamble JF, Piacitelli G. "Environmental Study of Diesel Bus Repair Shops", 1985 American Industrial Hygiene Conference Abstracts p. 86-87 (Abstract).
- Glenn R, Ames R, Attfield MD, Gamble JF, Hearl F, Reger R, Wheeler RW. "Respiratory Health Effects in Relation to Underground Diesel Use", Proc. VI International Pneumoconiosis Conference 1983, Bochum, German, Vol, 2, p. 1351-8, 1984.
- Gamble JF, Jones W, Hancock J, Meckstroth RL. "Epidemiological-Environmental Study of Battery Workers. III. Chronic Effects of Sulfuric Acid on the Respiratory System and Teeth", Environ Res 35:30-52 (1984).
- Gamble JF, Jones W, Hancock J. "Epidemiological-Environmental Study of Battery Workers. II. Acute Effects of Sulfuric Acid on the Respiratory System", Environ Res 35:11-29 (1984).
- Jones W, Gamble JF. "Epidemiologic-Environmental Study of Battery Workers. I. Environmental Study of Five Lead-Acid Battery Plants", Environ Res 35:1-10 (1984).
- Member of the Epidemiology Panel, Consensus Workshop on Formaldehyde, Little Rock, Arkansas, October 3-6, 1983. Report published in Environ Health Perspect 48:323-381 (1984).
- Richards T, Cornwell R, Gamble JF. HETA 83-379, March 1984, U. of Louisville, Ekstrom Library, Louisville, Kentucky, DRDS, NIOSH, Morgantown, West Virginia.
- Ames RG, Gamble JF. "Lung Cancer, Stomach Cancer, and Smoking Status Among Coal Miners, A Preliminary Test of a Hypothesis", Scand J Work Environ and Health 9:443-8 (1983).
- Attfield MD, Gamble JF. "A Review of the Epidemiological Evidence Concerning the Respiratory Health Effects of Mineral Dust and Diesel Fumes", Potash Conference, 1983.

"Effects of Formaldehyde on the Respiratory System", presented at the Third CIIT Conference on Toxicology, Formaldehyde, and Toxicity, published in Formaldehyde Toxicity, JE Gibson (ed), Hemisphere Publ. Corp., Washington, DC, 1983.

Gamble JF, Ames R. "The Role of the Lung in Stomach Carcinogenesis: A Revision of the Meyer Hypothesis", Medical Hypotheses 11:359-364 (1983).

Gamble JF, Jones W, Hudak J. "An Epidemiological Study of Salt Miners in Diesel and Non-Diesel Mines", Am J Ind Med 4:435-458 (1983).

Gamble JF, Jones W, Minshall S. "Epidemiological/Environmental Study of Diesel Bus Garage Workers", presented at the American Industrial Hygiene Conference, May 26, 1983, Philadelphia, PA.

Gamble JF, Jones W. "Chronic Health Effects of Exposure to Diesel Emissions Among Salt Miners", Annals of American Conference of Governmental Industrial Hygiene 4:73-83 (1983).

Gamble JF, Jones W. "Respiratory Effects of Diesel Exhaust in Salt Miners", Am Rev Resp Disease 128:389-394 (1983).

NIOSH representatives on study group on Recommended Health-Based Limits in Occupational Exposure to Respiratory Irritants. WHO, Geneva, Switzerland, June 14-20, 1983. (Cl₂, SO₂, NO₂, Formaldehyde).

Gamble JF, Greife A. "Health Studies of Miners and Millers Exposed to Talc", in Health Issues Related to Metal and Non-metallic Mining, W. W. Wagner, W. N. Rom, and J. A. Merchant (eds). Butterworth Publishers, Boston, 1983. Fourth Annual RMCOEH Occupational and Environmental Health Conference, Park City, Utah, April 7-9, 1982, p. 277-302.

Gamble JF, Greife A, Hancock J. "An Epidemiologic-Industrial Hygiene Study of Talc Workers", Proceedings of the Fifth International Symposium on Inhaled Particles and Vapours, Cardiff, 1980, Ann Occup Hyg 26:841-859 (1982).

Gamble JF. "Preliminary Findings of an Epidemiologic Study of Talc Workers." Proceedings of NCI/EPA/NIOSH Workshop on Environmental and Occupational Carcinogenesis. May 1980.

Gamble JF, Greife A. "Cross-Sectional Epidemiologic and Industrial Hygiene Survey of Talc Workers Mining Ore from Montana, Texas and North Carolina." In: Proceedings of National Workshop of Substitutes for Asbestos, EPA, July 1980.

Dement JM, Gamble JF et al. "Occupational Exposure to Talc Containing Asbestos." DHEW (NIOSH) Publication No. 80-115 (1980).

John F. Gamble

Page 8

Panel member of the CPSC "Report of the Federal Panel on Formaldehyde", Environ Health Perspect 43:139-168 (1980).

"Health Effects of Wood Dust", Occupational and Health Symposium, 1979,
USDHHS/PHS/CDD/NIOSH, June 1980, DHHS (NIOSH) Publication Number 80-139.

Bridbord K, Costello J, Gamble JF, Groce D, Hutchison M, Jones W, Merchant J, Ortmeyer C, Reger R, Wagner WL. "Occupational Safety and Health Implications of Increased Coal Utilization", Environ Health Perspect 33:285-302 (1979).

Gamble JF, Fellner W, DiMeo MJ. "An Epidemiologic Study of a Group of Talc Workers", Am Rev Resp Dis 119:741-753 (1979).

Gamble JF, Jones W. "Health Effects of Salt (NaCl) by Inhalation", presented at the Salt Institute Dust Seminar, Chicago, Illinois, November 6, 1979.

Gamble JF, Jones W, Hudak, J, Merchant JA. "Acute Changes in Pulmonary Function in Salt Miners Exposed to Diesel Exhausts." In: ACGIH Conference on Mining and Tunneling, Proceedings of Topical Symposium, ACGIH, 1979, p. 119-128.

Gamble J, Fellner W, DiMeo MJ. "Respiratory Morbidity Among Miners and Millers of Asbestiform Talc", Society for Occupational and Environmental Health Symposium on Occupational Exposures to Fibrous and Particulate Dust and Their Extension into the Environment; December 4-7, 1977, published in Dusts and Disease, R. Lemen and JM Dement (ed), Pathotox Publisher (1979), p. 309-316.

Gamble JF, Battigelli MC. Chapter 5, p. 113-134, Epidemiology, published in Patty's Industrial Hygiene and Toxicology: Third Revised Edition, Volume I, General Principles, edited by G. D. and F.E. Clayton. John Wiley & Sons, Inc., 1978.

Battigelli MC, Fischer JJ, Gamble JF. "Controlled Human Exposures to Cotton Dust", paper for the Annual Research Meeting of the National Cotton Council, Atlanta, Georgia, January 10, 1977.

Heath CW, Dumont CR, Gamble JF, Waxweiler RJ; Chromosomal Damage in Men Occupationally Exposed to Vinyl Chloride Monomer and Other Chemicals", Environ Res 14:68-72 (1977).

Spirtas R, Van Ert M, Gamble JF, Wolf PH, McMichael AJ. "Toxicologic, Industrial Hygiene and Epidemiologic Considerations in the Possible Association Between SBR Manufacturing and Neoplasms of Lymphatic and Hematopoietic Tissues", Occupational Health Study Group, University of North Carolina, 1977.

Gamble JF, Liu SL, McMichael AJ, Waxweiler RJ. "Effect of Occupational and Non-occupational Factors on the Respiratory System of Vinyl Chloride and Other Workers", J Occup Med 18:659-670 (1976).

- Gamble JF, McMichael AJ, Williams T, Battigelli MC. "Respiratory Function and Symptoms: An Environmental-Epidemiologic Study of Selected Rubber Workers", *Am Ind Hyg Assoc J* 37:499-513 (1976).
- Gamble JF, Spirtas R. "Job Classification and Utilization of Complete Work Histories in Occupational Epidemiology", *J Occup Med* 18:399-404 (1976).
- Gamble JF, Spirtas R, Easter P. "Application of a Job Classification System", *Am J Public Health* 66:768-72 (1976).
- Gamble JF, Symons MJ, Williams TM. "Raw Material Usage as Related to Dermatitis Among Rubber Workers", presented at American Industrial Hygiene Meeting, Atlanta, Georgia, May 21, 1976.
- McMichael AJ, Gerber WS, Gamble JF, Lednar WM. "Chronic Respiratory Symptoms and Job Type Within the Rubber Industry", *J Occup Med* 18:611 (1976).
- McMichael AJ, Spirtas R, Gamble JF, Tousey PM. "Mortality Among Rubber Workers: Relationship to Specific Jobs", *J Occup Med* 18:178-185 (1976).
- Battigelli MC, Gamble JF. "Review of Inhalation Toxicology of Sulfuric Acid and Sulfates", *Air Quality Monograph #75-25*, American Petroleum Institute (1975), p. 89.
- Gamble JF, Fischer JJ, Battigelli MC. "Alternative Methods of Exposure in Provocative Tests in Byssinosis", *Cotton Dust, Proceedings of a Topical Symposium*, November 12, 13, 1974. American Conference of Governmental Industrial, Cincinnati, Ohio, 1975, p. 110.
- McMichael AJ, Spirtas R, Kupper LL, Gamble JF. "Solvent Exposure and Leukemia Among Rubber Workers: An Epidemiologic Study", *J Occup Med* 17:234-239 (1975).
- Spirtas R, McMichael AJ, Gamble JF, Van Ert M. "The Association of Vinyl Chloride Exposures with Morbidity Symptoms", *Am Ind Hyg Assoc J* 36:779 (1975).
- Gamble JF. "Adaptation and Health". *Environmental Sciences and Engineering*, Publication #273, School of Public Health, University of North Carolina (1971).
- Klopfer PH, Gamble JF. "Maternal 'Imprinting' in Goats: The Role of Chemical Senses", *Zeitschrift fur Tierpsychologie* 23:588 (1966).