

CURRICULUM VITAE

Name: David C. Christiani, MD, MPH, MS
 Professor of Occupational Medicine and Epidemiology
 Harvard School of Public Health
 Professor of Medicine
 Harvard Medical School

Addresses: Department of Environmental Health
 Occupational Health Program
 665 Huntington Avenue, I-1407
 Boston MA, 02115

Pulmonary/Critical Care Unit
 Massachusetts General Hospital
 Boston MA, 02114

Northeast Specialty Hospital
 2001 Washington Street
 Braintree, MA 02184

Date of Birth: March 27, 1951

Place of Birth: Bridgeport, Connecticut

EDUCATION

<u>DATE</u>	<u>DISCIPLINE</u>	<u>DEGREE</u>	<u>INSTITUTION</u>
1972	Physics	B.S.	Fairfield University
1976	Medicine	M.D.	Tufts University
1980	Occupational Health	M.P.H.	Harvard University
1981	Physiology	M.S.	Harvard University

**POSTDOCTORAL TRAINING:
CLINICAL AND RESEARCH FELLOWSHIPS**

<u>DATES</u>	<u>FIELD OF RESEARCH</u>	<u>PLACE</u>	<u>TITLE</u>
1979-1981	Occupational Medicine	Harvard School of Public Health	Fellow
1985-1987	Pulmonary Pathophysiology	Mass General Hospital, Harvard Medical School	Clinical & Research Fellow

INTERNSHIPS AND RESIDENCY

<u>DATES</u>	<u>SPECIALTY</u>	<u>HOSPITAL</u>
1976-1977	Intern (Medicine)	Boston City Hospital
1977-1978	Junior Assistant Resident	Boston City Hospital
1978-1979	Senior Assistant Resident	Boston City Hospital

LICENSURE AND CERTIFICATION

<u>DATE</u>	<u>TYPE OF LICENSE OR CERTIFICATION</u>
1977	American Board of Medical Examiners
1978	Massachusetts License Registration No. 42822
1979	American Board of Internal Medicine
1983	American Board of Preventive Medicine (Occupational Medicine)
1988	American Board of Pulmonary Diseases

ACADEMIC APPOINTMENTS

<u>DATES</u>	<u>TITLE</u>	<u>DEPARTMENT</u>	<u>INSTITUTION</u>
1985-1987	Clinical and Research Fellow	Pulmonary Med and Pulmonary Pathophysiology	Mass General Hospital and Harvard Med School
1990-1995	Assoc Prof of Occup Medicine	Env Health	Harvard School of Public Health
1987-1990	Asst Prof of Occup Medicine	Env Science and Physiology	Harvard School of Public Health
1987-1996	Adjunct Faculty	Medicine	U-Mass Medical Center
1987-1996	Adjunct Faculty	Work Environment	U-Mass at Lowell
1987-1996	Director	Occup and Env Med Residency Training Program	Harvard School of Public Health
1991-1996	Assoc Prof of Medicine	Medicine	Harvard Med School
1995-present	Prof of Occup Med & Epidemiology	Env Health, Epidemiology	Harvard School of Public Health
1996-present	Professor of Medicine	Medicine	Harvard Medical School

HOSPITAL APPOINTMENTS

<u>DATES</u>	<u>TITLE</u>	<u>UNIT</u>	<u>HOSPITAL</u>
1982-1985	Senior Physician/ Clin Med Director	Outpatient Dept	Norfolk County Hospital for Respiratory Care
1983-present	Director	Center for Occup and Env Med	Northeast Specialty Hosp
1987-1991	Clinical Associate	Pulmonary and Crit Care Unit	Mass General Hospital
1991-present	Assist Physician	Pulmonary and Crit Care Unit	Mass General Hospital
1991-present	Co-Director	Occup Med Section, Pulmonary	Mass General Hospital
1996-present	Director	Occup Med Section, Pulmonary	Mass General Hospital
1997-2000	Assoc Physician	Pulmonary/Crit Care Unit	Mass General Hospital
2000-present	Physician	Pulmonary/Crit Care Unit	Mass General Hospital

AWARDS AND HONORS

1968	University Presidential Scholarship
1971	Alpha Omega Alpha (Pre-Med Honor Society)
1978-1979	Co-President, House Officers' Association, Boston City Hospital
1979	Acting Chief Resident, Boston City Hospital
1981-1982	Traveling Fellow (Visiting Scientist), Harvard University to Shanghai First Medical College, Shanghai, China
1986	National Program Scholar, Committee for Scholarly Communication with The People's Republic of China
1988-present	Fellow, American College of Chest Physicians
1994	Visiting Professor, Anhui Medical University, Anhui, China
1997	Visiting Professor, Shanghai Medical University, Shanghai China
1997	Visiting Professor, University of Iowa Medical Center
1998	Visiting Professor, Kaohsiung Medical College, Taiwan
1998	Honorary Professor, China-Japan Friendship Hospital, Beijing, China
1998	Visiting Professor, National Defense Medical College, Taipei, Taiwan
1998	ISS-SOT Paper of the Year (Co-Author), Toxicol Sci 1998; 43:204
1999	Visiting Professor, University of Athens, Greece
1999	Herbert M. Karol Research Award, Brain Tumor Society
2000	Visiting Professor, National Defense Medical University, Beijing, China
2000	Honorary Professor, Beijing Municipal Institute of Occupational Health, Chinese Academy of Science and Technology, Beijing, China
2000	Fellow, Collegium Ramazzini
2003	Faculty, Gordon Scientific Research Conference, Ventura, California
2004	Sweet Endowed Lectureship, St. Louis University Medical School
2004	Society of Toxicology (co-author), Best Paper in Toxicological Science
2004	Merit in Authorship Award, American College of Occupational and Environmental Medicine
2004	Harriet Hardy Award, New England College of Occupational and Environmental Medicine
2005	Honorary Professor, Huazhong University of Science and Technology, Wuhan, China

MAJOR PROFESSIONAL SERVICE: ACADEMIC

1972-1976	Student Advisory Committee, Tufts University
-----------	--

1974-1975	Financial Aid Committee, Tufts University
1975-1976	Admissions Committee, Tufts University
1987-1990	International Committee, Harvard
1990-1992	Committee for Educational Policy, MPH Subcommittee, Harvard
1995-present	Member, Planning Committee, Harvard Center for Cancer Prevention
1997-present	Faculty Council, Harvard School of Public Health
1999-2000	Chair, Faculty Council, Harvard School of Public Health

MAJOR PROFESSIONAL SERVICE: NATIONAL AND REGIONAL

1985-1988	Occupational Health Task Force, Executive Office of Labor, Commonwealth of Massachusetts
1987-1990	Lung Disease Committee, American Lung Association
1988-1990	Advisory Committee, Division of Health Statistics, Massachusetts Department of Public Health
1989-present	Science Advisory Committee, The Workplace Health Fund, Washington DC
1990	Scientific Program Committee, <i>Hazards of Asbestos in Place: The Third Wave of Asbestos Disease</i> , New York, June 6-8, 1990
1991	Co-Chair, Harvard ERC Symposium: <i>Lead Paint Poisoning in Children: The Role of Government, Medicine and Law</i> , July 18-19, 1991, Boston MA
1991-1992	Section Council (Occupational Health), American Public Health Association
1991-1993	Medical Care Consortium Advisory Committee, Department of Industrial Accidents, Commonwealth of MA
1992-present	Advisory Board, New England Consortium Hazardous Waste Worker Health and Safety Training Program
1992	Co-Chair, Harvard-NIOSH Scientific Symposium <i>Occupational Health Risk Assessment: Directions for the 1990's</i> , May 25-27, Harvard School of Public Health, Boston MA
1992-1995	Board of Directors, New England Occupational and Environmental Medicine Association
1993-2001	Mine Health Research Advisory Committee, US Public Health Service/CDC-NIOSH
1994-1998	Advisor, François Xavier Bagnoud Center for Health and Human Rights, Harvard School of Public Health
1995-1996	American Thoracic Society Environmental and Occupational Health Assembly, Nominating Committee
1994-1996	Agricultural Respiratory Committee, American Thoracic Society
1994-1996	Silica Committee, American Thoracic Society
1994-present	Ad-hoc reviewer, CDC Study Section on Occupational Health, NIH/CDC
1995-1997	Scientific Advisory Board, Environmental Health Foundation
1996-1997	American Thoracic Society Environmental and Occupational Health Assembly, Program Committee
1996	Co-Director, Harvard-Liberty Mutual Symposium on Methodological Issues in the Study of

Occupational Injury, Hopkinton MA

- 1996-1998 American College of Occupational and Environmental Medicine (ACOEM), Planning Committee for 1998 American Occupational Health Conference, Boston MA
- 1997 Reviewer, Study Section on Epidemiology and Disease Control (EDC II)
- 1998-2002 Chair, Mine Health Advisory Committee, US Public Health Service/NIOSH (CDC)
- 1999 Reviewer, National Center for Toxicology Research, Molecular Epidemiology Division, Little Rock AR
- 1999 Nominating Committee, Molecular Epidemiology Group, American Association for Cancer Research
- 1999 Reviewer, Occupational Cancer Branch, National Cancer Institute
- 2000 Co-Chair, NIOSH Workshop and Work: Smoking and Health
- 2001 Member, Scientific Advisory Committee, Genra Corp
- 2001 Member, NCI Lung Cancer Priorities for Research Group
- 2001 Co-Chair, Fogarty Institute of International Health Symposium in Environmental Risk Assessment and Occupational Health, Beijing, China
- 2001 Session Co-Chair, Health Effects of Combustion Products, NIEHS/Research Triangle Park
- 2002-present Scientific Advisory Committee, National Cancer Institute's Benzene Research Project in China
- 2002-present Scientific Advisory Committee, Duke University Environmental Health Sciences Center
- 2004 –2004 Consensus Committee – Diagnosis of Asbestos-Related Diseases, American Thoracic Society
- 2004-present Scientific Advisory Committee, University of Washington Health Sciences Center
- 2005-present Scientific Advisory Committee, Beryllium Disease program project (PI: L Newman). National Jewish Medical Center
- 2005-present Chair, National Research Council/Natural Academics of Science study committee, "Toxicogenetic and predictive toxicology"

MAJOR PROFESSIONAL SERVICE: INTERNATIONAL

- 1982-1984 Co-Chair, US-China Scientific Exchange on Occupational Health: Modernization and Occupational Health, Shanghai, China, July 20-25, 1982
- 1982-1989 US-China Scientific Exchange Committee on Occupational and Environmental Health
- 1988-1990 Secretary, Committee on Organic Dust, International Commission on Occupational Health, Geneva
- 1990-1993 Eastern European-USA Exchange Committee for Occupational and Environmental Health
- 1991 Member, Scientific Committee on Lung Disease Research International Union Against Tuberculosis and Lung Disease, Geneva
- 1996-present Advisory Committee, Center for Health and the Global Environment, Harvard Medical School

- 1997-present Advisory Committee, Chinese University of Hong Kong
- 1998-present Steering Committee, Harvard-Kaohsiung Medical College Alliance
- 1999-2002 Advisory Committee, National Health Research Institutes, Taiwan
- 2003 Chair, Symposium on Sustainability and Health, Dhaka, Bangladesh
- 2005-present Advisory Committee, Asia Consortium for the Study of Cancer

MAJOR PROFESSIONAL SERVICE: HOSPITAL

- 1983-1985 Credentials Committee, Mass Respiratory Hospital
- 1997-2001 Subcommittee on Review of Research Proposals, Massachusetts General Hospital

PROFESSIONAL SOCIETIES

- 1997-present American Public Health Association
- 1982-present Massachusetts Medical Society
- 1985-present American Thoracic Society
- 1985-present American College of Chest Physicians
- 1985-present Massachusetts Thoracic Society
- 1987-present American College of Occupational and Environmental Medicine
- 1987-present International Union Against Tuberculosis and Lung Disease
- 1994-present American Association for the Advancement of Science
- 1994-present American Association for Cancer Research
- 1994-present International Society for Environmental Epidemiology
- 2004-present Professional Association for the Study of Lung Cancer

OTHER PUBLIC SERVICE

- 1972-1976 Medical Committee for Human Rights
- 1976-present Massachusetts Coalition for Occupational Safety and Health
- 1979-1981 Medical Director, OSHA-sponsored occupational health program at the International Union of Electrical, Machine and Radio Workers Union, Lynn MA
- 1979-1985 Consultant (occupational medicine), National Institute for Occupational Safety and Health (NIOSH)
- 1980 Medical consultant, United Steel Workers of American Health and Safety Department
- 1980-1981 Internist (part-time), General Medical Associates, Weston MA
- 1980-present Physicians for Social Responsibility
- 1984-1989 Consultant, Industrial Health Research Group, University of Capetown, South Africa
- 1984-present Independent Medical Examiner, Department of Industrial Accidents, Commonwealth of Massachusetts

1988-present	Physicians for Human Rights
1992-1993	Consultant to the Commissioner, Medical Department of Industrial Accidents Commonwealth of Massachusetts
1992-1993	Member, Medical Care Consortium, Department of Industrial Accidents Commonwealth of Massachusetts
1993	Consultant, US Department of Justice Radiation-Exposed Underground Miners Compensation Act

MAJOR ADMINISTRATIVE RESPONSIBILITIES

<u>DATE</u>	<u>TITLE</u>	<u>ORGANIZATION</u>
1987-1996	Director	Occupational Medicine Core, Harvard Educational Resource Center, Boston MA
1987-1996	Director	Occupational and Environmental Residency Training Program, Harvard School of Public Health, Boston MA
1993-present	Director	Occupational and Environmental Medicine Section, Pulmonary and Critical Care Unit, Massachusetts General Hospital, Boston MA
1995-present	Director	Center for Occupational and Environmental Medicine, Massachusetts Respiratory (Northeast Specialty) Hospital, Braintree MA
1996-present	Director	Occupational Health Program and Education and Research Center for Occupational Safety and Health; Harvard School of Public Health
1999-present	Principal Investigator	National Research Service Institutional Training Award in Environmental Epidemiology, Harvard School of Public Health
2002-present	Co-Director	Lung Cancer Program, Dana-Farber/Harvard Cancer Center
2006-present	Member	Executive Committee, Dana-Farber/Harvard Cancer Center

BUSINESS EXPERIENCE

1990-present	President, Occupational and Environmental Medicine Specialists (a physician partnership)
--------------	--

EDITORIAL ACTIVITIES: BOARD MEMBER

1991-present	<i>American Journal of Industrial Medicine</i>
1994-present	<i>International Journal of Occupational and Environmental Health</i>
1997-2000	<i>New Solutions: A Journal of Environmental and Occupational Health Policy</i>
1999-2000	<i>Journal of Environmental Medicine</i>
2002-present	<i>Environmental Health</i>
2002-present	<i>Environmental Health Perspectives: Toxicogenomics</i>
2006-present	<i>2006 Cancer Research (Associate Editor)</i>

EDITORIAL ACTIVITIES: PEER REVIEWER

American Journal of Epidemiology
American Journal of Industrial Medicine
American Journal of Public Health
American Journal of Respiratory and Critical Care Medicine
American Journal of Respiratory Cell and Molecular Biology
American Review of Respiratory Disease
Cancer Epidemiology, Biomarkers and Prevention
Cancer Causes and Control
Cancer Letters
Cancer Research
Chest
Critical Care Medicine
Environmental Health
Oncogene

Environmental Health Perspectives
Environmental Research
Epidemiology
European Journal of Respiratory Diseases
Journal of the American Medical Association
Journal of Applied Physiology (Lung)
Journal of Clinical Oncology
Journal of Immunology and Infectious Disease
Journal of the National Cancer Institute
Journal of Occupational and Environmental Medicine
Lancet
New England Journal of Medicine
Occupational and Environmental Medicine

MAJOR RESEARCH INTERESTS

1. Molecular epidemiology of acute and chronic diseases; gene-environment interaction
2. Epidemiology of occupational and environmental diseases
3. Development and application of biologic markers for environmentally induced diseases, including malignant and non-malignant disorders.
4. Susceptibility to environmental cancer; gene-environment interactions for acute lung injury
5. Occupational and environmental-induced lung disease: epidemiologic and clinical aspects of asthma, obstructive lung disease, and pneumoconiosis.
6. Cooperative research with scientists in developing countries (Asia, Africa, Latin America) in the study of occupational and environmental disorders, and gene-environment interactions

RESEARCH SUPPORT: PAST FUNDING (20 years)

<u>DATE</u>	<u>FUNDING SOURCE</u>	<u>ROLE</u>	<u>GRANT TITLE</u>
1983-1985	NIOSH	PI	Lung Disease in Chinese Textile Workers
1986-1987	Committee for Scholarly Communication with the PRC	PI	Follow-up Studies of Workplace Air Pollution in China
1987-1989	Boston Globe Foundation	PI	Epidemiological Study of Urinary Abnormalities in Printing Pressmen
1987-1989	Mellon Foundation	PI	Faculty Development Award
1987-1989	ERC, Inc.	PI	Endotoxin-dust exposure-response relationships
1988	Biomedical Research Grant (BRSG)	PI	Markers of organic dust exposure and response
1988-1991	NIOSH	PI	Lung Disease in Chinese Textile Workers
1989	NIEHS Pilot Grant	PI	Epidemiologic Investigation of Asthma among Respiratory Therapists
1990-1991	Mass Dept of Industrial Accidents	PI	Development of a training model for

			prevention of ethylene oxide toxicity on hospital workers
1991-1992	Mass Dept of Industrial Accidents	PI	Development of worker training curriculum for preventing of lead poisoning
1991-1995	NIOSH	PI	Longitudinal study of lung disease in Chinese textile workers
1992	NIOSH, NIEHS	PI	Occupational health risk assessment symposium grant
1992	NIEHS Pilot Grant	Co-PI	CD23 as a molecular marker for occupational asthma
1992-1993	Mass Dept of Industrial	PI	Control of respiratory hazards in tunnelers accidents
1992-2000	NIEHS	PI	Vanadium and Human Health
1993	NIEHS Pilot Project	Co-PI	Reproductive hazards in petrochemical workers
1993	Centers for Disease Control	PI	Occupational Health Risk Assessment: Directions for the 90's
1995-1997	March of Dimes	Co-PI	Occupational Lead Exposure and Reproductive Outcomes
1998-2003	NIEHS	Core Dir	Occupational Health Research Core
1999-2004	MGH Center for Minimally-Invasive Therapy	PI	Fluorescent Bronchoscopy in Individuals at High Risk for Lung Cancer
1999-2004	Mickey Leland Center	PI	Metallic Particles and Cardiac Responses
2001-2004	NCI	PI	Biomarkers of Carcinogen Exposure and Oxidative Injury

RESEARCH SUPPORT: CURRENT FUNDING

<u>DATE</u>	<u>FUNDING SOURCE</u>	<u>ROLE</u>	<u>GRANT TITLE</u>
1995-2006	NIOSH	PI	Longitudinal study of lung disease in Chinese textile workers
1998-2008	NIOSH	PI	Education and Research Center
1999-2010	NIEHS	PI	Environmental Epidemiology Training Grant
1999-2007	NIEHS	PI	Cardiopulmonary Effects of Particulate Exposure
2000-2005	NIEHS	Project PI	Arsenic Exposure, Bladder and Skin Cancer
2000-2005	NHLBI	PI	Molecular Epidemiology of ARDS

2000-2006	NIEHS	PI	Brain Neoplasms, Leukemia and Petrochemical Exposures
2002-2006	NIEHS	PI	Arsenic Exposure and Skin Disease in Bangladesh
2002-2007	NCI	PI	Molecular and Genetic Analysis of Lung Cancer Survival
2003-2006	EPA	PI	Cardiopulmonary Responses to Particulates in an Urban Community
2003-2008	NCI	Co-PI	Lung Cancer SPORE (PI: BE Johnson)
2003-2008	NCI	PI	Genetic Susceptibility of Lung Cancer

TEACHING EXPERIENCE (Examples)

<u>DATES</u>	<u>TITLE</u>	<u>INSTITUTION</u>	<u>EXPERIENCE</u>
1981-1982	Visiting Research Scholar	Shanghai First Med College	Lectures and seminars in schools of medicine and public health
1981-1982	Trainer	Shanghai First Med College	Spirometry, respiratory questionnaire development and air sampling
1982-1987	Lecturer	Harvard School of Public Health	Occup med rounds for residents and fellows
1982-present	Course Director	Health Research Associates	NIOSH-approved spirometry training program
1982-present	Attending physician and preceptor	Northeast Specialty Hospital	Occup med residents and fellows on rotation
1984	Visiting Lecturer	Univ of Cape Town Medical School, South Africa	Lectures on occup/env health
1984-present	Lecturer	Mass General Hospital	Pulmonary Grand Rounds on occup lung diseases
1985	Panel Leader	American Public Health Association	Screening for asbestos-related lung disease
1985-1989	Visiting Lecturer	Boston University Schools of Medicine and Public Health	Occup cancer, lung disease and occup disease research in clinic
1986-present	Lecturer	Pulmonary Unit, Mass General Hospital	Research fellows conferences
1987	Clinical Faculty	Harvard Medical School	Teacher of course: Intro to Clinical Medicine
1987-present	Lecturer	Harvard School of Public Health	Continuing Education courses in occup lung diseases
1987-present	Attending Physician	Pulm & Crit Care, Mass Gen	Clinical and research teaching for

		Hospital	pulmonary fellows
1987-present	Advisor	Harvard School of Public Health	Doctoral students in research in occup and env health
1988-present	Course Co-Director	Harvard School of Public Health	Introduction to Occup Medicine
1988-present	Lecturer	Harvard School of Public Health	Principles of Env Health I and II
1990	Presenter	Medical Grand Rounds, MGH	Asbestos-related lung disease
1990-1993	Lecturer	Harvard School of Public Health	Courses in Biology, Epidemiology, Economics and Prevention of Malaria
1990-present	Advisor	Pulmonary Unit, Mass Gen Hospital	Post-doctoral fellows in research
1991-1992	Visiting Professor	Nat'l Cheng Kung Univ, Tainan, Taiwan	Environmental Health
1992-present	Visiting Lecturer	HMS/MIT Health Sciences and Technology Program	Course HST 100: Respiratory Pathophysiology
1992-present	Course Co-Director	Harvard School of Public Health	Course: Biomarkers in Occup and Environ Epidemiology
1993	Visiting Professor	Beijing Medical Univ, China	Environ and Occup Epidemiology
1995	Speaker	US-Mexico Conference on Env Health	Genetic Susceptibility to Lung Cancer
1995	Speaker	Air Toxics Symposium, Leland Center, Houston	Clinical and Intervention Potential of Biomarkers
1995-present	Course Lecturer	Harvard Medical School	Courses: Respiratory Pathophysiology, Pulmonary Pathology, Radiation Oncology, Thoracic Oncology
1996	Visiting Professor	Anhui Medical University, China	Molecular Epidemiology and Environmental Health
1996	Speaker	Liberty-Harvard Symposium on Occupational Safety and Health, Buenos Aires, Argentina	Contributions of Occupational Medicine to Occupational Health in the USA
1997	Speaker	Liberty-Harvard Symposium, Shanghai, China	Occupational Health, Occupational Epidemiology
1997	Speaker	75 th Symposium, Harvard School of Public Health	Genetic Endowment and Environmental Exposures
1998	Speaker	Medical Grand Rounds, MGH	Molec Epidemiology of Lung Cancer
1998	Honorary Professor	China-Japan Friendship	Molecular Epidemiology and

		Hospital, Beijing, China	Environmental Health
1998	Visiting Professor	National Defense Medical College, Taipei, Taiwan	Occupational Medicine, Molecular Epidemiology
1998	Invited Keynote Speaker	Annual Meeting in Occup Hygiene, Taizhong, Taiwan	Environ and Occup Molecular Epidemiology
1998	Co-Chairman and Speaker	American Thoracic Society Annual Meeting, Chicago IL	Symposium on Genetic Susceptibility to Environmental Lung Disease
1998	Speaker	American Occup Health Conference, Boston, MA	Chair, Scientific Symposium on Fine Particulate Toxicity Genetic Testing in the Workplace
1998	Co-Chair	Harvard-NIEHS Symposium	Genomic Research on Populations Exposed to Environmental Toxins: Ethical, Legal and Social Issues
1998	Invited Speaker	MGH/Partners Thoracic Oncology Center	Molecular Epidemiology of Aerodigestive Tumors
1999	Invited Speaker	American Thoracic Society	Population Genetic Studies of Lung Disease
1999	Visiting Professor	University of Athens, Greece	Environmental and Occupational Molecular Epidemiology
1999	Invited Speaker	US-Italy (NHLBI) Lung Conference, Palermo, Sicily	Genetic Susceptibility to Lung Cancer
2000	Invited Speaker; Planning Committee Member	4 th Harvard-Teikyo Symposium: Aging and Health, Cambridge MA	Health of Aging Workers
2001	Symposium Co-Chair	American Thoracic Society, San Francisco, CA	Molecular Epidemiology of Lung Cancer
2001	Symposium Session Chair	NIEHS Symposium on Toxicogenetics, Bethesda, MD	Ethical Issues in Environmental Genome Project
2001	Visiting Professor	Univ of Pennsylvania	Molecular Epidemiology of Lung Cancer and ARDS
2002	Invited Speaker	Arsenic Symposium Dhaka Community Hosp, Bangladesh	Molecular Epidemiology of Arsenic Toxicity
2002	Speaker	NIOSH-NCI Symposium, Washington DC	Ethical, Legal, and Social Issues of the Environmental Genome Project
2002	Visiting Professor	Univ of Washington School of Public Health	Longitudinal Studies of Textile Workers
2002	Invited Speaker	NECOEM Annual Mtg.	Cardiovascular Responses to Particulate

			Exposure
2002	Invited Speaker	Harvard/Dana Farber Cancer Center Oncology Grand Rounds	Genetic Susceptibility to Lung Cancer
2003	Faculty	Gordon Scientific Research Conference on Genetics and Epigenetics	Gene-Environment Interactions: Case of Lung Cancer

WORKS PUBLISHED

PEER-REVIEWED PUBLICATIONS

- Baker EL, Christiani DC, Wegman DH, Siroky M and Feldman R. Follow-up studies of workers with bladder neuropathy caused by exposure to dimethyl-aminopropionitrile. Scandinavian Journal of Work, Environment and Health 1981; 4:54-59.
- Baker EL, Christiani DC, Wegman DH, Siroky M and Feldman R. Occupationally-related neurological abnormalities-Massachusetts. Morbidity and Mortality Weekly Review 1981; 30:365-366.
- Christiani DC. An Introduction to Occupational Epidemiology. Chinese Journal of Occupational Health 1983; 2:120-123.
- Christiani DC and Liang YX. Occupational health standards in the USA, Chinese Journal of Occupational Health 1983; 1:189.
- Christiani DC, Shen YE, Lu PL, Ye Tt. Respiratory abnormalities in grain and feed workers with special attention to farmer's lung. Chinese Journal of Occupational Health 1983; 1:162-165.
- Olenchock SA, Christiani DC, Mull JS, Ye TT and Lu PL. Endotoxins in Bulk Cottons and Airborne Cotton Dusts in Two Textile Mills in the People's Republic of China. Applied and Environmental Microbiology 1983; 46:817-820.
- Christiani DC. Occupational Health in the People's Republic of China. The American Public Health Association Journal 1984; 74:58-66.
- Christiani DC. Worker's Health on the New Long March: Occupational Health in the People's Republic of China. International Journal of Health Services 1984; 14:605-618.
- Christiani DC, Ye TT, Lu PL, Gong Zc, Dai Hl. Byssinosis in the Shanghai cotton textileindustry-A preliminary report. Chinese Journal of Occupational Health 1984; 3:163-169.
- Olenchock SA, Christiani DC, Mull JS, Shen YE and Lu PL. Airborne Endotoxins in a Rice Production Commune in the People's Republic of China. Journal of Toxicology and Environmental Health 1984; 13:545-551.
- Christiani DC, Wegman DH, Levenstein CL, Quinn MM. Problems of modernization and occupational health, in supplement on occupational health research in China. Scandinavian Journal of Work, Environment and Health 1985; 11:supplement 4, 5-7.
- Eisen EA, Oliver LC, Christiani DC, Wegman DH and Robins JR. Effects of spirometry standards in two occupational studies. American Review of Respiratory Disease 1985; 132:120-125.
- Levy BS, Wegman DH, Quinn MM, Keyserling M, Levenstein CH, Christiani DC. Occupational health and safety training in the USA. (Chinese) Chinese Journal of Occupational Health and Industrial Hygiene 1985; 3:297-300.
- Christiani DC, Eisen EA, Wegman DH, Ye TT, Gong ZC, Lu PL and Dai HL. Respiratory disease in Chinese cotton textile workers Part I: Respiratory symptoms. Scandinavian Journal of Work Environment and Health 1986; 12:46-50.

- Christiani DC, Eisen EA, Wegman DH, Ye TT, Gong ZC, Lu PL and Dai HL. Respiratory disease in Chinese cotton textile workers Part II: Pulmonary function studies. Scandinavian Journal of Work, Environment and Health 1986; 254:1307-1386.
- Christiani DC, Kriebel D, Fox NJ, Baker EL. Persistently elevated PCB levels in workers exposed to residual workplace contamination. American Journal of Industrial Medicine 1986; 10:143-151.
- Kelsey KT, Christiani DC and Little JB. Enhancement of benzo[a]pyrene-induced sister chromatid exchange in lymphocytes from cigarette smokers occupationally exposed to asbestos. Journal Natl Cancer Inst 1986; 77:321-326.
- Kennedy SM, Christiani DC, Eisen EA, Wegman DH, Greaves IA, Olenchock SA, Ye Tt and Lu Pl. Cotton dust and endotoxin exposure-response relationships in cotton textile workers. Am Rev Resp Dis 1987; 135:194-200.
- Lu Pl, Christiani DC, Ye Tt, Shi NY, Gong ZC, Dai Hl, Zhang WD, Huang JW, Liu MZ. The study of byssinosis in China: A comprehensive report. American Journal Industrial Medicine 1987; 12:743-755.
- Quinn MM, Punnett L, Christiani DC, Levenstein CH, Wegman DH. Modernization and trends in occupational health in China, 1981-85. American Journal of Industrial Medicine 1987; 12:449-506.
- Shalat S, Christiani DC, Baker EL. Accuracy of work history obtained from a spouse. Scandinavian Journal of Work, Environment and Health 1987; 13:67-69.
- Christiani DC and ME Silicosis. Clinical-Pathologic Conference (CPC) at the Massachusetts General Hospital. New England Journal of Medicine 1988; 119:1401-1407.
- Christiani DC, Melius JR, Landrigan P, Coye MJ and Wegman DH. Development of occupational health in the USA. Chinese Journal of Occupational Health 1988; 14:314-320.
- Christiani C, Durvasula R, Myers J. Occupational health in developing countries: Review of research needs. American Journal of Industrial Medicine 1990; 17:393-401.
- Schwartz A, Rockoff SD, Christiani DC, Kriebel D, Hyde J. A clinical diagnostic model for the assessment of asbestosis: A new algorithmic approach. J Thoracic Imag 1988; 3:29-35.
- Christiani DC, Durvasula R, Myers J. Occupational health in developing countries: review of research needs. Am J Ind Med 1990; 17:393-401.
- Christiani DC and Greene R. Asbestos disease in commercial roofers: radiologic signs. Seventh International Pneumoconioses Conference; US Dept Health and Human Services (DHHS-NIOSH No 90-108) 1990; 1414-1418.
- Olenchock SA, Christiani DC, Mull JC, Ye TT, Lu PL. Airborne endotoxin concentrations in various work areas within two cotton textile mills in the People's Republic of China. Biomedical and Environmental Sciences 1990; 3:443-451.
- Hashimoto DM, Brennan TA, Christiani DC. Should asbestos in buildings be regulated on an environmental or occupational basis? Ann NY Acad Sci 1991; 643:609-614.
- Hashimoto DM, Kelsey KT, Seitz T, Feldman HA, Yakes B, Christiani DC. The presence of urinary cellular sediment and albuminuria in newspaper press workers exposed to solvents. Journal of Occupational Medicine 1991; 33:516-527.
- Kelsey KT, Christiani DC, Wiencke JK. Bimodal distribution of sensitivity to SCE induction by diepoxybutane in human lymphocytes. Part II: Relationship to baseline SCE frequency. Mutation Research 1991; 248:27-33.
- Sprince NL, Oliver LC, McCloud TC, Eisen EA, Christiani DC and Ginns LC. Asbestos exposure and asbestos-related pleural and parenchymal disease: associations with immune stimulation. Am Rev Resp Dis 1991; 143:822-829.

- Velazquez AV, Christiani DC, McConnell R, Eisen EA, Wilcox M. Respiratory disease in a textile factory in Nicaragua. American Journal of Industrial Medicine 1991; 20:195-208.
- Wiencke JK, Christiani DC, Kelsey KT. Bimodal distribution of sensitivity to SCE induction by diepoxybutane in human lymphocytes. Part I: Correlation with chromosomal aberrations and effects of cigarette smoking. Mutation Research 1991; 248:17-26.
- Yakes B, Kelsey KT, Seitz T, Hashimoto DM, Feldman HA, Christiani DC. Occupational skin disease in newspaper pressman workers. Journal of Occupational Medicine 1991; 34:711-717.
- Christiani DC. Occupational lung disease in the industrialized and industrializing world: Commonalities and contrasts: measurement tools in research. Tubercle and Lung Dis 1992; 73:7-13.
- Hu H and Christiani DC. Reactive airways dysfunction after exposure to teargas. Lancet 1992; 339:1535.
- LaMontagne AD, Kelsey KT, Ryan CM, Christiani DC. A participatory workplace health and safety training program for ethylene oxide. Am J Indus Med 1992; 22:651-664.
- Xu XP, Christiani DC, Dockery D, Wang LH. Exposure-response relationships between occupational exposure and chronic respiratory illness: A community-based study. Am Rev Respir Dis 1992; 146:413-418.
- Christiani DC and Kern DG. Asthma risk and occupation as a respiratory therapist. Am Rev Respir Dis 1993; 148:671-674.
- Christiani DC, Velazquez A, Wilcox M, Olenchock SA. Airborne endotoxin concentrations in various work areas within a cotton mill in Central America. Environmental Research 1993; 60:187-192.
- Christiani DC, Wegman DH, Eisen EA, Ye TT, Lu PL, Olenchock SA. Cotton dust and gram-negative bacterial endotoxin correlation in two cotton textile mills. Am J Indus Med 1993; 23:333-343.
- Hayes G and Christiani DC. Measures of small airways disease as predictors of chronic obstructive pulmonary disease. Occupational Medicine 1993; 8:375-397.
- Hu H, Beckett L, Kelsey KT, Christiani DC. The left-sided predominance of asbestos-related pleural disease. Am Rev Respir Dis 1993; 148:981-984.
- LaMontagne AD, Christiani DC, Kelsey KT. The utility of the complete blood count in routine medical surveillance for ethylene oxide exposure. Am J Indus Med 1993; 24:191-206.
- Smith CM, Kelsey KT, Christiani DC. Risk assessment and occupational health: overview and recommendations. New Solutions 1993; 3:26-39.
- Xu Xp and Christiani DC. Occupational exposures and physician-diagnosis of asthma. Chest 1993; 104:1364-1370.
- Beckett WS, Pope CA, Xu XP, Christiani DC. Women's respiratory health in the cotton textile industry: an analysis of respiratory symptoms in 973 non-smoking female workers. Br J Indus Med 1994; 51:14-19.
- Christiani DC, Ye TT, Wegman DH, Eisen EA, Dai HL, Lu PL. Cotton dust exposure, across-shift drop in FEV₁ and 5-year change in lung function. American Journal of Respiratory and Critical Care Medicine 1994; 150:1250-1255.
- Christiani DC, Ye TT, Wegman DH, Eisen EA, Dai HL, Lu PL. Pulmonary function among cotton textile workers: variability in symptom reporting, across-shift drop in FEV₁ and longitudinal change. Chest 1994; 105:1713-1722.
- Hayes GB, Ye TT, Lu PL, Dai HL, Christiani DC. Respiratory disease in cotton textile workers: epidemiologic assessment of small airway function. Environ Res 1994; 66:31-43.

- Hauser R, Garcia-Closas M, Kelsey KT, Christiani DC. Variability of nasal lavage poly-morphonuclear leukocyte counts in unexposed subjects: its potential utility for epidemiology. Archives of Environmental Health 1994; 49:267-272.
- Kales SN and Christiani DC. Progression of chronic obstructive pulmonary disease after multiple episodes of occupational inhalation fever. Journal of Occupational Medicine 1994; 36:75-79.
- Kales SK, Pentiu F, Christiani DC. Pseudo-elevation of carboxyhemoglobin levels in firefighters. Journal of Occupational Medicine 1994; 752-756.
- Kales SK, Feldman J, Ozonoff D, Fish S, Pepper L, Christiani DC. Carboxyhemoglobin levels in patients with cocaine-related chest pain. Chest 1994; 106:147-150.
- Kelsey KT, Xia F, Bodell WJ, Spengler JD, Christiani DC, Dockery DW, Liber HL. Genotoxicity to human cells induced by air particulates isolated during the Kuwait oil fires. Environmental Research 1994; 64:18-25.
- Korrick SA, Rest KM, Davis LK, Christiani DC. Use of state workers' compensation data for occupational carpal tunnel syndrome surveillance: a feasibility study in Massachusetts. Am J Indus Med 1994; 25:837-850.
- Smith CM, Kelsey KT, Wiencke JK, Leyden K, Levin S, Christiani DC. Inherited glutathione-S-transferase deficiency is a risk factor for pulmonary asbestosis. Cancer Epidemiology, Biomarkers and Prevention 1994; 3:471-479.
- Xu XP, Ding M, Li BL, Christiani DC. Association of paternal and maternal exposure with low birth weight and preterm births among women textile workers. In: DR Mattison and AF Olshan (eds): Male-mediated developmental toxicity: father's exposures and their child's health. Plenum Publishing, 1994.
- Xu XP, Ding M, Li BL, Christiani DC. Association of rotating shiftwork with preterm births and low birth weight among never-smoking women textile workers in China. Br J Indus Med 1994; 51:470-474.
- Cheng TJ, Christiani DC, Liber HL, Wain JC, Xu XP, Wiencke JK, Kelsey KT. Mutant frequency at the hprt locus in human lymphocytes in a case-control study of lung cancer. Mutation Research 1995; 332:109-118.
- Cheng TJ, Christiani DC, Wiencke JK, Wain JC, Xu XP, Kelsey KT. Comparison of sister chromatid exchange in peripheral lymphocytes in lung cancer cases and controls. Mutation Research 1995; 348:75-82.
- Cheng TJ, Christiani DC, Xu XP, Wain JC, Wiencke JK, Kelsey KT. Glutathione S-transferase : genotype, diet and smoking as determinants of sister chromatid exchange frequency in lymphocytes. Cancer Epidemiology, Biomarkers and Prevention 1995; 4:535-542.
- Christiani DC, Niu TH, Xu XP. Occupational stress and dysmenorrhea among women textile workers. Intl Jour Occup and Env Health 1995; 1:9-15.
- Garcia-Closas M and Christiani DC. Asbestos-related disease among construction carpenters. Am J Indus Med 1995; 27:115-125.
- Hauser R, Elreedy S, Hoppin JA, Christiani DC. Airway obstruction in boilermakers exposed to fuel oil ash: a prospective investigation. Am J Respir Crit Care Med 1995; 152:1478-1484.
- Hauser R, Elreedy S, Hoppin JA, Christiani DC. Upper-airway response in workers exposed to fuel oil ash: nasal lavage analysis. Occupational and Environmental Medicine 1995; 52:353-358.
- Huncharek M, Klassen M, Christiani DC. Mesothelioma of the tunica vaginalis testis with possible occupational asbestos exposure. Br Jour Urology 1995; 75:673-685.
- Marshall MD, Kales SN, Christiani DC, Goldman RH. Are reference values for carboxy-hemoglobin appropriate? A survey of Boston area laboratories. Clinical Chemistry 1995; 41:1434-1438.

- Nelson HH, Wiencke JK, Christiani DC, Cheng TJ, Zuo ZF, Schwartz BS, Lee BK, Spitz MR, Wang M, Xu XP, Kelsey KT. Ethnic differences in the prevalence of the homozygous-deleted genotype of glutathione S-transferase theta. Carcinogenesis 1995; 16:1243-1245.
- Wang X, Christiani DC, Wiencke JK, Fischbein M, Xu XP, Cheng TJ, Mark E, Wain JC, Kelsey KT. Mutations in the p53 gene in lung cancer are associated with cigarette smoking and asbestos exposure. Cancer Epidemiology, Biomarkers and Prevention 1995; 4:543-549.
- Wiencke JK, Kelsey KT, Varkonyi A, Semey K, Wain JC, Mark E, Christiani DC. Correlation of DNA adducts in blood mononuclear cells with tobacco carcinogen-induced damage in human lung. Cancer Res 1995; 55:4910-4915.
- Xu XP and Christiani DC. Occupational health research in developing countries: focus on US-China collaboration. Intl Jour Occ and Env Health 1995; 2:130-135.
- Xu Xp, Dockery DW, Christiani DC, Li Bl, Huang H. Association of air pollution with hospital outpatient visits in Beijing. Arch Environmental Health 1995; 50:214-220.
- Cheng TJ, Christiani DC, Xu XP, Wain JC, Wiencke JK, Kelsey KT. Increased micro-nucleus frequency in lymphocytes from smokers with lung cancer. Mutation Research 1996; 349:43-50.
- Christiani DC. Utilization of biomarker data for clinical and environmental intervention. Environ Health Perspect 1996; 104(5):921-925.
- Hauser R, Daskalakis C, Christiani DC. A regression approach to the analysis of serial peak-flow among fuel-oil ash-exposed workers. Am J Resp Crit Care Med 1996; 154:968-974.
- Huncharek M, Kelsey K, Mark EJ, Muscat J, Choi N, Carey R, Christiani DC. Treatment and survival in diffuse malignant pleural mesothelioma: A study of 83 cases from the Massachusetts General Hospital. Anticancer Research 1996; 16:1265-1268.
- Huncharek M, Kelsey KT, Muscat J, Christiani DC. Parental cancer and genetic predisposition in malignant pleural mesothelioma: a case-control study. Cancer Letters 1996; 102:205-208.
- Krinzman SJ, DeSanctis GT, Cernadas M, Kobzik L, Christiani DC, Perkins DL, Finn PF. T-cell activation in a murine model of asthma. Am Jour Physiology 1996; 271:L476-L485.
- Krinzman SJ, DeSanctis GT, Cernadas M, Mark DA, Wang Y, Listman J, Kobzik K, Christiani DC, Perkins DL, Finn PW. Inhibition of T cell co-stimulation abrogates airway hyperresponsiveness in a murine model. J Clin Invest 1996; 98:2693-2699.
- LaMontagne A, Mangione TW, Christiani DC, Kelsey KT. Ethylene oxide medical surveillance practice and compliance in Massachusetts hospitals. Journal of Occupational and Environmental Medicine 1996; 38:144-154.
- La Montagne AD, Mangione TW, Christiani DC, Kelsey KT. Medical surveillance for ethylene oxide exposure: practices and clinical findings in Massachusetts hospitals. Jour Occup Env Med 1996; 38:144-155.
- Kales SN, Castro MJ, Christiani DC. Epidemiology of hazardous materials responses by Massachusetts District HAZMAT teams. Jour Occup and Environ Med 1996; 38:394-400.
- Xu XP, Kelsey KT, Wiencke JK, Wain JC, Christiani DC. Cytochrome P450 CYP1A1 MspI polymorphism and lung cancer susceptibility. Cancer Epidem Biomarkers and Prev 1996; 5:687-693.
- Xu XP, Niu TH, Christiani DC, Weiss ST, Chen CZ, Zhou YS, Yang JH, Fang ZA, Jiang YS, Liang WN, Zhang FZ. Occupational and environmental risk factors for asthma in rural communities in China. Int Jour Occup Env Health 1996; 2:172-176.

- Cho SI, Hauser R, Christiani DC. Reproducibility of nasal peak inspiratory flow among healthy adults: assessment of epidemiologic utility. Chest 1997; 112:1547-1553.
- Garcia-Closas M, Kelsey KT, Wiencke JK, Xu XP, Wain JC, Christiani DC. A case-control study of cytochrome P450 1A1, glutathione S-transferase M1, cigarette smoking, and lung cancer susceptibility (Massachusetts, U.S.) Cancer Causes and Control 1997; 8:544-553.
- Glencross PM, Weinberg JM, Ibrahim JG, Christiani DC. Loss of lung function among sheet-metal workers: a ten-year study. Am Jour Ind Med 1997; 32:460-464.
- Hagberg M, Christiani DC, Courtney T, Halperin W, Leamon T, Smith TJ. Conceptual and definitional issues in occupational injury epidemiology. Am J Industr Med 1997; 32:106-116.
- Kales SN, Polyhronopoulos GN, Christiani DC. Medical surveillance of hazardous materials response firefighters: A two-year prospective study. Jour Occup Environ Med 1997; 39:238-247.
- Kales SN, Polykronopoulos GN, Castro MJ, Goldman RH, Christiani DC. Injuries caused by hazardous materials accidents. Annals Emergency Med 1997; 5:598-603
- Kales SN, Polykronopolous GN, Castro MJ, Goldman RH, Christiani DC. Mechanisms of and facility types involved in hazardous materials accidents. Environ Health Perspect 1997; 9:998-1000.
- Kelsey KT, Ross D, Traver RD, Christiani DC, Zuo ZF, Spitz MA, Wang M, Xu XP, Lee BK, Schwartz BS, Wiencke JK. Ethnic variation in the prevalence of a common NAD(P)H:Quinone Oxidoreductase polymorphism and its implications for anti-cancer chemotherapy. British Jour Cancer 1997; 76:852-854.
- Kreps SE, Banzet N, Christiani DC, Polla BS. Molecular biomarkers of early responses to environmental stressors: implications for risk assessment and public health. Reviews on Environmental Health 1997; 4:261-280.
- Kriebel D, Sama SR, Woskie SR, Christiani DC, Eisen EA, Hammond K, Milton DK, Smith M, Virji MA. A field investigation of the acute respiratory effects of metalworking fluids. I: Effects of aerosol exposures. Am J Indus Med 1997; 31:671-677.
- Kriebel D, Sama SR, Woskie S, Christiani DC, Eisen EA, Hammond SK, Milton DK, Smith M, Virji MA. A field investigation of the acute respiratory effects of machining fluids. II: Effects of aerosol exposures. Am J Ind Med 1997; 31:756-766.
- Lee B, Kelsey KT, Hashimoto D, Yakes B, Seitz T, Christiani DC. The prevalence of pulmonary and upper-respiratory tract symptoms and spirometric test findings among newspaper pressroom workers exposed to solvents. Jour Occup Env Med 1997; 39:960-969.
- Liu HW, Anand A, Bloch K, Christiani DC, Kradin R. Expression of inducible nitric oxide synthase and nitric oxide production by pulmonary macrophages in the normal and particulate-challenged rat lung. Am J Resp Crit Care Med 1997; 156:223-229.
- Minnick MG, Houk RS, Woodin MA, Christiani DC. Method to screen urine samples for vanadium by inductively coupled plasma mass spectrometry with cryogenic desolvation. Jour Anal and Atomic Spectrometry 1997; 12:1345-1350.
- Sama SR, Kriebel D, Woskie SR, Christiani DC, Eisen EA, Hammond K, Milton DK, Smith M, Virji MA. A field investigation of the acute respiratory effects of metalworking fluids. II: Effects of sulfur exposure. Am J Indus Med 1997; 31:767-776.
- Wu MT, Kelsey KT, Mao IF, Wypij D, Liu HW, Christiani DC. Elevated serum liver enzymes in coke oven and by-product workers. Jour Occup and Environ Med 1997; 39:527-534.
- Wu MT, Mao IF, Wypij D, Ho CK, Chen JR, Christiani DC. Serum liver function profiles in coking workers. Am J Industr Med 1997; 32:478-486.

- Wu MT, Mao IF, Ho CK, Chen IR, Smith TJ, Wypij D, Christiani DC. Exposure assessment and effectiveness of respirator use in coking workers. Am Jour Ind Med 1997; 32:478-486.
- Xu XP, Niu TH, Christiani DC, Weiss ST, Chen CZ, Zhou YS, Yang JH, Fang ZA, Jiang YS, Liang WN, Zhang FZ. Environmental and occupational determinants of blood pressure in rural communities in China. Ann Epidemiol 1997; 7:95-106.
- Gassert TH, Hu H, Kelsey KT, Christiani DC. Long-term health and employment outcomes of occupational asthma and their determinants. J Occup Environ Med 1998; 40:481-491.
- Guo YL, Su HJ, Huang JD, Cheng YW, Christiani DC. NAT2 polymorphism, arsenic exposure and bladder cancer. Pharmacogenetics 1998; 8:187-190.
- Hauser R, Elreedy S, Ryan PB, Christiani DC. Urine vanadium concentrations in workers overhauling an oil-fired boiler. Am Jour Industr Med 1998; 33:55-60.
- Kales SN, Aldrich J, Polykronopoulos GN, Arzteronian D, Gassert T, Hu H, Kelsey KT, Sweet C, Christiani DC. Fitness-for-duty evaluations in hazardous materials firefighters. J Occup Env Med 1998; 40:925-931.
- Kodavanti UP, Hauser R, Christiani DC, Meng ZH, McGee J, Ledbetter A, Richards J, Costa DL. Pulmonary responses to oil fly-ash particles in the rat differ by virtue of their specific soluble metals. Toxicological Sciences 1998; 43:204-212.
- Kodavanti UP, Meng ZH, Hauser R, Christiani DC, Ledbetter A, McGee J, Richards J, Costa DL. *In vivo* and *in vitro* correlates of particle-induced lung injury: specific roles of bioavailable metals. In: ILSI Monographs, relationships between respiratory disease and exposure to air pollution, ILSI Press, 1998.
- Lara-Marquez M, Moan MJ, Cartwright C, Drazen JM, Perkins DL, Christiani DC, Finn PW. Memory T-cells are activated in asthmatic patients with acute Exacerbation. J Allergy Clin Immunol 1998; 101:699-708.
- Lee B, Wain JC, Kelsey KT, Wiencke JK, Christiani DC. Association between diet and smoking with lung cancer location. Am J Resp Crit Care Med 1998; 158:1197-1203.
- Lee B, Wain JC, Kelsey KT, Wiencke JK, Christiani DC. Association of cigarette smoking and asbestos exposure with location and histology in lung cancer. Am J Resp Crit Care Med 1998; 157:748-755.
- Nelson HH, Wiencke JK, Gunn L, Wain JC, Christiani DC, Kelsey KT. Chromosome 3p14 alterations in lung cancer: evidence that FHIT exon deletion is a target of tobacco carcinogens and asbestos. Cancer Res 1998; 58(9):1804-1807.
- Padungtod C, Lasley BL, Christiani DC, Ryan LM, Xu X. Reproductive hormone profile among pesticide factory workers. J Occup Environ Med 1998; 40:1038-1047.
- Tacci JA, Webster BS, Hashemi L, Christiani DC. Healthcare utilization and referral patterns in the initial management of new onset, uncomplicated, low-back workers' compensation disability claims. Jour Occup Environ Med 1998; 40:958-968.
- Wang X, Wang B, Zhang F, Chen C, Yang J, Fang Z, Zhang X, Christiani DC, Weiss ST, Zuckerman B, Xu X. Blood pressure at age 3-24 years in a rural community in Anhui, China. Ann Epidemiol 1998; 8(8):504-512.
- Woodin MA, Hauser R, Liu YC, Smith TJ, Siegel PD, Lewis DM, Tollerud DJ, Christiani DC. Molecular markers of acute upper airway inflammation in workers exposed to fuel-oil ash. Am J Resp Crit Care Med 1998, 158:182-187.
- Wu MT, Huang SL, Ho CK, Yeh YF, Christiani DC. Cytochrome P450 1A1 MspI polymorphism and urinary 1-hydroxypyrene concentrations in coke-oven workers. Cancer Epidem, Biomarkers Prev 1998; 7:823-829.

- Wu MT, Wypij D, Mao IF, Ho CD, Chen ML. Temporal change in urinary 1-hydroxypyrene concentration in coke-oven workers. Cancer Epidem Biomarkers Prev 1998; 7:169-173.
- Wu MT, Mao IF, Ho CK, Wypij D, Lu PL, Smith TJ, Chen ML, Christiani DC. Urinary 1-hydroxypyrene concentrations in coke-oven workers. Occup and Env Med 1998; 55:461-468.
- Wu MT and Christiani DC. Elevated serum hepatic aminotransferase in coking workers after exposure to coke-oven emissions. J Occup Environ Med 1998; 40:303-305.
- Wu MT, Pan BJ, Christiani DC. Cancer mortality and residence near petrochemical industries in Taiwan. J Toxicol Environ Health 1998; 53:665-667.
- Xu XP, Cho SI, Samel M, You LY, Cui SE, Huang YM, Wang ZG, Huang W, Padungtod C, Pothier L, Niu TH, Christiani DC, Smith T, Ryan L, Wang LH. Association of petrochemical exposure with spontaneous abortion. Occup and Environ Med 1998; 55:31-36.
- Xu XP, Wiencke JK, Niu TH, Wang M, Watanabe H, Kelsey KT, Christiani DC. Benzene exposure, glutathione-S-transferase theta homozygous deletion, and sister chromatid exchanges. Am J Ind Med 1998; 33:157-163.
- Ye TT, Huang JX, Shen YE, Lu PL, Christiani DC. Respiratory symptoms and pulmonary function among Chinese rice-granary workers. Int J Occup Environ Health 1998; 4(3):155-159.
- Chen BKL, Amarasiriwardena C, Christiani DC. Determination of total arsenic concentrations in nails by inductively coupled plasma mass spectrometry. Biological Trace Element Research 1999; 67:109-125.
- Chen ML, Mao IF, Wu MT, Chen JR, Ho CK, Smith TJ, Wypij D, Christiani DC. Assessment of coke-oven emissions exposure among coking workers. Am Industr Hygiene Assoc J 1999; 60:105-110.
- Chatzis C, Danaka G, Linos A, Kales SN, Christiani DC. Lung cancer and occupational risk factors in Greece. J Occup Environ Med 1999; 41(1):29-35.
- Cho S-I, Li Q, Yang J, Chen C, Padungtod C, Ryan L, Christiani DC, Xu X. Drinking-water source and spontaneous abortion: a cross-sectional study in a rural Chinese population. Int J Occup Env Health 1999; 5:164-169.
- Christiani DC. Occupational and environmental lung problems of industrializing countries. Seminars in Resp and Critical Care Med 1999; 20(6): 551-557.
- Christiani DC, Ye TT, Zhang S, Wegman DH, Eisen EA, Ryan LA, Olenchock SA, Pothier L, Dai HL. Cotton dust and endotoxin exposure and long-term decline in lung function: results of a longitudinal study. Am J Ind Med 1999; 35:321-331.
- Dalvie MA, White N, Thuine R, Myers JE, London L, Christiani DC. The long-term respiratory health effects of the herbicide paraquat among Western Cape farmworkers. Occup and Environ Med 1999; 56:391-396.
- Ho CK, Lo WCH, Huang PH, Wu MT, Christiani DC, Lin CT. Suspected nasopharyngeal carcinoma in three workers with long-term exposure to sulfuric acid vapor. Occup and Environ Med 1999; 56(6):426-428.
- Hong YC, Leem JH, Hu EH, Christiani DC. PM₁₀ exposure, gaseous pollutants, and daily mortality in Inchon, South Korea. Environ Health Perspect 1999; 107:873-888.
- Kales SN, Aldrich JM, Polykronopoulos GN, Leitao EO, Artzerounian D, Gassert TH, Hu H, Kelsey KT, Sweet C, Christiani DC. Correlates of fitness for duty in hazardous materials firefighters. Am J Ind Med 1999; 36:618-629.
- Kales SN, Polykronopoulos GN, Aldrich JM, Leitao EO, Christiani DC. Correlates of body mass index in hazardous materials firefighters. J Occup Environ Med 1999 41:589-595.

- Kales SN, Polykronopoulos GN, Aldrich JM, Dimitriadis EA, Christiani DC. Interlaboratory comparisons of red blood cell cholinesterase activity. J Occup Environ Med 1999; 1:19-26.
- Moy EV, Hu H, Christiani DC. A retired shipyard workers with rapidly progressive pulmonary interstitial fibrosis. Envy Health Perspect 1999; 107(4):321-327.
- Nelson HH, Christiani DC, Wiencke JK, Mark EJ, Wain JC, Kelsey KT. K-ras mutation and occupational asbestos exposure in lung adenocarcinoma. Cancer Res 1999; 18:4570-4573.
- Nelson HH, Christiani DC, Wiencke JK, Wain JC, Mark EJ, Kelsey KT. Implications and prognostic value of k-ras mutation for early stage lung cancer in women. J Nat Cancer Inst 1999; 91(23):2032-2038.
- Padungtod C, Hassold T, Xu H, Ryan L, Savitz D, Christiani DC, Xu X. Sperm aneuploidy among Chinese pesticide factory workers: Scoring by the FISH method. Am J Ind Med 1999; 36:230-238.
- Padungtod C, Niu T, Wang Z, Savitz DA, Christiani DC, Ryan LM, Xu X. Paraoxonase polymorphism and its effect on male reproductive outcomes among Chinese pesticide factory workers. Am J Ind Med 1999; 36:379-387.
- Perry MJ and Christiani DC. Herbicide and insecticide exposures among dairy farm applicators. Am J Pub Health 1999; 7:1118-1119.
- Tacci JA, Webster BS, Hashemi L, Christiani DC. Clinical practices in the management of new onset, uncomplicated, low-back workers' compensation disability claims. J Occup Env Med 1999; 41:397-404.
- Wang X, Christiani DC, Mark EJ, Nelson H, Wiencke JK, Gunn L, Wain JC, Kelsey KT. Carcinogen exposure, p53 alteration, and k-ras mutation in synchronous multiple primary lung carcinoma. Cancer 1999; 85:1734-1739.
- Wiencke JK, Thurston SW, Kelsey KT, Varkonyi A, Wain JC, Mark EJ, Christiani DC. Early age at smoking initiation and tobacco carcinogen DNA damage in the lung. J Natl Cancer Inst 1999; 91:614-619.
- Woodin MA, Liu Y, Hauser R, Smith TJ, Christiani DC. Pulmonary function in workers, exposed to low levels of fuel-oil ash. J Occup Environ Med 1999; 4:973-980.
- Wu MT, Ho CK, Huang SL, Yeh YF, Liu CL, Mao IF, Christiani DC. Modulating influence of cytochrome P-450 MspI polymorphism on serum liver function profiles in coke oven workers. Occup Environ Med 1999; 56:159-163.
- Xia ZL, Jin SX, Zhou YI, Zhu JI, Jin FS, Hu DI, Fu H, Jin Ty, Christiani DC. Analysis of 541 cases of occupational acute chemical injuries at a large petrochemical company in China. Intl J Occup Environ Health 1999; 5:262-266.
- Chang S, Christiani DC, Chun BC, Lee WJ. Urinary excretion of hippuric acid after consumption of non-alcoholic beverages. Intl J Occup Environ Health 2000; 42:467-468.
- Chen C, Cho SI, Chen C, Wang X, Damokosh AI, Ryan L, Smith TJ, Christiani DC, Xu X. Exposure to benzene, occupational stress, and reduced birth weight. Occup Environ Med 2000; 57(10):661-667.
- Chen C, Cho SI, Damokosh AI, Chen D, Li G, Wang X, Xu X. Prospective study of exposure to environmental tobacco smoke and dysmenorrhea. Environ Health Perspect 2000; 108(11):1019-1022.
- Christiani DC, Wang XR, Pan LD, Zhang HX, Sun BX, Dai HL, Eisen EA, Wegman DH, Olenchock SA. Longitudinal changes in pulmonary function and respiratory symptoms in cotton textile workers: a fifteen-year follow-up study. Am J Respir Crit Care Med 2000; 163:847-853.
- Chong IW, Shi MM, Love JA, Christiani DC, Paulauskis JD. Regulation of chemokine mRNA expression in a rat model of vanadium-induced pulmonary inflammation. Inflammation 2000; 24(6):505-517.

- Duell EJ, Wiencke JK, Cheng TJ, Varkonyi A, Zuo ZF, Ashok TD, Mark EJ, Wain JC, Christiani DC, Kelsey KT. Polymorphisms in the DNA repair genes XRCC1 and ERCC2 and biomarkers of DNA damage in human blood mononuclear cells. *Carcinogenesis* 2000; 21(5):965-971.
- Fan R, Wu MT, Miller D, Wain JC, Kelsey KT, Wiencke JK, Christiani DC. The p53 codon72 polymorphism and lung cancer risk. *Cancer Epidemiol Biomarkers Prev* 2000; 9:1037-1042.
- Fassa AC, Facchini LA, Dall'agnol MM, Christiani DC. Child labor and health: Problems and perspectives. *Int Jour Occup Environ Health* 2000; 6:55-62.
- Kales SN, Christiani DC. Cardiovascular fitness in firefighters. *J Occup Environ Med* 2000; 42(5):467-468.
- Lee JT, Kim H, Hong YC, Kwon HJ, Schwartz J, Christiani DC. Air pollution and daily mortality in seven major cities in Korea, 1991-1997. *Environ Res* 2000; 84(3):247-254.
- Mahmud MA, Webster BS, Courtney TK, Matz S, Tacci J, Christiani DC. Clinical management and the duration of disability for work-related low-back pain. *J Occup Environ Med* 2000; 42:1178-1187.
- Padungtod C, Savitz DA, Overstreet JW, Christiani DC, Ryan LM, Xu X. Occupational pesticide exposure and semen quality among Chinese workers. *J Occup Environ Med* 2000; 42:982-992.
- Simpson CD, Wu MT, Christiani DC, Santella RM, Carmella SG, Herlet SS. Determination of r-7, t-8,9 C-10-tetrahydroxy-7,8,9,10-tetrahydrobenzo[a]pyrene in human urine by gas chromatography/negative ion chemical ionization/mass spectrometry. *Chemical Research in Toxicology* 2000; 13:271-280.
- Thurston SW, Ryan L, Christiani DC, Snow R, Carlson J, You LY, Cui SC, Ma GH, Wang LH, Huang YM, Xu XP. Petrochemical exposure and menstrual disturbances. *Am J Industr Med* 2000; 38:555-564.
- Wang XR and Christiani DC. Respiratory symptoms and functional status in workers exposed to silica, asbestos, and coal-mine dusts. *J Occup Environ Med* 2000; 42:1076-1084.
- Wang XB, Chen DF, Niu TH, Wang ZX, Ryan L, Christiani DC, Zuckerman B, Xu XP. Genetic susceptibility to benzene and shortened gestation: evidence of gene-environment interaction. *Am J Epidemiol* 2000; 152:693-700.
- Woodin MA, Liu YC, Neuberg D, Hauser R, Smith TJ, Christiani DC. Acute respiratory symptoms in workers exposed to vanadium-rich fuel-oil ash. *Am J Industr Med* 2000; 57:353-363.
- Wu MT, Demple B, Bennett RA, Christiani DC, Fan R, Hu H. Individual variability in the zinc inducibility of metallothionein-IIA mRNA in human lymphocytes. *J Toxicol Environ Health* 2000; 61(7):553-567.
- Xia ZL, Courtney TK, Sorock GS, Zhu JL, Fu H, Liang YX, Christiani DC. Fatal occupational injuries in a new development area in the People's Republic of China. *J Occup Environ Med* 2000; 49:917-922.
- Xia ZL, Sorock GS, Zhu J, Courtney TK, Fu H, Liang YX, Christiani DC. Fatal occupational injuries in the construction industry of new development area in East China. *Am Industr Hygiene Association Journal* 2000; 61:733-737.
- Chen C, Wang X, Chen D, Li G, Ronnenberg A, Watanabe H, Wang X, Ryan L, Christiani DC, Xu X. Tofu consumption and blood-lead levels in young Chinese adults. *Am J Epidemiol* 2001; 153(12):1206-1212.
- Cho S-I, Damokosh A, Ryan L, Chen D, Hu Y, Smith T, Christiani DC, Xu X. Effects of exposure to organic solvents on menstrual cycle length. *J Occup Environ Med* 2001; 43:567-575.
- Christiani DC, Sharp RR, Collman GW, Suk WA. Applying genomic technologies in environmental health research: challenges and opportunities. *J Occup Environ Med* 2001; 43(6):526-533.

- Christiani DC, Wang XR, Pan LD, Zhang HX, Sun BX, Dai H, Eisen EA, Wegman DH, Olenchock SA. Longitudinal changes in pulmonary function and respiratory symptoms in cotton textile workers: a 15 year follow-up study. Am J Respir Crit Care Med 2001; 163:847-853.
- Ha EH, Hong UC, Lee BE, Woo BH, Schwartz J, Christiani DC. Is air pollution a risk factor for low birth weight in Seoul? Epidemiology 2001; 12(6):643-648.
- Hauser R, Godleski JJ, Hatch V, Christiani DC. Ultrafine particles in human lung macrophages. Arch Environ Health 2001; 56(2):150-156.
- Hauser R, Eisen EA, Pothier L, Christiani DC. A prospective study of lung function among boilermaker construction workers exposed to combustion particles. Am J Ind Med 2001; 39(5):454-462.
- Hirao T, Nelson HH, Ashok TD, Wain JC, Mark EJ, Christiani DC, Wiencke JK, Kelsey KT. Tobacco smoke-induced DNA damage and an early age of smoking initiation induce chromosome loss at 3p21 in lung cancer. Cancer Res 2001; 61(2):612-615.
- Hong YC, Kim H, Leem M, Lee K, Woo B, Christiani DC. Maternal genetic effects on neonatal susceptibility to oxidative damage from environmental tobacco smoke. J Natl Cancer Inst 2001; 93(8):645-647.
- Kales SN, Freyman RL, Hill JM, Polyhronopoulos GN, Aldrich JM, Christiani DC. Firefighters' hearing: a comparison with population databases from the International Standards Organization. J Occup Environ Med 2001; 43(7):650-656.
- Kales SN, Mendoza PJ, Hill JM, Christiani DC. Spirometric surveillance in hazardous materials firefighters: does hazardous materials duty affect lung function? J Occup Environ Med 2001; 43(12):1114-1120.
- Kales SN, Polyhronopoulos GN, Aldrich JM, Mendoza PJ, Suh JH, Christiani DC. A prospective study of hepatic, renal, and hematologic surveillance in hazardous materials firefighters. Occup Environ Med 2001; 58(2):87-94.
- Kim DH, Nelson HH, Wiencke JK, Christiani DC, Wain JC, Mark EJ, Kelsey KT. Promoter methylation of DAP-kinase: association with advanced stage in non-small cell lung cancer. Oncogene 2001; 20(14):1765-1770.
- Kim DH, Nelson HH, Wiencke JK, Zheng S, Christiani DC, Wain JC, Mark EJ, Kelsey KT. p16(INK4a) and histology-specific methylation of CpG islands by exposure to tobacco smoke in non-small cell lung cancer. Cancer Res 2001; 61(8):3419-3424.
- Lara-Marquez ML, Moan MJ, Cartwright S, Listman J, Israel E, Perkins DL, Christiani DC, Finn PW. Atopic asthma: differential activation phenotypes among memory T helper cells. Clin Exp Allergy 2001; 31(8):1232-1241.
- Lee DH, Ha MH, Christiani DC. Body weight, alcohol consumption and liver enzyme activity – a 4-year follow-up study. Int J Epidemiol 2001; 30(4):766-770.
- Liu G, Miller DP, Zhou W, Thurston SW, Fan R, Xu LL, Lynch TJ, Wain JC, Su L, Christiani DC. Differential association of the codon 72 p53 and GSTM1 polymorphisms on histological subtype of non-small cell carcinoma. Cancer Res 2001; 61(15):8718-8722.
- Magari SR, Hauser R, Schwartz J, Williams PL, Smith TJ, Christiani DC. Association of heart-rate variability with occupational and environmental exposure to particulate air pollution. Circulation 2001; 104:986-991.
- Perry MJ, Christiani DC, Mathew J, Degenhardt D, Tortorelli J, Strauss J, Sonzogni WC. Urinalysis of atrazine exposure in farm pesticide applicators. Toxicol Ind Health 2001; 16(7-8):285-290.
- Schaeffner ES, Miller DP, Wain JC, Christiani DC. Use of an asbestos exposure score and the presence of pleural and parenchymal abnormalities in a lung cancer case series. Int J Occup Environ Health 2001; 7(1):14-18.
- Wang LI, Miller DP, Sai Y, Liu G, Su L, Wain JC, Lynch TJ, Christiani DC. Manganese superoxide dismutase alanine-to-valine polymorphism at codon 16 and lung cancer risk. J Natl Cancer Inst 2001; 93(23):1818-1821.

- Wang XR, Yano E, Wang M, Wang Z, Christiani DC. Pulmonary function in long-term asbestos workers in China. J Occup Environ Med 2001; 43(7):623-629.
- Xu LL, Wain JC, Miller DP, Thurston S, Su L, Lynch TJ, Christiani DC. The NAD(P)H oxidoreductase 1 gene polymorphism and lung cancer susceptibility: differentiated susceptibility based on smoking behavior. Cancer Epidemiol Biomarkers Prev 2001; 10:303-309.
- Zhai R, Liu G, Yang C, Huang C, Wu C, Christiani DC. The G to C polymorphism at -174 of the interleukin-6 gene is rare in a Southern Chinese population. Pharmacogenetics 2001; 11(8):699-701.
- Zhou W, Xu LL, Thurston S, Liu G, Miller DP, Wain JC, Lynch TJ, Christiani DC. The interaction between microsomal epoxide hydrolase polymorphisms and cumulative cigarette smoking in different histologic subtypes of lung cancer. Cancer Epidemiol Biomarkers Prev 2001; 10:461-466.
- Zhou W, Yuan D, Ye S, Qi P, Fu C, Christiani DC. Health effects of occupational exposures to vehicle emissions in Shanghai. Intl J Occup Environ Health 2001; 7(1):23-30.
- Bracken MB, Belanger K, Cookson WO, Triche E, Christiani DC, Leaderer BP. Genetic and perinatal risk factors for asthma onset and severity: a review and theoretical analysis. Epidemiol Rev 2002; 24(2):176-189.
- Chen YC, Amarasiriwardena CJ, Hsueh YM, Christiani DC. Stability of arsenic species and insoluble arsenic in human urine. Cancer Epidemiol Biomarkers Prev 2002; 11:1427-1433.
- Cho SI, Goldman MB, Ryan LM, Chen C, Damokosh AI, Christiani DC, Lasley BL, O'Connor JF, Wilcox AJ, Xu X. Reliability of serial urine HCG as a biomarker to detect early pregnancy loss. Hum Reprod 2002; 17(4):1060-1066.
- Christiani DC and W Zhou. Hormesis: the new approach in risk assessment? Human and Experimental Toxicology 2002; 21:399-400.
- Ha E, Cho SI, Park Y, Chen D, Chen C, Wang L, Xu X, Christiani DC. Does standing at work during pregnancy result in reduced infant birth weight? J Occup Env Med 2002; 44(9):815-821.
- Ha E, Cho SI, Chen D, Chen C, Ryan L, Smith TJ, Xu X, Christiani DC. Parental exposure to organic solvents and reduced birth weight. Arch Environ Health 2002; 57(3):207-214.
- Hauser R, Altshul L, Chen Z, Ryan L, Overstreet J, Schiff I, Christiani DC. Environmental organochlorines and semen quality: results of a pilot study. Environ Health Perspect 2002; 110(3):229-233.
- Hauser R, Eisen EA, Pothier L, Christiani DC. Spirometric abnormalities associated with chronic bronchitis, asthma and airway hyperresponsiveness among boilermaker construction workers. Chest 2002; 121(6):2052-2060.
- Hong YC, Lee KH, Yi CH, Ha EH, Christiani DC. Genetic susceptibility of term pregnant women to oxidative damage. Toxicol Lett 2002; 40:17-24.
- Hong YC, Lee JT, Kim H, Ha EH, Schwartz J, Christiani DC. Effects of air pollutants on acute stroke mortality. Environ Health Perspect 2002; 110(2):187-191.
- Hu YA, Smith TJ, Xu XP, Wang LH, Watanabe H, Kono K, Orita Y, Christiani DC. Comparison of self-assessment of solvent exposure with measurement and professional assessment. Am J Industr Med 2002; 41(6):483-489.
- Kales SN, Soteriades ES, Christoudias SG, Tucker SA, Nicolaou M, Christiani DC. Firefighters' blood pressure and employment status on hazardous materials teams in Massachusetts: a prospective study. J Occup Environ Med 2002; 44(7):669-676.

- Kodavanti UP, Schladweiler MC, Ledbetter AD, Hauser R, Christiani DC, McGee J, Richards JR, Costa DL. Temporal association between pulmonary and systemic effects of particulate matter in healthy and cardiovascular comprised rats. J Toxicol Environ Health 2002; 65(20):1545-1569.
- Kodavanti UP, Schladweiler MC, Ledbetter AD, Hauser R, Christiani DC, Samet JM, McGee J, Richards JR, Costa DL. Pulmonary and systemic effects of zinc-containing emission particles in three rat strains: multiple exposure scenarios. Toxicol Sci 2002; 70(1):73-85.
- Magari SR, Schwartz J, Williams PL, Hauser R, Smith TJ, Christiani DC. The association of particulate air metal concentrations with heart rate variability. Environmental Health Perspectives 2002; 110(9):875-880.
- Magari SR, Schwartz J, Williams PL, Hauser R, Smith TJ, Christiani DC. The association between personal measurements of environmental exposure to particulates and heart rate variability. Epidemiology 2002; 13(3):305-310.
- Miller DP, Liu G, DeVivo I, Lynch TJ, Wain JC, Su L, Christiani DC. Combinations of the variant genotypes of *GSTP1*, *GSTM1*, and *p53* are associated with an increased lung cancer risk. Cancer Res 2002; 62(10):2819-2823.
- Mukherjee S, Rodrigues E, Weker R, Palmer LJ, Christiani DC. 1-hydroxypyrene as a biomarker of occupational exposure to polycyclic aromatic hydrocarbons (PAH) in boilermakers. J Occup Environ Med 2002; 44(12):1119-1125.
- Sorensen G, Stoddard AM, LaMontagne AD, Emmons K, Hunt MK, Youngstrom R, McLellan D, Christiani DC. A comprehensive worksite cancer prevention intervention: behavior change results from a randomized controlled trial (United States). Cancer Causes Control 2002; 13(6):493-502.
- Soteriades ES, Kales SN, Liarokapis D, Christoudias SG, Tucker SA, Christiani DC. Lipid profile of firefighters over time: opportunities for prevention. J Occup Env Med 2002; 44(9):840-846.
- Vayssier-Taussat M, Kreps SE, Adrie C, Dall'Ava J, Christiani DC, Polla BS. Mitochondrial membrane potential: a novel biomarker of oxidative environmental stress. Environ Health Perspect 2002; 110(3):301-303.
- Wang XR, Pan LD, Zhang HX, Sun BX, Dai HL, Christiani DC. Follow-up study of respiratory health of newly-hired female cotton textile workers. Am J Ind Med 2002; 41(2):111-118.
- Wu MT, Simpson CD, Christiani DC, Hecht SS. Relationship of exposure to coke-oven emissions and urinary metabolites of benzo(a)pyrene and pyrene in coke-oven workers. Cancer Epidemiol Biomarkers Prev 2002; 11(3):311-314.
- Xu LL, Liu G, Miller DP, Zhou W, Lynch TJ, Wain JC, Su L, Christiani DC. Counterpoint: the myeloperoxidase -463G→A polymorphism does not decrease lung cancer susceptibility in Caucasians. Cancer Epidemiol Biomarkers Prev 2002; 11(12):1555-1559.
- Zhai R, Yang C, Huang C, Wu C, Liu G, Christiani D. Genetic polymorphisms of *MnSod*, *GSTM1*, *GSTT1* and *OGG1* in coal workers' pneumoconiosis. Jour Occup Environ Med 2002 44(4):372-377.
- Zhou W, Liu G, Miller DP, Thurston SW, Xu LL, Wain JC, Lynch TJ, Su L, Christiani DC. Gene-environment interaction for the *ERCC2* polymorphisms and cumulative cigarette-smoking exposure in lung cancer. Cancer Research 2002; 62(5):1377-1381.
- Zhou W, Liu G, Thurston SW, Xu LL, Miller DP, Wain JC, Lynch TJ, Su L, Christiani DC. Genetic polymorphisms in N-acetyltransferase-2 and microsomal epoxide hydrolase, Cumulative Cigarette Smoking, and Lung Cancer. Cancer Epidemiol Biomarkers Prev 2002; 11(1):15-21.
- Zhou W, Liang YX, Christiani DC. Utility of the WHO Neurobehavioral Core Test Battery in Chinese workers-a Meta-analysis. Environ Res 2002; 88:94-102.
- Agiulliu I, Eisen EA, Hauser R, Redlich CA, Stowe MH, Cullen MR, Wegman DH, Christiani DC, Kennedy SM. Truncating the dose range for methacholine challenge tests: three occupational studies. J Occup Environ Med 2003; 45(8):841-847.

- Chen JC, Chang WR, Shih TS, Chen CJ, Chang WP, Dennerlein JT, Ryan LM, Christiani DC. Predictors of whole-body vibration levels among urban taxi drivers. Ergonomics 2003; 46(11):1075-1090.
- Chen YC, Su HJ, Guo YL, Hsueh YM, Smith TJ, Ryan LM, Lee MS, Christiani DC. Arsenic methylation and bladder cancer risk in Taiwan. Cancer Causes and Control 2003; 14(4):303-310.
- Chen YC, Guo YL, Su HJ, Hsueh YM, Smith TJ, Ryan LR, Lee MS, Chao, SC, Lee JY, Christiani DC. Arsenic methylation and skin cancer risk in southwestern Taiwan. J Occup Environ Med 2003; 45(3):241-248.
- Chen YC, Xu LL, Guo YL, Su HJ, Hsueh YM, Smith TJ, Ryan LR, Lee MS, Christiani DC. Genetic polymorphisms in *p53* codon 72 and skin cancer in southwestern Taiwan. J Environ Sci Health 2003; A38(1):201-211.
- Christiani DC, Wang XR. Respiratory effects of long-term exposure to cotton dust. Curr Opin Pulm Med 2003; 9(2):151-155.
- Duty SM, Silva MJ, Barr DB, Brock JW, Ryan L, Chen Z, Herrick RF, Christiani DC, Hauser R. Phthalate exposure and human semen parameters. Epidemiology 2003; 14(3):269-277.
- Duty SM, Singh NP, Silva MJ, Barr DB, Brock JW, Ryan L, Herrick RJ, Christiani DC, Hauser R. The relationship between environmental exposures to phthalates and DNA damage in human sperm using the neutral comet assay. Environ Health Perspect 2003;111(9):1164-1169.
- Gong MN, Sai Y, Zhou W, Thompson BT, Xu LL, Christiani DC. Genotyping patients with recent blood transfusions. Epidemiology 2003; 14(6):744-747.
- Ha EH, Lee JT, Kim H, Hong YC, Lee BE, Park HS, Christiani DC. Infant susceptibility of mortality to air pollution in Seoul, South Korea. Pediatrics 2003; 111(2):284-290.
- Huang CI, Neuberg D, Johnson BE, Wei JY, Christiani DC. Expression of bcl-2 protein is associated with shorter survival in nonsmall cell lung carcinoma. Cancer 2003; 98(1):135-143.
- Kales SN, Soteriades ES, Christoudias SG, Christiani DC. Firefighters and on-duty deaths from coronary heart disease: a case control study. Environ Health 2003; 2(1):14.
- Kim JY, Hauser R, Wand MP, Herrick RF, Amarasiriwardena CJ, Christiani DC. The association of expired nitric oxide with occupational particulate metal exposure. Environ Res 2003; 93(2):158-166.
- Kim JY, Hauser R, Wang MP, Herrick RF, Houk RS, Aeschliman DB, Woodin MA, Christiani DC. Association of expired nitric oxide with urinary metal concentrations in boilermakers exposed to residual oil fly ash. Am J Ind Med 2003; 44(5):458-466.
- Kim JY, Wand MP, Hauser R, Mukherjee S, Herrick RF, Christiani DC. Association of expired nitric oxide with occupational particulate exposure. Environmental Health Perspectives 2003; 111(5):676-680.
- Kodavanti UP, Moyer CF, Ledbetter AD, Schladweiler MC, Costa DL, Hauser R, Christiani DC, Nyska A. Inhaled environmental combustion particles cause myocardial injury in the Wistar Kyoto rat. Toxicol Sci 2003; 71(2):237-245.
- LaMontagne AD, Youngstrom RA, Lewiton M, Stoddard AM, Perry MJ, Klar JM, Christiani DC, Sorensen G. An exposure prevention rating method for intervention needs assessment and effectiveness evaluation. Applied Occup and Environ Hygiene 2003; 18(7):523-534.
- Lee BW, London L, Paulauskis J, Myers J, Christiani DC. Association between human paraoxonase gene polymorphism and chronic symptoms in pesticide-exposed workers. J Occup Env Med 2003; 45(2):118-122.
- Lee DA, Ha MH, Kim JH, Christiani DC, Gross MD, Steffes M, Blomhoff R, Jacobs DR Jr. Gamma-glutamyltransferase and diabetes—a 4 year follow-up study. Diabetologia 2003; 46(3):359-364.

- Miller DP, DeVivo I, Neuberg D, Wain JC, Lynch TJ, Su L, Christiani DC. Association between self-reported environmental tobacco smoke exposure and lung cancer: Modification by *GSTP1* polymorphism. Int J Cancer 2003; 104(6):758-763.
- Miller DP, Neuberg D, De Vivo I, Wain JC, Lynch TJ, Su L, Christiani DC. Smoking and the risk of lung cancer: susceptibility with *GSTP1* polymorphisms. Epidemiology 2003; 14(5):545-551.
- Sorensen G, Stoddard AM, LaMontagne AD, Emmons K, Hunt MK, Youngstrom R, McLellan D, Christiani DC. A comprehensive worksite cancer prevention intervention: behavior change results from a randomized controlled trial (United States). J Public Health Policy 2003; 24(1):5-25.
- Soteriades ES, Kales SN, Liarokapis D, Christiani DC. Prospective surveillance of hypertension in firefighters. J Clin Hypertens 2003; 5(5):315-320.
- Su L, Liu G, Zhou W, Xu LL, Miller D, Park S, Lynch TJ, Wain JC, Christiani DC. No association between the *p21 codon 31 Serine-Arginine* polymorphism and lung cancer risk. Cancer Epidemiol Biomarkers Prev 2003; 12:174-175.
- Su L, Sai Y, Fan R, Thurston SW, Miller DP, Zhou W, Wain JC, Lynch TJ, Liu G, Christiani DC. *P53* (codon 72) and *p21* (codon 31) polymorphisms alter in vivo mRNA expression of p21. Lung Cancer 2003; 40(3):259-266.
- Tsai HT, Wu MT, Hauser R, Rodrigues E, Ho CK, Liu CL, Christiani DC. Exposure to environmental tobacco smoke and urinary 1-hydroxypyrene levels in preschool children. Kaohsiung J Med Sci 2003; 19(3):97-104.
- Xiao D, Wang C, Du MJ, Pang BS, Zhang HY, Xiao B, Liu JZ, Weng XZ, Su L, Christiani DC. Association between polymorphisms in the microsomal epoxide hydrolase (mEH) gene and chronic obstructive pulmonary disease. Chinese Medical Journal (Chinese) 2003; 83(20):1782-1786.
- Xiao D, Wang C, Du MJ, Pang BS, Zhang HY, Xiao B, Liu JZ, Weng XZ, Su L, Christiani DC. Association between polymorphisms in the gene coding form glutathione S-transferase P1 and chronic obstructive pulmonary disease. Chinese Medical Journal (Chinese) 2003; 26(9):555-558.
- Wang XR, Eisen EA, Zhang HX, Sun BX, Dai HL, Pan LD, Wegman DH, Olenchock SA, Christiani DC. Respiratory symptoms and cotton dust exposure: Results of a 15 year follow-up observation. Occup Environ Med 2003; 60(12):935-941.
- Wang XR, Pan LD, Zhang HX, Sun BX, Dai HL, Christiani DC. A longitudinal observation of early pulmonary responses to cotton dust. Occup Environ Med 2003; 60:115-121.
- Wang XR, Pan LD, Zhang HX, Sun BX, Dai HL, Christiani DC. Lung function, airway reactivity, and atopy in newly hired female cotton textile workers. Arch Environ Health 2003; 58(1):6-13.
- Zhou W, Liu G, Miller DP, Thurston SW, Xu LL, Wain JC, Lynch TJ, Su L, Christiani DC. Polymorphisms in the DNA repair genes *XRCC1* and *ERCC2*, smoking, and lung cancer risk. Cancer Epidemiol Biomarkers Prev 2003; 12(4):359-365.
- Ali R, Yu CL, Wu MT, Ho CK, Pan BJ, Smith T, Christiani DC. A case-control study of parental occupation, leukemia, and brain tumors in an industrial city in Taiwan. J Occup Environ Med 2004; 46(9):958-992.
- Chen JC, Chang WR, Shih TS, Chen CJ, Chang WP, Dennerlein JT, Ryan LM, Christiani DC. Using exposure prediction rules for exposure assessment: an example on whole-body vibration in taxi drivers. Epidemiology 2004; 15(3):293-299.
- Chen JC, Dennerlein JT, Shih TS, Chen CJ, Cheng Y, Chang WP, Ryan LM, Christiani DC. Knee pain and driving duration: a secondary analysis of the Taxi Drivers' Health Study. Am J Public Health 2004; 94(4):575-581.

- Chen YC, Chen JH, Richard K, Chen PY, Christiani DC. Lung adenocarcinoma and human papillomavirus infection. Cancer 2004; 101(6):238-240.
- Gong MN, Wei Z, Xu LL, Miller DP, Thompson BT, Christiani DC. Polymorphism in the surfactant protein-B gene, gender, and the risk of direct pulmonary injury and ARDS. Chest 2004; 125(1):203-211.
- Gurubhagavatula S, Liu G, Park S, Zhou W, Su L, Wain JC, Lynch TJ, Neuberg DS, Christiani DC. XPD and XRCC1 genetic polymorphisms are prognostic factors in advanced non-small-cell lung cancer patients treated with platinum chemotherapy. J Clin Oncol 2004; 22(13):2594-2601.
- Hang J, Zhou W, Wang X, Zhang H, Sun B, Dai H, Su L, Christiani DC. Microsomal Epoxide Hydrolase, Endotoxin, and Lung Function Decline in Cotton Textile Workers. Am J Respir Crit Care Med (2004, Epub; 2005; 171:165-170).
- Hang J, Zhou W, Zhang H, Sun B, Dai H, Su L, Christiani DC. *TLR4 Asp299Gly* and *Thr399Ile3* polymorphisms are very rare in the Chinese population. J Endotoxin Res 2004; 10(4):238-240.
- Janne PA, Li C, Zhao X, Girard L, Chen TH, Minna J, Christiani DC, Johnson BE, Meyerson M. High-resolution single-nucleotide polymorphism array and clustering analysis of loss of heterozygosity in human lung cancer cell lines. Oncogene 2004; 23(15):2716-2726.
- Kales SN, Linos A, Chatzis C, Sai Y, Halla M, Nasioulas G, Christiani DC. The role of collagen IX tryptophan polymorphisms in symptomatic intervertebral disc disease in Southern European patients. Spine 2004; 29(11):1266-1270.
- Kales SN, Soteriades ES, Christoudias SG, Christiani DC. Firefighters and on-duty deaths from coronary heart disease: a case-control study. Environ Health 2004; 2(1):14.
- Kim JY, Mukherjee S, Ngo LC, Christiani DC. Urinary 8-hydroxy-2'-deoxyguanosine as a biomarker of oxidative DNA damage in workers exposed to fine particulates. Environ Health Perspect 2004; 112(6):666-671.
- Liu G, Zhou W, Park S, Wang LI, Miller DP, Wain JC, Lynch TJ, Su L, Christiani DC. The *SOD2 Val/Val* genotype enhances the risk of nonsmall cell lung carcinoma by *p53* and *XRCC1* polymorphisms. Cancer 2004.
- Liu G, Zhou W, Wang LI, Park S, Miller DP, Xu LL, Wain JC, Lynch TJ, Su L, Christiani DC. *MPO* and *SOD2* polymorphisms, gender, and the risk of non-small cell lung carcinoma. Cancer Letters 2004; 214(1):69-79.
- Lynch TJ, Bell DW, Sordella R, Gurubhagavatula S, Okimoto RA, Brannigan BW, Harris PL, Haserlat SM, Supko JG, Haluska FG, Louis DN, Christiani DC, Settleman J, Haber DA. Activating mutations in the epidermal growth factor receptor underlying responsiveness of non-small-cell lung cancer to gefitinib. N Engl J Med 2004; 350(21):2129-2139.
- McCarty KM, Senn DB, Kile ML, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. Antimony: an unlikely confounder in the relationship between well water arsenic and health outcomes in Bangladesh. Environ Health Perspect 2004; 112(8):809-811.
- Mukherjee S, Palmer LJ, Kim JY, Aeschliman DB, Houk RS, Woodin MA, Christiani DC. Smoking status and occupational exposure affects oxidative DNA injury in boilermakers exposed to metal fume and residual oil fly ash. Cancer Epidemiology, Biomarkers, Prevention 2004; 13(3):454-460.
- Ryan L, Huang W, Thurston SW, Kelsey KT, Wiencke JK, Christiani DC. On the use of biomarkers for environmental health research. Stat Methods Med Res 2004; 13(3):207-225.
- Wang LI, Neuberg D, Christiani DC. Asbestos exposure, manganese superoxide dismutase (MnSOD) genotype, a lung cancer risk. J Occup Environ Med 2004; 46(6):556-564.
- Wang XR, Zhang HX, Sun BX, Dai HL, Pan LD, Eisen EA, Wegman DH, Olenchock SA, Christiani DC. Is chronic airway obstruction from cotton dust exposure reversible? Epidemiology 2004; 15(6):695-701.

- Xiao D, Wang C, Du MJ, Pang BS, Zhang HY, Xiao B, Liu JZ, Weng WZ, Su L, Christiani DC. Relationship between polymorphisms of genes encoding microsomal epoxide hydrolase and glutathione S-transferase P1 and chronic obstructive pulmonary disease. Chin Med J 2004; 117(5):661-667.
- Zhao X, Li C, Paez JG, Chin K, Janne PA, Chen TH, Girard L, Minna J, Christiani DC, Leo C, Gray JW, Sellers WR, Meyerson M. An integrated view of copy number and allelic alterations in the cancer genome using single nucleotide polymorphism arrays. Cancer Res 2004; 64(9):3060-3071.
- Zhou W, Gurubhagavatula S, Liu G, Park S, Neuberg DS, Wain JC, Lynch TJ, Su L, Christiani DC. Excision repair cross-complementation group 1 polymorphism predicts overall survival in advanced non-small cell lung cancer patients treated with platinum-based chemotherapy. Clin Cancer Res 2004; 10(15):4939-4943.
- Chen YC, Xu L, Guo YL, Su HJ, Smith TJ, Ryan LM, Lee MS, Christiani DC. Polymorphisms in *GSTT1* and *p53* and urinary transitional cell carcinoma in southwestern Taiwan – a preliminary study. Biomarkers *In press*.
- Chen YC, Su HJ, Guo YL, Houseman EA, Christiani DC. Interaction between environmental tobacco smoke and arsenic methylation ability on the risk of bladder cancer. Cancer Causes and Control 2005; 16:75-81.
- Kim JY, Chen JC, Boyce PD, Christiani DC. Exposure to welding fumes is associated with acute systemic inflammatory responses. Occup Environ Med. 2005; 62:157-163.
- Kim JY, Hecht SS, Mukherjee S, Carmella SG, Rodrigues EG, Christiani DC. A urinary metabolite of phenanthrene as a biomarker of polycyclic aromatic hydrocarbon metabolic activation in workers exposed to residual oil fly ash. Cancer Epidemiol Biomarkers Prev. *In press*.
- Kim JY, Magari SR, Herrick RF, Smith TJ, Christiani DC. Comparison of fine particulate measurements from a direct-reading instrument and a gravimetric sampling method. J Occup Environ Hyg. 2004; 11:707-715.
- Wang Z, Neuburg D, Li C, Su L, Kim JY, Chen JC, Christiani DC. Global expression profiling in whole blood samples from individuals exposed to metal fumes. Environ Health Perspect.
- Chen YC, XU L, Guo YL, Su HJ, Smith TJ, Ryan LM, Lee MS, Christiani DC. Polymorphisms in *GSTT1* and *p53* and urinary transitional cell carcinoma in south-western Taiwan: a preliminary study. Biomarkers. 2004 Jul-Oct;9(4-5):386-394.
- Wang LI, Giocanucci EL, Hunter D, Neuberg D, Su L, Christiani DC. Dietary intake of Cruciferous vegetables, Glutathione S-transferase (GST) polymorphisms and lung cancer risk in a Caucasian population. Cancer Causes Control. 2004 Dec;15(10):977-985.
- Chen JC, Chan WP, Katz JN, Chang WP, Christiani DC. Occupational and personal factors associated with acquired lumbar spondylolisthesis of urban taxi drivers. Occup Environ Med. 2004 Dec;61(12):992-998.
- Liu Y, Woodin MA, Smith TJ, Herrick RF, Williams PL, Hauser R, Christiani DC. Exposure to fuel-oil ash and welding emissions during the overhaul of an oil-fired boiler. J Occup Environ Hyg. 2005; 9:435-443.
- Varykonyi A, Kelsey K, Semey K, Bodell WJ, Levay G, Mark E, Wain, JC, Christiani DC, Wiencke JK. Polyphenol associated-DNA adducts in lung and blood mononuclear cells from lung cancer patients. Cancer Lett. 2005 (Epub ahead of print).
- Liu Y, Woodin MA, Hauser R, Williams PL, Herrick RF, Christiani DC, Smith TJ. Estimation of personal exposures to particulate matter and metals in boiler overhaul work. J of Occup Environ Med. 2005 Jan;47(1):68-78.
- Suk R, Gurubhagavatula S, Park S, Zhou W, Su L, Lynch TJ, Wain JC, Neuberg D, Liu G, Christiani DC. Polymorphisms in ERCC1 and grade 3 or 4 toxicity in non-small cell lung cancer patients. Clin Cancer Res. 2005 Feb 15;11(4):1534-1538.

- Zhou W, Liu G, Park S, Wang Z, Wain JC, Lunch TJ, Su L, Christiani DC. Gene-smoking interaction associations for the ERCC1 polymorphisms in the risk of lung cancer. Cancer Epidemiol Biomarkers Prev. 2005 Feb;14(2):491-496.
- Wang Z, Neuburg D, Li C, Su L, Kim JY, Chen JC, Christiani DC. Global gene expressions profiling in whole-blood samples from individuals exposed to metal fumes. Environ Health Perspect. 2005 Feb;113(2):233-241.
- Kim JY, Hecht SS, Mukherjee S, Carmella SG, Rodrigues EG, Christiani DC. A urinary metabolite of phenanthrene as a biomarker of polycyclic aromatic hydrocarbon metabolic activation in workers exposed to residual oil fly ash. Cancer Epidemiol Biomarkers Prev. 2005 Mar;14(3):687-692.
- Su L, Zhou W, Park S, Wain JC, Lynch TJ, Liu G, Christiani DC. Matrix metalloproteinase-1 promoter polymorphism and lung cancer risk. Cancer Epidemiol Biomarkers Prev. 2005 Mar;14(3):567-570.
- Perry, MJ, Sun BX, Zhang HX, Wang X, Christiani D. Emergency department surveillance of occupational injuries in Shanghai's Putuo District, People's Republic of China. Am Epidemiol. 2005 May;15(5):331-357.
- Gong MN, Thompson BT, Williams P, Pothier L, Boyce PD, Christiani, DC. Clinical predictors of and mortality in acute respiratory distress syndrome: potential role of red cell transfusion. Crit Care Med. 2005 Jun; 33(6):1191-1198.
- Liu G, Zhou W, Christiani DC. Molecular epidemiology of non-small cell lung cancer. Semin Respir Crit Care Med. 2005 Jun;26(3):265-72. Review.
- Mukherjee S, Rodrigues E, Aeschliman DB, Houk RS, Palmer LJ, Woodin MA, Weker R, Christiani DC. Urinary metal and polycyclic aromatic hydrocarbon biomarkers in boilermakers exposed to metal fume and residual oil fly ash. Am J Ind Med. 2005 Jun;47(6):484-493.
- Varkonyi A, Kelsey K, Semey K, Bodell WJ, Levay G, Mark E, Wain JC, Christiani DC, Wiencke JK. Polyphenol associated-DNA adducts in lung and blood mononuclear cells from lung cancer patients. Cancer Lett. 2005 Jun 18; [Epub ahead of print]
- Zhao X, Weir BA, LaFramboise T, Lin M, Beroukhim R, Garraway L, Beheshti J, Lee JC, Naoki K, Richards WG, Sugarbaker D, Chen F, Rubin MA, Janne PA, Girard L, Minna J, Christiani DC, Li C, Sellers WR, Meyerson M. Homozygous deletions and chromosome amplifications in human lung carcinomas revealed by single nucleotide polymorphism array analysis. Cancer Res. 2005 Jul 1; 65(3):5561-5570.
- Chen JC, Dennerlein JT, Chang CC, Chang WR, Christiani DC. Seat inclination, use of lumbar support and low-back pain of taxi drivers. Scand J Work Environ Health. 2005 Aug;31(4):258-65.
- Chen JC, Chang WR, Chang W, Christiani D. Occupational factors associated with low back pain in urban taxi drivers. Occup Med (Lond). 2005 Oct;55(7):535-40. Epub 2005 Sep 1.
- Gong MN, Zhou W, Williams PL, Thompson BT, Pothier L, Boyce P, Christiani DC. -308GA and TNFB polymorphisms in acute respiratory distress syndrome. Eur Respir J. 2005 Sep;26(3):382-9.
- Liu Y, Woodin MA, Smith TJ, Herrick RF, Williams PL, Hauser R, Christiani DC. Exposure to fuel-oil ash and welding emissions during the overhaul of an oil-fired boiler. J Occup Environ Hyg. 2005 Sep;2(9):435-43.
- Ku CH, Liu YT, Christiani DC. Case report: occupationally related recurrent varicella (chickenpox) in a hospital nurse. Environ Health Perspect. 2005 Oct;113(10):1373-5.
- Soteriades ES, Hauser R, Kawachi I, Liarokapis D, Christiani DC, Kales SN. Obesity and cardiovascular disease risk factors in firefighters: a prospective cohort study. Obes Res. 2005 Oct;13(10):1756-63.
- Thurston SW, Liu G, Miller DP, Christiani DC. Modeling lung cancer risk in case-control studies using a new dose metric of smoking. Cancer Epidemiol Biomarkers Prev. 2005 Oct;14(10):2296-302. Erratum in: Cancer Epidemiol Biomarkers Prev. 2005 Dec;14(12):3020.

- Zhou W, Suk R, Liu G, Park S, Neuberger DS, Wain JC, Lynch TJ, Giovannucci E, Christiani DC. Vitamin D is associated with improved survival in early-stage non-small cell lung cancer patients. *Cancer Epidemiol Biomarkers Prev.* 2005 Oct;14(10):2303-9.
- Kile ML, Houseman EA, Rodrigues E, Smith TJ, Quamruzzaman Q, Rahman M, Mahiuddin G, Su L, Christiani DC. Toenail arsenic concentrations, GSTT1 gene polymorphisms, and arsenic exposure from drinking water. *Cancer Epidemiol Biomarkers Prev.* 2005 Oct;14(10):2419-26.
- Fassa AG, Facchini LA, Dall'Agnol MM, Christiani DC. Child labor and musculoskeletal disorders: the Pelotas (Brazil) epidemiological survey. *Public Health Rep.* 2005 Nov-Dec;120(6):665-73.
- Zhou W, Park S, Liu G, Miller DP, Wang LI, Pothier L, Wain JC, Lynch TJ, Giovannucci E, Christiani DC. Dietary iron, zinc, and calcium and the risk of lung cancer. *Epidemiology.* 2005 Nov;16(6):772-9.
- Su L, Zhou W, Asomaning K, Lin X, Wain JC, Lynch TJ, Liu G, Christiani DC. Genotypes and haplotypes of matrix metalloproteinase 1, 3 and 12 genes and the risk of lung cancer. *Carcinogenesis.* 2005 Nov 25; [Epub ahead of print]
- Wang XR, Zhang HX, Sun BX, Dai HL, Hang JQ, Eisen EA, Wegman DH, Olenchock SA, Christiani DC. A 20-year follow-up study on chronic respiratory effects of exposure to cotton dust. *Eur Respir J.* 2005 Nov;26(5):881-6.
- Chen JC, Chen YJ, Chang WP, Christiani DC. Long driving time is associated with haematological markers of increased cardiovascular risk in taxi drivers. *Occup Environ Med.* 2005 Dec;62(12):890-4.
- Zhai R, Su S, Lu X, Liao R, Ge X, He M, Huang Y, Mai S, Lu X, Christiani D. Proteomic profiling in the sera of workers occupationally exposed to arsenic and lead: identification of potential biomarkers. *Biometals.* 2005 Dec;18(6):603-13.
- Yu CL, Wang SF, Pan PC, Wu MT, Ho CK, Smith TJ, Li Y, Pothier LJ, Christiani DC. No association between residential exposure to petrochemicals and brain tumor risk. *Cancer Epidemiol Biomarkers Prev.* 2005 Dec;14(12):3007-9.
- Webster BS, Courtney TK, Huang YH, Matz S, Christiani DC. Physicians' initial management of acute low back pain versus evidence-based guidelines. Influence of sciatica. *J Gen Intern Med.* 2005 Dec;20(12):1132-5.
- Parikh SM, Mammoto T, Schultz A, Yuan HT, Christiani DC, Karumanchi SA, Sukhatme VP. Excess Circulating Angiopoietin-2 May Contribute to Pulmonary Vascular Leak in Sepsis in Humans. *PLoS Med.* 2006 Jan 24;3(3):e46
- Astrakianakis G, Seixas NS, Camp JE, Christiani DC, Feng Z, Thomas DB, Checkoway H. Modeling, Estimation and Validation of Cotton Dust and Endotoxin Exposures in Chinese Textile Operations. *Ann Occup Hyg.* 2006 Apr 21; [Epub ahead of print]
- Boyce PD, Kim JY, Weissman DN, Hunt J, Christiani DC. pH increase observed in exhaled breath condensate from welding fume exposure. *J Occup Environ Med.* 2006 Apr;48(4):353-6.
- McCarty KM, Houseman EA, Quamruzzaman Q, Rahman M, Mahiuddin G, Smith T, Ryan L, Christiani DC. The impact of diet and betel nut use on skin lesions associated with drinking-water arsenic in Pabna, Bangladesh. *Environ Health Perspect.* 2006 Mar;114(3):334-40.
- Gong MN, Thompson BT, Williams PL, Zhou W, Wang MZ, Pothier L, Christiani DC. Interleukin-10 polymorphism in position -1082 and acute respiratory distress syndrome. *Eur Respir J.* 2006 Apr;27(4):674-81.
- Breton CV, Houseman EA, Kile ML, Quamruzzaman Q, Rahman M, Mahiuddin G, Christiani DC. Gender-specific protective effect of hemoglobin on arsenic-induced skin lesions. *Cancer Epidemiol Biomarkers Prev.* 2006 May;15(5):902-7.
- Wang X, Yano E, Wang Z, Wang M, Christiani DC. Adverse effects of asbestos exposure and smoking on lung function. *Am J Ind Med.* 2006 May;49(5):337-42.

- Yu CL, Wang SF, Pan PC, Wu MT, Ho CK, Smith TJ, Li Y, Pothier L, Christiani DC. Residential exposure to petrochemicals and the risk of leukemia: using geographic information system tools to estimate individual-level residential exposure. *Am J Epidemiol*. 2006 Aug 1;164(3):200-7. Epub 2006 Jun 5.
- Zhou W, Heist RS, Liu G, Park S, Neuberger DS, Asomaning K, Wain JC, Lynch TJ, Christiani DC. Smoking cessation before diagnosis and survival in early stage non-small cell lung cancer patients. *Lung Cancer*. 2006 Jun 28; [Epub ahead of print]
- Webster BS, Courtney TK, Huang YH, Matz S, Christiani DC. Survey of acute low back pain management by specialty group and practice experience. *J Occup Environ Med*. 2006 Jul;48(7):723-32.
- Chen JC, Stone PH, Schwartz J, Kim JY, Herrick RF, Christiani DC. Arrhythmogenesis in human response to particulate air pollutants. *Epidemiology*. *In Press*.
- Kile ML, Houseman A, Rodrigues E, Smith TJ, Quamruzzaman Q, Rahman M, Mahiuddin G, Su L, Christiani DC. Toenail arsenic concentrations, GSTT1 gene polymorphisms, and arsenic exposure from drinking water. *Cancer Epidemiology Biomarkers and Prevention*. *In Press*.

BOOKS AND MONOGRAPHS

- Wegman DH, Christiani DC, Levenstein CL, Quinn MM, Gu XQ, Xue SZ, Lu PL, Liang YX (Guest Editors). Supplement on Occupational Health Research in China. *Scandinavian Work, Environment and Health* 1985; 11:supplement 4.
- LaMontagne AD, Kelsey KT, Christiani DC, Plantamura D. *Ethylene Oxide Health and Safety Manual*. Massachusetts Respiratory Hospital, 1990.
- Smith CM, Christiani DC, Kelsey KT (editors). *Chemical Risk Assessment and Occupational Health*. Greenwood Publishers, 1994.
- Monson RR and Christiani DC (eds). Occupational and environmental cancer: Harvard-Teikyo Program Special Issue. *Cancer Causes and Control* 1997; 8(3).

CHAPTERS, REVIEWS, EDITORIALS, LETTERS

- Christiani DC. Industrial Exposure to Vinyl Chloride. *New England Journal of Medicine* (letter) 1976; 295:233.
- Christiani DC. Neglect of Occupational Disease. *Annals of Internal Medicine* (letter) 1976; 85:542.
- Christiani DC. Control of Cotton-Dust Exposure. *Journal American Medical Association* (letter) 1983; 249-255.
- Eisen EA, Oliver LC, Christiani DC, Robins JM and Wegman DH. Response to W.K.C. Morgan on the Effect of Spirometry Standards on Two Occupational Cohorts, (letter). *American Review of Respiratory Disease* 1985; 132:1371-1372.
- Frumkin H, Egilman D, Kelly M, Christiani DC, et al. Response to a Physician's Guide to Asbestos-Related Diseases. *Journal American Medical Association* (letter) 1985; 254:1308.
- Kelsey KT and Christiani DC. "Evaluation for Compensation of Asbestos-Exposed Individuals" is Flawed. (letter) *Journal of Occupational Medicine* 1985; 27:790.
- Christiani DC. Modernization and Occupational Cancer. *J Occup Med* 1987; 30:966-968, (Editorial).
- Wegman DH and Christiani DC. Recent Developments in the Study of Occupational Lung Disease published in *Updates in Occupational Medicine*, Public Health Press, Beijing, 1987.

- Christiani DC and Gu XQ. Occupational Health in Developing Countries: China. Chapter in Levy BH and Wegman DH (editors), Occupational Health: Recognizing and Preventing Work-Related Disease, second edition, Little, Brown Co., 1988.
- Wegman DH and Christiani DC. Occupational Respiratory Disease; Chapter in Occupational Health: Preventing Work-Related Disease, by Levy BH and Wegman DH, second edition, 1988.
- Christiani DC. Asbestosis. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington, DC 1991; 122-126.
- Christiani DC. Occupational Asthma. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 139-148.
- Christiani DC. Chronic Bronchitis. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 167-171.
- Christiani DC. Emphysema. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 232-235.
- Christiani DC. Hypersensitivity Pneumonitis. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 328-336.
- Christiani DC. Metal Fume Fever. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 422-425.
- Christiani DC. Organic Dust Toxic Syndrome. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 439-441.
- Christiani DC. Pleural Disorders. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 485-489.
- Kreiss K and Christiani DC. Beryllium Disease. Chapter in Preventing Occupational Disease and Injury, American Public Health Association Press, Washington DC 1991; 155-161.
- Kern DG, Christiani DC, Kelsey KT, Hu H, et al. Asbestos-Related Diseases (letter). New England Journal of Medicine 1991; 324:195-196.
- Christiani DC. International Research Strategies to Improve Occupational Health Conditions in the Third World. In Reich MR and Okubo T. Workers and Health in the Third World: National and International Strategies, Auburn House, 1992.
- Christiani DC. Urban and Transboundary Air Pollution: Human Health Consequences. Chapter in Critical Condition: Human Health and the Environment, MIT Press, 1993.
- Burrell JW and Christiani DC. Occupational Health. Chapter in Primary Care and General Medicine, J. Noble (editor), St. Louis, Mosby, 1996.
- Christiani DC. Organic dust exposure and chronic airflow obstruction. Am Jour Resp Crit Care Med 1996; 154:833-835.
- Christiani DC. Utilization of biomarker data for clinical and environmental intervention. Environmental Health Perspectives 1996; 104(5):921-925.
- Glencross PM and Christiani DC. Health hazards of hazard abatement workers: Asbestos and lead. New Solutions 1996; 6:23-35
- Christiani DC. Occupational respiratory disorders and occupational cancers. Continuous Medical Education Journal, Medical Association of South Africa 1996; 14:1338-1344.

- Barbeau E, Christiani D, Emmons K, Levenstein C, Rosen J, Sorensen G, Spinney R, Youngstrom R. Finding common ground: how public health can work with organized labor to protect workers from environmental tobacco smoke. J of Pub Health Policy 1997; 18(4):453-464.
- Christiani DC and Monson RR. Cancer in relation to occupational exposures. Cancer Causes and Control 1997; 8:269-270.
- Kreps SE, Banzet N, Christiani DC, Polla B. Molecular biomarkers of early responses to environmental stressors: implications for risk assessment and public health. Reviews on Environmental Health 1997; 12:261-280.
- Monson RR and Christiani DC. Summary of the evidence: Occupation and environment and cancer. Cancer Causes and Control 1997; 8:529-531.
- Christiani DC. Occupational Lung Cancer. In: *Occupational Lung Diseases*, DE Banks and JE Parker Eds. Chapman and Hiell, 1998, pp. 485-498.
- Schenker M, Christiani DC, Husman K, Kennedy S, et al. Respiratory health hazards in agriculture. Am J Resp Crit Care Med (Supplement) 1998; 158: (5) Part 2.
- Christiani DC and Gong MN. Occupational lung cancer. In: *Occupational Disorders of the Lung*, DJ Hendrick, PS Burge, WS Beckett, A Churg, Eds. 1999.
- Moy E, Hu H, Christiani DC. A retired shipyard worker with rapidly progressing interstitial fibrosis. Environ Health Perspect 1999; 107:321-327.
- Perry MJ, Christiani DC. Herbicide and insecticide exposures among dairy farm pesticide applicators [letter]. Am J Public Health 1999; 89:1118-1119.
- Christiani DC. Smoking and the molecular epidemiology of lung cancer. Clin Chest Med 2000; 21:87-93.
- Christiani DC and Monson RR. Occupation. In: *Cancer Prevention: The Causes and Prevention of Cancer*, Colditz GA and Hunter D, Eds. Kluwer Academic Publications, 2000; pp. 49-56.
- La Montagne AD and Christiani DC. Prevention of work-related cancers. In: *Cancer Causes and Prevention of Cancer*, Colditz GA and Hunter D, Eds. Kluwer Academic Publications, 2000; pp. 281-300.
- Moy EV and Christiani DC. Environmental exposures and cancer. In: *Women and Health*, M Goldman and M Hatch (eds), Academic Press, San Diego, 2000; 634-648 .
- Burress J and Christiani DC. Occupational health and disability issues. In: Noble J (ed), Primary Care Medicine, Third Edition, Mosby, Philadelphia, 2001.
- Christiani DC, Tan X, Wang XR. Occupational Health in China. Occup Med 2002; 17(3):355-370, iii.
- Gong MN and Christiani DC. Lung Cancer. In: *Occupational Disorders of the Lung*, Hendrick, Burge, Beckett, Churg (eds), WB Saunders 2002; 305-327.
- Sama S, Christiani DC, Milton DK. Occupational Asthma. In: *Immunology and Allergy, Clinics of North America*, Finn PF (ed); WB Saunders 2002; 22:791-807.
- Facchini LA, Fassa AG, Dall'Agnol MM, Maia MDF, Christiani DC. Individuals at risk: the case of child labor. In: *Global Inequalities at work*, Heymann JO (ed), Oxford 2003.
- Christiani DC, Wang WR. Impact of chemical and physical exposures on workers' health. In: Global Inequalities at Work: Work's Impact on the Health of Individuals, Families, and Societies. Heymann J, Ed. Oxford University Press, 2003. Pages 15-30.

- Wang XR and Christiani DC. Respiratory Effects of Exposure to Cotton Dust. In: *Current Opinion Pulmonary Medicine* 2003; 9)151-155.
- Christiani DC, Zhou W. Hormesis: the new approach in risk assessment? *Hum Exp Toxicol* 2004; 21(7):399-400.
- Kales SN and Christiani DC. Acute chemical emergencies. *New England Journal of Medicine* 2004; 350(8):800-808.
- Lange JH, Mastrangelo G, Fedeli U, Rylander R, Christiani DC. A benefit of reducing lung cancer incidence in women occupationally exposed to cotton textile dust. *Am J Ind Med* 2004; 45(4):388-389.
- Toraason M, Albertini R, Bayard S, Bigbee W, Blair A, Boffetta P, Bonassi S, Chanock S, Christiani D, Eastmond D, Hanash S, Henry C, Kadlubar F, Mirer F, Nebert D, Rapport S, Rest K, Rothman N, Ruder A, Savage R, Schulte P, Siemiatycki J, Shields P, Smith M, Tolbert P, Vermeulen R, Vineis P, Wacholder S, Ward E, Waters M, Weston A. Applying new biotechnologies to the study of occupational cancer—a workshop summary. *Environmental Health Perspectives* 2004; 112(4):413-418.
- Vineis P and Christiani DC. Genetic Testing for Sale. *Epidemiology* 2004; 15(1):3-5.
- Wu X, Zhao H, Suk R, Christiani DC. Genetic susceptibility to tobacco-related cancer. *Oncogene* 2004; 23(38):6500-6523.
- Zellos L, Christiani DC. Epidemiology, biologic behavior, and natural history of mesothelioma. *Thorac Surg Clin* 2004; 14(4):469-477.
- Christiani DC. Asbestosis. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC, and Weeks, JL. Asbestos related diseases. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Asthma. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Chronic Bronchitis. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Byssinosis. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Emphysema. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Metal Fever. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Organic Dust Toxic Syndrome. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Pleural Diseases. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Radioactive Airways Dysfunction. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- Christiani DC. Synthetic Vitreous Fiber (SVF) related diseases. In: Levy BS, Wagner GR, Rest KM, Weeks JL (Eds.). *Preventing Occupational Disease Injury*. American Public Health Association, 2005.
- AU W, Lee E, Christiani DC. Biomarker research in occupational health. *J Occup Environ Med*. 2005 Feb;47(2):145-153.

Christiani DC. Occupation and COPD. Occup Environ Med. 2005 Apr;62(4):215.

Liu G, Zhou W, Christiani DC. Molecular epidemiology of non-small cell lung cancer. In: Semin Respir Crit Care Med. 2005 Jun;26(3):265-272.

Christiani DC. Occupational Lung Diseases. Merck Manual of Medical Information. Home Edition, Second Edition, 2005

Christiani DC. Genetic susceptibility to lung cancer. J Clin Oncol. 2006 Apr 10;24(11):1651-2.

Suk R and Christiani DC. Genetics of Lung Cancer. In: Respiratory Genetics, Silverman E and Weiss ST, Eds. Hodder Arnold Sciences 2004 (*In press*).

Gong MN and Christiani DC. Approaches to the Genetic Epidemiology of Acute Lung Injury. In: Acute Respiratory Distress Syndrome, Matthay M (ed), Dekker 2005 (*In press*).

PUBLISHED ABSTRACTS

Christiani DC. "Occupational Disease in the People's Republic of China". American Public Health Association, Montreal, Canada, 1982.

Christiani DC. "Occupational Disease in South Africa". American Public Health Association, Anaheim, California, 1984.

Kennedy S, Christiani DC, Greaves IA, Eisen EA, Wegman DH. Cotton dust and endotoxin exposure and pulmonary abnormalities in Chinese cotton workers. Fifth International Symposium in Epidemiology in Occupational Health, Los Angeles, California, September, 1986.

Christiani DC, Eisen EA, Wegman DH, Shen YE, Lu PL. Epidemiologic survey of respiratory disease among rice grain workers. Am Rev Respir Dis 1987; 135:A341.

Christiani DC, Eisen EA, Wegman DH, Shen YE, Lu PL. Respiratory disease among grain and feed handlers in The People's Republic of China. Amer Rev Respir Dis 1987; 235:A381.

Christiani DC. "Methodologic Issues in Collaborative Occupational Health Research with Developing Countries". American Public Health Association, Boston MA, 1988.

Christiani DC and Greene R. Asbestos Disease in Commercial Roofers: Radiologic Signs. Seventh International Conference in Pneumoconioses, Pittsburgh PA, 1988.

Christiani DC, Wegman DH, Eisen EA, Ye TT, Lu PL. Cotton Dust Exposure and Longitudinal Change in Lung Function. Amer Rev Respir Dis 1990; 141:A589.

Enarson DA, Christiani DC, Ernst P, Kennedy S, Mokuetle K, Mori T, Paoletti P, Viegi G. The Prevalence of Chronic Bronchitis: An International Comparison. Amer Rev Respir Dis 1990; 141:A327.

Christiani DC and Kern DG. Increased Prevalence of Asthma in Respiratory Therapists. Amer Rev Respir Dis 1991; 143:A441.

Closas MG and Christiani DC. Asbestos-related lung disease in construction carpenters. Proceedings of the International Society of Occupational and Environmental Health Meeting, Cincinnati, Ohio, September, 1992.

Hauser R, Kelsey KT, Closas MG, Christiani DC. Intraindividual variability of nasal lavage PMN counts in unexposed subjects: its potential utility for epidemiology. Amer Rev Respir Dis 1992; 145:A536.

LaMontagne A, Kelsey KT, Plantamura D, Christiani DC. Ethylene oxide: Participatory approaches to training and education on a workplace hazard and environmental pollutant. The National Minority Health Conference, 1992, ATSDR, Princeton Scientific Publishing Co., New Jersey, pp. 91-99.

- Marchesseault L, Kelsey KT, Christiani DC, Paulauskis JD. PCR detection of cytokine mRNAs in nasal and bronchoalveolar lavage cells as early biomarkers of lung inflammation. Amer Rev Respir Dis 1992; 145:A237.
- Smith CM, Christiani DC, Kelsey KT. Glutathione-S-transferase mu phenotype and genotype in individuals with asbestos-related lung disease. Proceedings of the International Society of Occupational and Environmental Health Meeting, Cincinnati, Ohio, September 1992.
- Beckett WG, Pope CA, Xu XP, Christiani DC, Ding M, Li B. Occupationally related respiratory symptoms in 973 non-smoking women employed in cotton-textile manufacturing. Am Rev Respir Dis 1993; 147:A528.
- Garcia-Closas M, Hauser R, Kelsey KT, Christiani DC. Nasal inflammatory pattern detected with a nasal lavage in asbestos-exposed subjects. Am Rev Respir Dis 1993; 147:A909.
- Hayes GB and Christiani DC. Does cotton dust exposure cause small airways disease? Am Rev Respir Dis 1993; 147:A527.
- Sheils CA, Christiani DC, Finn PW. Analyses of the expression of the low affinity receptor for IgE (CD23 Fcε RII) in atopic asthmatics. Am Rev Respir Dis 1993; 147:A550.
- Xu XP, Dockery D, Christiani DC, Li B, Huang H. Air pollution and daily hospital outpatient visits in Beijing. Am Rev Respir Dis 1993; 147:A636.
- Christiani DC, Wain JC, Kazemi H, Wiencke JK, Kelsey KT. Lung cancer risk and polymorphisms of the CYP 2D6, CYP 1A1 and GSTM-1 genes. Cancer Research, 1994.
- Hauser R, Ryan PB, Kelsey KT, Christiani DC. Respiratory health effects of exposure to bottom ash in workers overhauling an oil-fueled boiler. Am Rev Respir Dis, 1994.
- Harris S, Smith T, Intrepido A, Christiani DC. A new system for estimation of inhaled exposure for welders: The exposure respiration monitoring system. Am Rev Respir Dis, 1994.
- Hatch V, Hauser R, Hayes GB, Christiani DC, Godleski JJ. Detection of ultrafine particles in the lung macrophages of healthy people. Proc of 52nd MSA, 1994.
- Hayes G, Hauser R, Christiani DC. Nasal and bronchoalveolar lavage polymorphonuclear counts as indicators of inflammatory response in welders. Am Rev Respir Dis, 1994.
- Sama SR, Kriebel D, Woskie SR, Eisen EA, Virji MA, Hammond K, Christiani DC, Milton DK. Machining fluid exposure and short-term respiratory responses among automotive workers. Tenth International Symposium on Epidemiology in Occupational Health, Como, Italy, 1994.
- Wang X, Miller E, Christiani DC, Wain JC, Cheng TJ, Mark E, Wiencke JK, Kelsey KT. The mutational spectra of p53 in human lung cancer. Cancer Research, 1994.
- Cheng TJ, Christiani DC, Xu XP, Wain JC, Wiencke JK, Kelsey KT. GSTM-1 genotype, diet, and presence of lung cancer as determinants of sister chromatid exchanges and micronuclei in lymphocytes. Cancer Research, 1995.
- Garcia-Closas M, Kelsey KT, Wiencke JK, Christiani DC. Nutrient intake as a modifier of the association between lung cancer and GSTM-1 deletion. Cancer Research, 1995.
- Godleski JJ, Hatch V, Hauser R, Christiani DC, Gazula G, Sioutas C. Ultrafine particles in lung macrophages of wealthy people. Am J Resp Crit Care Med 1995; A264.
- Harris SE, Intrepido A, Smith TJ, Christiani DC. Delayed ventilatory function changes from metal arc welding exposure. Am J Resp Crit Care Med 1995; A421.

- Hauser R, Elreedy S, Hoppin JA, Christiani DC. Airway responsiveness and occupational exposure to fuel-oil ash. Am J Resp Crit Care Med 1995; A712.
- Lara-Marquez M, Krinzman S, Deykin A, Israel E, Christiani DC, Perkins DL, Finn PW. Aerolized challenge with *Fel d1* allergen in cut allergic asthmatic patients: differential expression of CD23 on B cells and monocytes. Am J Resp Crit Care Med 1995; A138.
- Lara-Marquez M, Moan MJ, Cartwright C, Drazen JM, Perkins DL, Christiani DC, Finn PW. Memory T helper cells are activated in asthmatic patients with acute exacerbation. Am J Resp Crit Care Med 1995; A778.
- Wang X, Christiani DC, Wiencke JK, Fischbein M, Xu XP, Cheng TJ, Mark E, Wain JC, Kelsey KT. Mutations in the p53 gene are associated with cigarette smoking and asbestos exposure. Cancer Research, 1995.
- Wiencke JK, Varkonyi A, Semey K, Kelsey KT, Wain JC, Mark E, Christiani DC. Validation of blood mononuclear cell DNA-adducts as a marker of DNA damage in human lung. Cancer Research, 1995.
- Wiencke JK, Varkonyi A, Semey K, Levay G, Wain JC, Mark E, Kelsey KT, Christiani DC. Detection of benzene-associated DNA adducts in human tissues and evidence of co-activation with polyaromatic hydrocarbons (PAH). Cancer Research, 1995.
- Xu XP, Cui SG, Yiu LY, Huang YM, Wang LH, Christiani DC. Occupational exposure to chemicals during pregnancy and offspring respiratory health. Am J Crit Care Med 1995; A258.
- Cernadas M, DeSanctis GT, Krinzman SJ, Hikutani H, Christiani DC, Perkins DL, Finn PW. Anti-CD23 inhibits airway reactivity and augments lymphocyte activation in a murine asthma model. Am J Resp Crit Care Med 1996; 153:A767.
- Garcia-Closas M, Kelsey KT, Wiencke JK, Christiani DC. Lung cancer susceptibility and glutathione-S-transferase mu: deletion. Am Assoc Cancer Res 1996; 37:260.
- Hauser R, Dukalakis C, Christiani DC. A regression approach to the analysis of serial peak expiratory flow-rate measurements among workers exposed to fuel-oil ash. Am Jour Crit Care Med 1996; 153:A476.
- Hauser R, Godleski JJ, Hatch V, Christiani DC. Ultrafine particles in human lung macrophages and their relationship to lung function. Am Jour Crit Care Med 1996; 153:A544.
- Krinzman S, DeSanctis GT, Cernadas M, Mark DA, Christiani DC, Linsley P, Kobzick L, Perkins DL, Finn PW. Inhibition of T cell costimulation prevents airway hyperresponsiveness in a murine model of asthma. Am Jour Resp Crit Care Med 1996; 153:A140.
- Wang X, Christiani DC, Wiencke JK, Nelson HH, Mark E, Wain JC, Kelsey KT. Polymorphisms in carcinogen activating genes are associated with the absence of mutations in the p53 gene in lung cancer. Proc Amer Assoc Cancer Res 1996; 37:262.
- Wang X, Christiani DC, Wiencke JK, Wain JC, Mark E, Kelsey KT. p53 mutational status in lung cancer patients with multiple primary tumors. Proc Amer Assoc Cancer Res 1996; 37:572.
- Woodin MA, Hauser R, Siegel PD, Tollerud DJ, Lewis DM, Liu Youcheng, Smith TJ, Christiani DC. Nasal lavage inflammatory mediators as biomarkers of upper airway exposure to fuel-oil ash. Am Jour Resp Crit Care Med 1996; 153:A475.
- Xu XP, Kelsey KT, Wiencke JK, Wain JC, Christiani DC. Cytochrome P450 CYP1A1 polymorphism and lung cancer susceptibility. Proc Am Assoc Cancer Res 1996; 37:260.
- Donovan CE, Mark DA, Nass RK, Shen MF, Krinzman SJ, Kobzick L, Drazen JM, Christiani DC, Perkins DL, Finn PW. Blockade of B7 costimulatory molecules inhibits airway hyperresponsiveness in a murine model. Am Jour Respir Crit Care Med 1997; 155:A541.

- Garcia-Closas M, Caporaso N, Kelsey KT, Christiani DC. Association between *CYP1A1 MspI* polymorphism and smoking in a control population: implications for the study of genetic effects on cancer risk. Proceedings Am Assoc Cancer Res 1997; 38:211.
- Kodavanti UP, Dreher KL, Hauser R, Christiani DC, Costa DC. Pulmonary toxicity studies with oil fly-ash in the rat: The role of bioavailable metal constituents. International Inhalation Symposium on the Relationship between Respiratory Disease and Exposure to Air Pollution. Hanover, Germany, 1997.
- Lee B, Kelsey K, Hashimoto D, Yakes B, Seitz T, Christiani DC. Prevalence of pulmonary and upper-respiratory mucous-membrane symptoms among newspaper pressroom workers. Am Jour Respir Crit Care Med 1997; 155:A811.
- Meng ZH, Costa DL, Hauser R, Christiani DC, Richards J, Crissman K, Kodavanti U. Lung injury, leachable metals, and oxidation potential of fly ash. Am Jour Respir Crit Care Med 1997; 155:A244.
- Nelson HH, Gunn L, Zuo ZF, Christiani DC, Kelsey KT. Absence of point mutations within the coding region of the *FHIT* gene in NSCLG tumors. Proceedings Am Assoc Cancer Res 1997; 38:275.
- Wang X, Mark E, Wain J, Christiani DC, Kelsey KT. p53 mutation in mixed cell type lung cancers. Proceedings Am Assoc Cancer Res 1997; 38:450.
- Woodin MA, Hauser R, Liu YC, Smith TJ, Christiani DC. Respiratory symptom incidence in workers overhauling an oil-fired boiler. Am Jour Respir Crit Care Med 1997; 155:A811.
- Wu MT, Huang SL, Ho CK, Mao IF, Chen ML, Yeh YF, Christiani DC. Cytochrome *p450 CYP1A1 MspI* polymorphism and urinary 1-hydroxypyrene concentration in coking workers. Am Assoc Cancer Res 1998; 39:182.
- Kodavanti U, Jackson M, Harewood A, Christiani D, Gardner S, Watkinson J, Richards J, Costa D. Kinetic relationships between pulmonary injury and systemic alterations caused by fuel-oil ash particles in normo- and hypertensive rats. Seventh Annual Inhalation Symposium, Hanover, Germany, 1998.
- Lee B, Wain JC, Kelsey KT, Wiencke JW, Christiani DC. Association of smoking and asbestos exposure with location and histology of lung cancer. Am J Resp Crit Care Med 1998.
- Nelson HH, Christiani DC, Wiencke JK, Wain JC, Mark E, Kelsey KT. *k-ras* codon 12 mutations are associated with lymph node metastasis in lung cancer. Am Assoc Cancer Res 1998; 39:410.
- Wang X, Mark EJ, Christiani DC, Nelson HH, Wiencke JK, Gunn L, Wain JC, Kelsey KT. p53 mutational analysis indicating that small-cell and non-small cell carcinoma of the lung have a common histogenesis. Am Assoc Cancer Res 1998; 39:411.
- Wiencke J, Nelson H, Wain J, Mark E, Christiani DC, Kelsey KT. Association of increased PAH DNA-adducts and p53 mutations in lung cancer. Am Assoc Cancer Res 1998; 39:562.
- Woodin MA, Hauser R, Liu YC, Smith T, Christiani DC. Respiratory symptom frequency and severity in workers overhauling an oil-fired boiler. Am J Resp Crit Care Med 1998.
- Chen KLB, Guo YL, Su HJ, Lee JY, Chao SC, Christiani DC. Arsenic exposure, solar radiation, and risk of skin cancer. Epidemiology 1999; 10:S35.
- Chong I-W, Shi MM, Love JA, Christiani DC, Paulauskis JD. Regulation of chemokine mRNA expression in vanadium-induced lung inflammation. Am J Resp Crit Care Med 1999; 159:A511.
- Fan R, Wu MT, Wain JC, Kelsey KT, Wiencke JK, Christiani DC. P53 codon 72 polymorphism and lung cancer. Proceedings of the American Association for Cancer Research 1999; 40:248.

- Guo YL, Su HJ, Chen KLB, Christiani DC. Exposure to arsenic is associated with hospital controls of bladder cancer but not community controls. Epidemiology 10:S35, 1999.
- Harewood A, Jackson MC, Ledbetter A, Evansky P, Costa DL, Hauser R, Christiani DC, Kodavanti UP. Pulmonary injury and inflammation caused by fuel-oil ash particle exposure in two rat strains with pre-existent COPD. Am J Resp Crit Care Med 1999; 159:A29.
- Kales SN, Pinzon de Botero A, Polyhronopoulos GN, Aldrich JM, Dimitriadis EA, Christiani DC. Epidemiology 1999; 10:S35.
- Ku C-H, Burge HA, Ryan LM, Pai L, Liou S-H, Christiani DC. Rice-field fungal exposures in young male workers: short-term exposure assessment for fungi. Am J Resp Crit Care Med 1999; 159:A298.
- Moy EV, Wyatt MD, Memisoglu A, Samson LD, Christiani DC. A pilot study of human DNA repair. Proceedings of the American Association for Cancer Research 1999; 40:245.
- Nelson HH, Christiani DC, Wiencke JK, Wain J, Mark E, Gunn L, Kelsey KT. *CYP1A1* genotype and somatic mutation in a Caucasian lung cancer population. Proceedings of the American Association for Cancer Research 1999; 40:187.
- Nelson HH, Christiani DC, Wiencke JK, Wain J, Mark E, Kelsey KT. *K-ras* mutation and female gender in non-small cell lung cancer. Proceedings of the American Association for Cancer Research 1999; 40:202.
- Shaeffner E, Miller DP, Wain JC, Kelsey KT, Wiencke JK, Christiani DC. Use of an asbestos exposure score and the presence of pleural and parenchymal abnormalities in lung cancer cases. Am J Resp Crit Care Med 1999; 159:A622.
- Woodin MA, Liu YC, Neuberg D, Hauser R, Smith TJ, Christiani DC. Acute respiratory symptoms in workers exposed to fuel-oil ash. Am J Resp Crit Care Med 1999; 159:A235.
- Wu MT, Demple B, Bennet RAB, Christiani DC, Rong F, Hu H. Zinc-Dependent Induction of Metallothionein-II_A mRNA in HELA Cells: A Search for Functional Promoter Polymorphisms in Humans. Epidemiology 1999; 10:S35.
- Wu MT, Pan BJ, Ho CK, Lin SF, Kao CY, Chang TT, Wong YC, Hsien KS, Huang CB, Liu CL, Wang YC, Christiani DC. Petrochemical exposure and leukemia – a preliminary study. Epidemiology 1999; 10:S35.
- Wu MT, Pan BJ, Ho CK, Lo YK, Ho CJ, Chee CY, Chen HJ, Liu CL, Wang YC, Christiani DC. Petrochemical exposure and brain neoplasms in young people – A preliminary Study. Proceedings of the American Association for Cancer Research 1999; 40:54.
- Chen Y-CK, Amarasiriwardena CJ, Lupoli L, Christiani DC. Speciation of arsenic species in urine by using HPLC-ICP-MS, stability and transformation of arsenic species. Fourth International Conference on Arsenic Exposure and Health Effects, San Diego, CA. June 2000; 72.
- Chen K-LB, Gertig DM, Ryan LM, Willett WC, Christiani DC, Hunter DJ. Toenail arsenic levels and squamous cell carcinoma of the skin. Fourth International Conference on Arsenic Exposure and Health Effects, San Diego CA. June 2000; 70.
- Duell EJ, Wiencke JK, Cheng TJ, Varkonyi A, Zuo ZF, Ashok TDS, Mark EJ, Wain JC, Christiani DC, Kelsey KT. Polymorphisms in the DNA repair genes *XRCC1* and *ERCC2* and biomarkers of DNA damage. Proceedings of the American Association for Cancer Research 2000; 41:320.
- Fan R, Miller DP, Xu L, Wu MT, Su L, Wain JC, Kelsey KT, Wiencke JK, Christiani DC. The association of the combined genotypes of *p53*, *CYP1A1*, *GSTM1*, *GSTT1* with lung cancer risk. Proceedings of the American Association for Cancer Research 2000; 41:321.

- Hauser R, Murphy KGG, Paulauskis J, Rice T, Burge H, Lewis D, Siegel P, Christiani DC. Do combustion particles enhance the allergic response? A pilot study on the feasibility of conducting human experimental exposure studies. Am J Crit Care Med 2000; 161:A617.
- Hirao T, Nelson HH, Ashok TDS, Wiencke JK, Zuo ZF, Gun L, Wain JC, Mark EW, Christiani DC, Kelsey KT. Early smoking and increased DNA adduct burden predict LOH at 3P21 in NSCLC. Proceedings of the American Association for Cancer Research 2000; 41:321.
- Huang CI-Y, Wei JY, Locicero J, Mark EJ, Christiani DC. Anti-BCL-2 antibody immuno-reactive molecules in lung cancer: the need to re-examine immunohistochemical data and the role of different anti-BCL-2 reactive molecular species. Proceedings of the American Association for Cancer Research 2000; 41:599.
- Kim D-H, Christiani DC, Wiencke JK, Nelson HH, Mark EW, Wain JC, Kelsey KT. Promoter methylation of P16^{INK4A} may play a role in the development of squamous-cell lung cancer in cigarette smokers. Proceedings of the American Association for Cancer Research 2000; 41:496.
- Kodavanti UP, Schladweiler MCJ, Ledbetter AD, Nadadur SN, Hauser R, Christiani DC, Watkinson WP, Richards JH, Costa DL. Pulmonary responses in a rat cardiovascular disease (CVD) model after acute and longer-term exposures to compositionally different emission particles. Am J Crit Care Med 2000; 161:A912.
- Magari SR, Woodin M, Hauser R, Smith TJ, Schwartz J, Williams P, Christiani DC. Cardiovascular effects of exposure to fuel-oil ash and metal fume: a preliminary assessment. Am J Crit Care Med 2000; 161:A25.
- Miller DP, Wain JC, Kelsey KT, Christiani DC. A positive association between *GSTP1* polymorphism and early age onset lung carcinoma. Proceedings of the American Association for Cancer Research 2000; 41:321.
- Nelson HH, Hirao T, Aldape K, Wiencke JK, Wain JC, Mark EW, Christiani DC, Kelsey KT. Chromosome 3P21 loss and abnormal p53 staining in non-small cell lung cancer. Proceedings of the American Association for Cancer Research 2000; 41:515.
- Wang XR, Yano E, Christiani DC. Functional deficits in long-term asbestos workers. Am J Crit Care Med 2000; 161:A50.
- Woodin MA, Liu Y, Hauser R, Smith TJ, Christiani DC. Pulmonary function in workers exposed to low levels of fuel-oil ash. Am J Crit Care Med 2000; 161:A167.
- Xu, L, Kim D-H, Wain JC, Miller DP, Kelsey KT, Wiencke JK, Su L, Christiani DC. Association of the NAD(P)H: quinone oxidoreductase polymorphism with lung cancer susceptibility. Proceedings of the American Association for Cancer Research 2000; 41:597.
- Christiani DC, Gong MN, Xu LL, Miller DP, Paulauskis J, Thompson BT. Polymorphisms in the *SP-B* gene, gender and risk of ARDS. Abstracts of the American Thoracic Society International Conference 2001.
- Christiani DC, Wang XR, Pan LD, Zhang HX, Sun BX, Dai HL, Eisen EA, Wegman DH, Olenchock SA. Respiratory health in newly-hired cotton textile workers. Abstracts of the American Thoracic Society International Conference.
- Fan R, Miller DP, Liu G, Thurston SW, Xu LL, Su L, Lynch TJ, Wain JC, Christiani DC. Differential effects of the codon 72 *p53* polymorphism on the risk of adenocarcinoma versus squamous-cell carcinoma of the lung. Proceedings of the American Association for Cancer Research 2001; 43:194.
- Huang CI, LoCicero J, Wei JY, Christiani DC. Prognostic value of anti-Bcl-2 antibody reactive proteins in human non-small cell lung cancer. Proceedings of the American Association for Cancer Research 2001; 2669.
- Kim JY, Magari SR, Christiani DC. Exhaled nitric oxide measurements in workers exposed to fuel-oil ash. Abstracts of the American Thoracic Society International Conference.
- Ku CH, Ryan L, Burge H, Christiani DC. Upper respiratory responses to fungal exposures. Abstracts of the American Thoracic Society International Conference.

- Liu G, Xu LL, Miller DP, Fan R, Su L, Wain JC, Lynch TJ, Christiani DC. The *GSTT1-Null* genotype is associated with a decreased susceptibility for esophageal carcinoma in a Caucasian population. Proceedings of the American Association for Cancer Research 2001; 2669.
- Miller DP, Xu LL, Fan R, Su L, Wain J, Lynch TJ, Christiani DC. Combinations of the variant genotypes of *GSTP1*, *GSTM1* and *p53* are associated with an increased lung cancer risk. Proceedings of the American Association for Cancer Research 2001; 1843.
- Mukherjee S, Rodrigues E, Magari S, Kim JY, Weker R, Christiani DC. Urinary 1-hydroxypyrene as a biomarker of exposure to airborne polycyclic aromatic hydrocarbons in boilermakers. Abstracts of the American Thoracic Society International Conference 2001.
- Pan PC, Wu MT, Chen YJ, Ho CK, Ho CJ, Chee CY, Lo YK, Chen HJ, Chang L, Christiani DC. Petrochemical exposure and brain tumor in young people: an ecologic study. Proceedings of the American Association for Cancer Research 2001; 4765.
- Wang XR, Pan LD, Zhang HX, Sun BX, Dai HL, Eisen EA, Wegman DH, Olenchock SA, Christiani DC. A longitudinal study of respiratory health of workers exposed to cotton dust. Abstracts of the American Thoracic Society International Conference 2001.
- Wu MT, Chong IW, Chang L, Ho CK, Huang JJ, Christiani DC. Genetic polymorphism in *microsomal epoxide hydrolase exon 3* and chronic obstructive pulmonary diseases. Abstracts of the American Thoracic Society International Conference 2001.
- Xu L, Miller DP, Liu G, Thurston SW, Fan R, Lynch TJ, Wain JC, Su L, Christiani DC. The variant *-G463a* polymorphism of the myeloperoxidase (*MPO*) gene does not decrease lung cancer susceptibility in a Caucasian population. Proceedings of the American Association for Cancer Research 2001; 1536.
- Zhou W, Xu L, Thurston SW, Lynch TJ, Wain JC, Su L, Christiani DC. Smoking status affects the associations among microsomal epoxide hydrolase, *GSTM1*, and N-Acetyltransferase-2 polymorphisms and lung cancer susceptibility. Proceedings of the American Association for Cancer Research 2001; 187.
- Gong MN, Thompson BT, Sai Y, Christiani DC. Genotyping of the polymorphism in *TNF-β* gene by polymerase chain reaction in patients receiving blood transfusions. Abstracts of the American Thoracic Society International Conference 2002; A810.
- Huang CI, Christiani DC. Evidence for Bcl-2 gene rearrangements in human non small cell lung cancer. Proceedings of the American Association for Cancer Research 2002; 43:222.
- Ku CH, Shieh JY, Shen CY, Christiani DC. Indoor environmental quality in a new constructed general hospital: (1) The upper respiratory symptoms. Abstracts of the American Thoracic Society International Conference 2002; A677.
- Liu G, Zhou W, Miller DP, Poneris JM, Xu LL, Su L, Puricelli W, Wain JC, Nishioka NS, Lynch TJ, Christiani DC. The *Arg399Gln XRCC1* and *GSTT1*-deletion polymorphisms and risk of esophageal adenocarcinoma and Barrett's esophagus. Proceedings of the American Association for Cancer Research 2002; 43:570.
- Liu G, Zhou W, Poneris JM, Miller DP, Xu LL, Puricelli W, Su L, Lynch TJ, Wain JC, Nishioka NX, Christiani DC. *mEH* polymorphisms and risk of different histological types of esophageal cancer and their precursor lesions. Proceedings of the American Association for Cancer Research 2002; 43:571.
- Miller DP, Neuberg D, De Vivo I, Wain JC, Lynch TJ, Su L, Christiani DC. A positive interaction between *GSTP1* polymorphisms and cumulative smoking exposure associated with lung cancer risk: Different modeling approaches. Proceedings of the American Association for Cancer Research 2002; 43:403.

- Mukherjee S, Rodrigues E, Palmer LJ, Christiani DC. Urinary metal and polycyclic aromatic hydrocarbon biomarkers in boilermakers exposed to residual oil fly ash. Abstracts of the American Thoracic Society International Conference 2002; A47.
- Shen CY, Ku CH, Shieh JY, Christiani DC. Indoor environmental quality in a new constructed general hospital: (2) Home exposures and lower respiratory tract respiratory symptoms. Abstracts of the American Thoracic Society International Conference 2002; A677.
- Su L, Xu LL, Zhou W, Miller DP, Lynch TJ, Wain JC, Liu G, Christiani DC. *p21* (codon 31) *Ser-Arg* polymorphism is associated with different risks of lung cancer in non-smokers and smokers. Proceedings of the American Association for Cancer Research 2002; 43:852.
- Su L, Sai Y, Fan R, Thurston SW, Miller DP, Xu LL, Wain JC, Lynch TJ, Liu G, Christiani DC. *p53* (codon 72) and *p21* (codon 31) polymorphisms alter *in vivo* mRNA expression of *p21*. Proceedings of the American Association for Cancer Research 2002; 43:1021.
- Zhou W, Liu G, Miller DP, Thurston SW, Xu LL, Wain JC, Lynch TJ, Su L, Christiani DC. Gene-environment interaction for the *XRCC1* and *ERCC2* polymorphisms and cumulative cigarette smoking exposure in lung cancer risk. Proceedings of the American Association for Cancer Research 2002; 43:402.
- Kodavanti UP, Moyer CF, Ledbetter AD, Schalweiler MC, Gilmour PS, Hauser R, Christiani DC, Costa DL, Nyska A. Myocardial injury from inhaled combustions particles: Is there a role for zinc? Amer. J. Resp. Crit. Care Med. 2003; A106.
- Gong MN, Thompson BT, Pothier L, Sai Y, Zhou E, Christiani DC. TNF2 Allele of the TNF-alpha gene is associated with ARDS in young patients and in pneumonia patients. Amer. J. Resp. Crit. Care Med. 2003; A162.
- Kim JY, Mukherjee S, Christiani DC. Occupational particulate exposure and urinary 8-hydroxy-2'-deoxyguanosine (8-OhdG) levels in workers exposed to residual oil fly ash. Amer. J. Resp. Crit. Care Med. 2003; A260.
- Shen CY, Ku CH, Jiang WC, Christiani DC. An application of generalized estimating equations (GEE) to access the reproducibility of spirometric measurements. Amer. J. Resp. Crit. Care Med. 2003; A497.
- Gong MN, Thompson BT, Pothier L, Christiani DC. Mortality in ARDS: Potential role of red cell transfusion. Amer. J. Resp. Crit. Care Med. 2003; A739.
- Gong MN, Thompson BT, Pothier L, Christiani DC. Predictors for the development os ARDS in at-risk individuals. Amer. J. Resp. Crit. Care Med. 2003; A739.
- Gillette MA, Mani DR, Christiani DC, Golub TR. Spirometric proteomic biomarker discovery in lung cancer. Amer. J. Resp. Crit. Care Med. 2003; A742.
- Mukherjee S, Palmer LJ, Kim JY, Christiani DC. Oxidative DNA in boilermakers exposed to residual oil fly ash and metal fume. Amer. J. Resp. Crit. Care Med. 2003; A971.
- Christiani DC, Zhou W, Xu LL, Miller DP, Park S, Wain JC, Lynch TJ, Li Su, Liu G. *MPO* and *p53* polymorphisms, Gender, and the risk of Lung Cancer. Am Assoc Cancer Res, 2003.
- Liu G, Zhou W, Wang LI, Xu LL, Miller DP, Park S, Wain JC, Lynch TJ, Su L, Christiani DC. The *MnSOD Val/Val* Genotype Enhances Lung Cancer Risk by *p53* and *XRCC1* polymorphisms. Am Assoc Cancer Res, 2003.
- Miller DP, De Vivo I, Neuberger D, Wain JC, Lynch TJ, Su L, Christiani DC. Association between self reported environmental tobacco smoke exposure and lung cancer: modification by *GSTP1* polymorphism. Am Assoc Cancer Res, 2003.

- Su L, Zhou W, Liu G, Wang LI, Miller DP, Xu LL, Park S, Wain JC, Lynch TJ, Christiani DC. *MPO* and *MnSOD* Polymorphisms, Gender, and the risk of Lung Cancer. Am Assoc Cancer Res, 2003.
- Zhou W, Liu G, Miller DP, Thurston SW, Xu LL, Wain JC, Lynch TJ, Su L, Christiani DC. Gender-Specific Interactions between the Polymorphisms of *ERCC2* and *GSTM1* in Lung Cancer Risk. Am Assoc Cancer Res, 2003.
- Boyce PD, Kim JY, Weissman DN, Christiani DC. Acute inflammatory biomarkers using exhaled breath condensates (EBC) in the occupational setting. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A459.
- Gong MN, Zhou W, Wang M, Pothier L, Thompson BT, Christiani DC. The interleukin-6 *-174G/C* polymorphism in ARDS and Sepsis. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A117.
- Gong MN, Zhou W, Wang M, Pothier L, Thompson BT, Christiani DC. The *-1082* gene promoter polymorphism in the *IL-10* gene and ARDS. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A117.
- Gong MN, Zhou W, Wang M, Pothier L, Thompson BT, Christiani DC. TGF-B1 polymorphisms are not associated with ARDS. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A117.
- Boyce PD, Gong MN, Pothier L, Thompson BT, Christiani DC. The predictive validity of the American-European Consensus Conference (AECC) criteria for ARDS. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A117.
- Ku CH, Chang YM, Chan CJ, Christiani DC. The prevalence and risk factors of occupational asthma among an aircraft industrial development company in Taiwan. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A648.
- Chen JC, Verrier RL, Stone PH, Kim JY, Rodrigues E, Christiani DC. Air pollution may change the circadian rhythm of heart rate variability. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A883.
- Chen JC, Verrier RL, Nearing BD, MacCallum G, Kim JY, Christiani DC. Personal coronary risk profiles may modify the acute heart rate variability response to air pollution. Amer. J. Resp. Crit. Care Med. 2004; 169(7): A884.
- Gurubhagavatula S, Zhou W, Su L, Liu G, Park S, Neuberg D, Wain JC, Lynch TJ, Christiani DC. *MMP-1 1G/2G* polymorphism is not a predictor for overall survival in advanced non-small cell lung cancer patients treated with platinum-based chemotherapy regimens. Proc Am Assoc Cancer Res, 2004.
- Liu G, Zhou W, Su L, Wang LI, Park S, Wang Z, Miller DP, Wain JC, Lynch TJ, Christiani DC. The combination of *MnSOD Ala16Val* and *MMP-1 1G/2G* polymorphisms and lung cancer risk. Am Assoc Cancer Res, 2004.
- Miller DP, Park S, Eitin E, Zhou W, Liu G, Wang Z, Wain JC, Lynch TJ, Su L, Christiani DC. *ERCC2 Asp312Asn* polymorphism modifies the association between second hand smoke and lung cancer risk. Proc Am Assoc Cancer Res, 2004.
- Su L, Zhou W, Liu G, Park S, Wang Z, Miller DP, Wain JC, Lynch TJ, Christiani DC. Matrix metalloproteinase-1 promoter polymorphism and lung cancer risk. Am Assoc Cancer Res, 2004.
- Thurston SW, Liu G, Miller DP, Christiani DC. Modeling cancer risk in case-control studies using a new dose metric of smoking based on a DNA-adduct model of carcinogenesis. Proc Am Assoc Cancer Res, 2004.
- Wang Z, Su L, Neuberg D, Kim JY, Chen JC, Christiani DC. Global gene expression profiling in whole blood samples from individuals exposed to complex heavy metal fumes. Proc Am Assoc Cancer Res, 2004.
- Zhou W, Liu G, Park S, Wang Z, Miller DP, Wain JC, Lynch TJ, Su L, Christiani DC. Gene-environment interaction for the *ERCC1* polymorphism and cumulative cigarette smoking exposure in lung cancer. Am Assoc Cancer Res, 2004.
- Liu G, Marshall A, Zhou W, Park S, Suk R, Lynch TJ, Wain JC, Su L, Neuberg D, Christiani DC. (MMP-1 polymorphism predicts time-to-progression in bronchioloalveolar carcinoma. Am Assoc Cancer Res, 2005.

- Liu G, Gurubhagavatula S, Zhou W, Wang Z, Suk R, Park S, Su L, Lynch T, Neuberg D, Christiani DC. Epidermal growth factor receptor intron 1 polymorphism and disease progression in gefitinib-treated lung cancer patients. Am Assoc Cancer Res, 2005.
- Miller DP, Park S, Gitin E, Zhou W, Liu G, Wain JC, Lynch TJ, Christiani DC. DNA repair polymorphisms, second hand smoke and lung cancer risk. Am Assoc Cancer Res, 2005.
- Park S, Miller DP, Gitin E, Zhou W, Liu G, Wain JC, Lynch TJ, Christiani DC. A new metric for second hand smoke and its association with lung cancer risk. Am Assoc Cancer Res, 2005.
- Su L, Zhou W, Park S, Wain JC, Lynch TJ, Liu G, Christiani DC. Polymorphisms of DNA repair gene XRCC1, hOGG1, APE1 and the risk of lung cancer. Am Assoc Cancer Res, 2005.
- Suk R, Park S, Liu G, Cogan-Drew T, Zhou W, Su L, Wain JC, Lynch TJ, Christiani DC. (2625) p53 and overall survival in early stage non-small cell lung cancer. Am Assoc Cancer Res, 2005.
- Yu CL, Wang SF, Wu MT, Pan BJ, Ho CK, Smith TJ, Li Y, Pothier L, Christiani DC. Residential exposure to petrochemicals and risk of leukemia: Using GIS tools to estimate individual residential exposure levels. Am Assoc Cancer Res, 2005.
- Zhou W, Park S, Liu G, Miller DP, Wang LI, Pothier L, Wain JC, Lynch TJ, Giovannucci E, Christiani DC. Dietary iron, zinc, calcium and the risk of lung cancer, a case-control study. Am Assoc Cancer Res, 2005.
- Zhou W, Suk R, Liu G, Park S, Neuberg D, Wain JC, Lynch TJ, Giovannucci E, Christiani DC. Vitamin D predicts overall survival in early stage non-small cell lung cancer patients. Am Assoc Cancer Res, 2005.

Revised August 2006