

# KENNETH A MUNDT

## Principal

Dr. Kenneth Mundt is Health Sciences Practice Network Leader. He brings 30 years of experience in applying epidemiological concepts and methods to understand human health risks from environmental, occupational and consumer product exposures. He has designed, conducted and published numerous epidemiological studies, critical reviews and syntheses of the published literature, quantitative exposure reconstructions; and health risk assessments. Risk factors considered include chemicals, metals, minerals, air pollutants, tobacco products, pharmaceutical agents, food contaminants, manufactured nanomaterials and wind turbine emissions, and health outcomes such as cancers, reproductive effects, cardiovascular and respiratory diseases, and musculoskeletal injuries.

Dr. Mundt specializes in the pragmatic interpretation of epidemiological evidence in evaluating disease causation and supporting science-based regulation and decision-making. Previously, Dr. Mundt served 11 years on the Graduate Faculty of the School of Public Health and Health Sciences, University of Massachusetts at Amherst, where he is Adjunct Associate Professor and a member of the Dean's Board of Advisors. He received his PhD in Epidemiology at the University of North Carolina at Chapel Hill, where he is Adjunct Professor of Epidemiology. In 2016 he was appointed Adjunct Professor of Environmental Health at the University of South Carolina, Columbia, SC. Dr. Mundt serves as an editor for two scientific journals, and is a Fellow in the American College of Epidemiology.



## CONTACT INFORMATION

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## CAREER

2003-2014

### Principal, ENVIRON International Corporation

Served as the Health Sciences Global Practice Area Leader and Director of Applied Epidemiology.

1991-2003

### President and Founder, Applied Epidemiology, Inc.

Applied epidemiological concepts and methods to diverse occupational and environmental health challenges on behalf of corporations, government agencies, international organizations, and law firms.

1989-1999

**Associate Professor, University of Massachusetts at Amherst**

Taught at the graduate university level in epidemiological concepts and methods in the Department of Biostatistics and Epidemiology. Developed and directed the Occupational Epidemiology Unit.

Teaching Excellence Award, 1995

**EDUCATION**

1990

**PhD, Epidemiology**

University of North Carolina at Chapel Hill

1986

**MS, Epidemiology**

University of Massachusetts at Amherst

1982

**MA, English**

University of Virginia

1981

**AB, English**

Dartmouth College

**COURSES/CERTIFICATIONS**

Delta Omega Award for Dissertation Research, University of North Carolina at Chapel Hill, 1990

Deutscher Akademischer Austauschdienst (DAAD) Epidemiology Program Fellowship, University of North Carolina at Chapel Hill, 1989

**LANGUAGE SKILLS**

**English** (mother tongue), Haitian; Haitian Creole, French

**PROJECT EXAMPLES**

**Epidemiological Studies**

Managed multidisciplinary teams in designing, conducting and interpreting occupational epidemiological studies of workers involved in the manufacture of rubber products, porcelain goods, industrial chemicals, steel, semiconductors, etc. Specific chemical exposures evaluated included crystalline silica, vinyl chloride, solvents, asbestos, nitrosamines, carbon black, hexavalent chromium, electromagnetic fields, fluorinated hydrocarbons, polycyclic aromatic hydrocarbons, and formaldehyde.

Also conducted studies of disabling knee injuries in the US Army, amyotrophic lateral sclerosis (AML) risk among US Air Force civilian employees and psychological impact of frequent international business travel among World Bank employees. Co-authored one of the first studies on the association between traffic density and childhood asthma.

**Health Risks Evaluation and Communication**

Responded to observed and perceived health problems in occupational and community settings, including clusters of cancers or other rare disease, unusual or accidental exposure conditions, complex environmental contamination settings, and disease outbreaks. Actions included verifying exposure and disease occurrence, determining potential scope of concern, constituting and managing expert teams, designing and recommending interventions, and risk communication.

**Occupational Exposure and Health Surveillance Systems**

Developed, implemented and evaluated workplace exposure and health surveillance systems, including designs for biomonitoring, exposure registries, insurance claims tracking, ergonomic intervention plans, and occupational health surveillance programs.

**Teaching and Scholarship**

Frequent participant in scientific meetings, seminars, symposia, short courses, guest lectures and expert testimony. Consistent record of publishing research and methodological reports in peer reviewed health and medical journals.

**Scientific Regulatory Support**

Participated in multidisciplinary teams evaluating the scientific basis for regulatory and policy development, including the identification of scientific gaps and uncertainties, statistical re-analysis of data from key studies, preparation of commentaries and technical communications, identification of new research opportunities, critical review and synthesis including meta-analyses of epidemiological evidence, integration of scientific evidence from diverse lines of inquiry, organize and manage expert panels and topical symposia.

**Critical Reviews and Syntheses**

Comprehensively identified, systematically critically reviewed and synthesized the epidemiological literature on human health risks associated with numerous occupational, environmental and consumer product exposures. Risk factors evaluated included dioxins, carbon disulfide, perchloroethylene, methylene chloride, selenium, formaldehyde, exposures associated with painting as an occupation, and wind turbine emissions.

**Health Impact Assessments**

Performed integrative evaluations of the potential role of various occupational, environmental and behavioral risk factors on the health of workers and community members, primarily to identify and attribute health effects associated with specific sources or types of exposures, e.g., air emissions from industrial facilities, noise emissions from wind turbines or bioaccumulation of toxic chemicals from foods and the environment.

**PUBLICATIONS**

2016

**Author's response to Dr. Morfeld "Controlling the false Discovery Rate in Many SMR Analyses"**

Journal of Occupational and Environmental Medicine 2016;58(1):e-23

Authors: Dell LD, Gallagher AE, Crawford L, Jones RM, Mundt KA

2016

**Meta-Analysis of Cardiac Mortality in Three Cohorts of Carbon Black Production Workers.**

International Journal of Environmental Research and Public Health 2016, 13(3), 302;

doi: 10.3390/ijerph13030302

Authors: Morfeld P, Mundt KA, Dell LD, Sorahan T, McCunney RJ.

2016

**Extended follow-up of lung cancer and non-malignant respiratory disease mortality among California diatomaceous earth workers.**

Occupational and Environmental Medicine 2016;73(1):71-72

Authors: Mundt KA, Boffetta P.

2015

**Cohort Study of Carbon Black Exposure and Risk of Malignant and Nonmalignant Respiratory Disease Mortality in the US Carbon Black Industry.**

Journal of Occupational and Environmental Medicine 2015;57(9):984-997

Authors: Dell LD, Gallagher AE, Crawford L, Jones RM, Mundt KA.

2015

**Formaldehyde exposure and mortality risks from acute myeloid leukemia and other lymphohematopoietic malignancies in the US National Cancer Institute Cohort Study of Workers in Formaldehyde Industries.**

Journal of Occupational and Environmental Medicine 2015;57(7):785-794.

Authors: Checkoway H, Dell LD, Boffetta P, Gallagher AE, Crawford L, Lees PSJ, Mundt KA.

2015

**Wind Turbines and health: An examination of a proposed case definition.**

Noise & Health 2015;17(77):175-181

Authors: McCunney RJ, Morfeld P, Colby WD, Mundt KA.

2014

**Response to: An Attempt to Estimate an Exposure Threshold Is Not a Scientific Exercise-Example of Silicosis From Exposure to Quartz Dust.**

J Occup Environ Med. 2014 Oct;56(10):e105

Authors: Morfeld P, Mundt KA, Taeger D, Guldner K, Steinig O, Miller BG.

2014

**Response to Letter to the Editor: Author response to the letter from Dr. Möhner: Threshold value estimation for respirable quartz dust exposure and silicosis.**

Journal of Occupational & Environmental Medicine 2014 Feb;56(2):123-5

Authors: Morfeld P, Mundt KA, Taeger D, Guldner K, Steinig O, Miller BG.

2014

**Derivation of an Exposure-Risk Relationship (ERB) or alternatively an Occupational Exposure Limit (AGW) for Selenium and its Compounds.**

Published by Deutsche Gesetzliche Unfallversicherung (DGUV). (IFA Report 5/2014e, December 2014: 65 pages; ISBN: 978-86423-132-2)

Authors: Birk T, Begemann P, Turnbull D, Mundt KA.

2014

**Wind Turbines and Health. A Critical Review of the Scientific Literature.**

Journal of Occupational & Environmental Medicine 2014 Nov;56(11):e108-30

Authors: McCunney RJ, Mundt KA, Colby WD, Dobie R, Kaliski K, Blais M.

2014

**Response to: Healthy-Worker Effect Led to an Overestimation of the Concentration Threshold Value for Respirable Quartz.**

J Occup Environ Med. 2014 Oct;56(10):e106-7

Authors: Morfeld P, Mundt KA, Taeger D, Guldner K, Steinig O, Miller BG.

2013

**Response letter to the Editor RE: Formaldehyde and leukemia: missing evidence!**

Cancer Causes Control. 2013 Jan;24(1):205. Epub 2012 Nov 29.

Authors: Checkoway H, Boffetta P, Mundt DJ, Mundt KA.

2013

**Threshold value estimation for respirable quartz dust exposure and silicosis incidence among workers in the German porcelain industry.**

J Occup Environ Med. 2013 Nov;55(9):1027-1034.

Authors: Morfeld P, Mundt KA, Taeger D, Guldner K, Steinig O, Miller BG.

2012

**Critical review and synthesis of the epidemiologic evidence on formaldehyde exposure and risk of leukemia and other lymphohematopoietic malignancies.**

Cancer Causes Control 2012; 23(11):1747-1766. E-pub 2012 Sept 5

Authors: Checkoway H, Boffetta P, Mundt DJ, Mundt KA.

2011

**Respirable crystalline silica exposure-response evaluation of silicosis morbidity and lung cancer mortality in the German porcelain industry cohort.**

Journal of Occupational & Environmental Medicine, 2011;53(3):282-289.

Authors: Mundt KA, Birk T, Parsons W, Borsch-Galetke E, Siegmund K, Heavner K, Guldner K.

2011

**TCDD and cancer: A critical review of epidemiologic studies.**

Critical Reviews in Toxicology 2011 Aug;41(7):622-36. Epub 2011 Jul 1.

Authors: Boffetta P, Mundt KA, Adami H-O, Cole P, Mandel J.

2011

**Exposure Registries: overview and utility for nanomaterial workers.**

Journal of Occupational and Environmental Medicine 2011 Jun;53(6 Suppl):S42-7.

Authors: Schulte PA, Mundt DJ, Nasterlack M, Mulloy KB, Mundt KA.

2010

**Epidemiological studies of formaldehyde exposure and risk of leukemia and nasopharyngeal cancer: A Meta-Analysis.**

Critical Reviews in Toxicology, 2010;40(2):85-100.

Authors: Bachand A, Mundt KA, Mundt DJ, Montgomery R.

2010

**Meta-analyses of occupational exposure as a painter and lung and bladder cancer morbidity and mortality 1950-2008.**

Critical Reviews in Toxicology, 2010;40(2):101-125.

Authors: Bachand A, Mundt KA, Mundt DJ, Carlton LE.

2010

**Quantitative crystalline silica exposure assessment for an historical cohort epidemiological study in the German porcelain industry.**

Journal of Occupational & Environmental Hygiene 2010;7(9):516-528.

Authors: Birk T, Guldner K, Mundt KA, Dahmann D, Adams RC, Parsons W.

2009

**Mortality in the German porcelain industry 1985-2005: First results of an epidemiological cohort study.**

Journal of Occupational and Environmental Medicine 2009; 51(3): 373-385.

Authors: Birk T, Mundt KA, Guldner K, Parsons W, Luippold R.

2008

**Options for occupational health surveillance of workers potentially exposed to engineered nanoparticles: State of the science.**

Journal of Occupational and Environmental Medicine 2008; 50 (5): 517-526.

Authors: Schulte PA, Trout D, Zumwalde R, Kuempel E, Geraci C, Castranova V, Mundt DJ, Mundt KA, Halperin WE.

2007

**Clinical epidemiological study of employees exposed to surfactant blend containing perfluorononanoic acid (PFNA).**

Occupational and Environmental Medicine 2007; 64(9): 589-94. Epub 2007 Apr 4.

Authors: Mundt DJ, Mundt KA, Luippold RS, Schmidt MD, Farr CH.

2007

**Cancer risk in the semiconductor industry: responding to the call for action.**

Occupational and Environmental Medicine 2007; 64(1): 5-6.

Authors: Mundt KA.

2007

**An assessment of the possible extent of confounding in epidemiological studies of lung cancer risk among roofers.**

Journal of Occupational and Environmental Hygiene. 2007; 4(S1): 163-174.

Authors: Mundt DJ, van Wijngaarden E, Mundt KA.

2006

**Lung cancer mortality in the German chromate industry, 1958-1998.**

Journal of Occupational and Environmental Medicine 2006; 48(4): 426-433.

Authors: Birk T, Mundt KA, Dell LD, Luippold RS, Miksche L, Steinmann-Steiner-Haldenstaett W, Mundt DJ.

2006

**A cohort mortality study of employees in the United States carbon black industry.**

Journal of Occupational and Environmental Medicine 2006; 48(12): 1219-29.

Authors: Dell LD, Mundt KA, Luippold RS, Nunes AP, Cohen L, Burch MT, Heidenreich MJ, Bachand AM.

2006

**An examination of the Environmental Protection Agency risk assessment principles and practices: a brief commentary on section 4.1.3 of the EPA March 2004 Staff Paper:**

Human and Experimental Toxicology 2006; 25(1): 19-21.

Authors: Mundt KA.

2005

**Response to Swaen & Duijts on the epidemiologic evidence for the carcinogenicity of vinyl chloride monomer.**

Scandinavian Journal of work, Environment and Health 2005; 31(3): 236.

Authors: Boffetta P, Mundt KA, Dell LD.

2005

**Low-level hexavalent chromium exposure and rate of mortality among US chromate production employees.**

Journal of Occupational and Environmental Medicine 2005; 47(4): 381-385.

Authors: Luippold RS, Mundt KA, Dell LD, Birk T.

2005

**Statistical challenges in evaluating dose-response using epidemiological data.**

Dose-Response (formally Nonlinearity in Biology, Toxicology and Medicine) 2005; 3: 453-455.

Authors: Mundt KA.

2005

**Hexavalent chromium study's conclusions unjustified. Letters to the Editor.**

Journal of Occupational and Environmental Medicine 2005; 47(10): 981.

Authors: Mundt KA, Luippold R, Dell, L, Birk T.

2004

**Evaluation of the exposure-response relationship of lung cancer mortality and occupational exposure to hexavalent chromium based on published epidemiological data.**

Nonlinearity in Biology, Toxicology and Medicine, 2004; 2(1): 27-34.

Authors: van Wijngaarden E, Mundt KA, Luippold RS.

2003

**Dose-response and risk assessment of airborne hexavalent chromium and lung cancer mortality.**

Risk Analysis 2003; 23(6): 1147-1163.

Authors: Crump C, Crump K, Hack E, Luippold R, Mundt K, Liebig E, Panko J, Paustenbach D, Proctor D.

2003

**Vinyl chloride and liver and brain cancer at a polymer production plant in Louisville, Kentucky.**

Journal of Occupational and Environmental Medicine 2003; 45(5): 533-537.

Authors: Lewis R, Rempala G, Dell LD, Mundt KA.

2003

**Lung cancer mortality among chromate production workers.**

Occupational and Environmental Medicine 2003; 60: 451-457

Authors: Luippold RS, Mundt KA, Austin RP, Liebig E, Panko J, Crump C, Crump K, Proctor D.

2003

**Critical review of the epidemiological literature on occupational exposure to perchloroethylene and cancer.**

International Archives of Occupational and Environmental Health 2003; 76: 473-491.

Authors: Mundt KA, Birk T, Burch MT.

2003

**Quality based critical review (QBCR) of the epidemiological literature on silica, silicosis, tobacco smoking and lung cancer.**

Published by Hauptverband der gewerblichen Berufsgenossenschaften (BIA-Report, February 2003).

Authors: Birk T, Burch MT, Mundt KA.

2003

**Meta-analysis of studies of occupational exposure to vinyl chloride in relation to cancer mortality.**

Scandinavian Journal for Work, Environment and Health 2003;29(3):220-229.

Authors: Boffetta P, Matisane L, Mundt KA, Dell LD.

2003

**Apportionment of disease in individuals. Letter to the Editor.**

Journal of Clinical Epidemiology 2003;56:290-91.

Authors: Mundt KA, Bigelow C, van Wijngaarden E.

2003

**Workplace airborne hexavalent chromium concentrations for the Painesville, Ohio chromate production plant (1943-1971).**

Applied Occupational and Environmental Hygiene Journal 2003;18(6):430-449.

Authors: Proctor DM, Panko JP, Liebig EW, Scott PK, Mundt KA, Buczynski MA, Barnhart RJ, Harris MA, Morgan RJ, Pausentenbach DJ.

2002

**Cause-specific mortality among Kelly Air Force Base civilian employees, 1981-2001.**

Journal of Occupational and Environmental Medicine 2002;44(11):989-996.

Authors: Mundt DJ, Dell LD, Luippold RS, Sulsky SI, Skillings A, Gross R, Cox KI, Mundt KA.

2002

**Risk factors for occupational knee-related disability among enlisted women in the US Army.**

Occupational and Environmental Medicine 2002;59:601-607.

Authors: Sulsky SI, Mundt KA, Bigelow C, Amoroso PJ.

2002

**Critical review of the epidemiological literature on the potential cardiovascular effects of occupational carbon disulfide exposure.**

International Archives of Occupational and Environmental Health 2002;75:365-80.

Authors: Sulsky SI, Hooven FH, Burch MT, Mundt KA.

2002

**Mental health insurance claims among spouses of frequent business travellers.**

Occupational and Environmental Medicine 2002;59:175-181.

Authors: Dimberg LA, Striker J, Nordanlycke-Yoo C, Nagy L, Mundt KA, Sulsky SI.

2002

**Book Review: Genes, Cancer, and Ethics in the Work Environment.**

Applied Occupational and Environmental Hygiene 2002;17(4):1-2.

Authors: Mundt KA.

2001

**Deep venous thrombosis (DVT) associated with corporate air travel.**

Journal of Travel Medicine 2001;8(3):127-132.

Authors: Dimberg LA, Mundt KA, Sulsky SI, Liese BH.

2001

**Epidemiological assessment of hormesis in studies with low-level exposure.**

Human & Ecological Risk Assessment 2001;7(4):795-809.

Authors: Mundt KA and May S.



2001

**Antisocial behavioral syndromes and return to drug use following residential relapse prevention/health education treatment.**

American Journal of Drug & Alcohol Abuse 2001;27(3):453-482.

Authors: Goldstein RB, Bigelow C, McCusker J, Lewis BF, Mundt KA, Powers SI.

2000

**Case-control study of discharge from the US Army for disabling occupational knee injury: The role of gender, race/ethnicity, and age.**

American Journal of Preventive Medicine 2000;18(3S):103-111.

Authors: Sulsky SI, Mundt KA, Bigelow C, Amoroso PJ.

2000

**Knee-related injuries and disabilities in the US Army, 1980-1997.**

US Army Research Institute of Environmental Medicine (Technical Report no. T00-24, September 2000: 143 pages).

Authors: Sulsky S, Mundt KA, Bigelow C, Amoroso PJ, Fisher D.

2000

**Parental occupational exposures and risk of neuroblastoma: A case-control study (2000United States).**

Cancer, Causes & Control 2000;11:635-643.

Authors: Kerr MA, Nasca PC, Mundt KA, Michalek AM, Baptiste MS, Mahoney MS.

2000

**Video display terminal workstation improvement program: II. Ergonomic intervention and reduction of musculoskeletal discomfort.**

Journal of Occupational and Environmental Medicine 2000;42:792-797.

Authors: Demure B, Mundt KA, Bigelow C, Luippold RS, Ali D, Liese B.

2000

**Historical cohort study of 10,109 men in the North American vinyl chloride industry, 1942-1972: Update of cancer mortality to 31 December 1995.**

Occupational and Environmental Medicine 2000;57:774-781

Authors: Mundt KA, Dell LD, Austin RP, Luippold RS, Noess R, Bigelow C.

2000

**Physical tasks of military occupational specialties as risk factors for knee-related disability discharge.**

US Army Research Institute of Environmental Medicine (Technical Report no.T00-9, February 2000: 66 pages).

Authors: Williams RE, Amoroso PJ, Mundt KA, Bigelow C.

2000

**Video display terminal workstation improvement program: I. Baseline associations between musculoskeletal discomfort and ergonomic features of workstations.**

Journal of Occupational and Environmental Medicine 2000;42:783-791.

Authors: Demure B, Luippold RS, Bigelow C, Ali D, Mundt KA, Liese B.

2000

**Tetrachlorethen und Krebs. Kritische Überprüfung und Synthese der Epidemiologischen Literatur. (Tetrachlorethylene and Cancer. Critical analysis and synthesis of the epidemiological literature.)**

Published by Hauptverband der gewerblichen Berufsgenossenschaften (BIA-Report no. 3, May 2000: 222 pages; ISBN:3-88383-572-2)

Authors: Mundt KA, Birk T, Burch MT, McDonald M, Bigelow C, Dieckmann W.

2000

**Disabling knee injury in the United States Army: Classification of injury for etiologic research.**

US Army Research Institute of Environmental Medicine (Technical Report no. T01-1, October 2000: 48 pages).

Authors: Patnaik P, Amoroso PJ, Mundt KA, Bigelow C.

1999

**Critical review of the epidemiology literature on the potential cancer risks of methylene chloride.**

International Archives of Occupational and Environmental Health 1999;72:429-442.

Authors: Dell LD, Mundt KA, McDonald M, Tritschler JP, Mundt D.

1999

**An occupational cohort mortality study of women in the German rubber industry: 1976 to 1991.**

Journal of Occupational and Environmental Medicine 1999;41:807-812.

Authors: Mundt KA, Weiland SK, Bucher AM, Straif K, Werner B, Chambless L, Keil U.

1999

**Risk factors for psychological stress among international business travellers.**

Occupational and Environmental Medicine 1999;56:245-252.

Authors: Striker J, Luippold RS, Nagy RN, Liese B, Bigelow C, Mundt KA.

1999

**Work-related upper-extremity disorders: Prospective evaluation of clinical and functional outcomes.**

Journal of Occupational and Environmental Medicine 1999;41:884-892.

Authors: Pransky G, Benjamin K, Himmelstein J, Mundt KA, Morgan W, Feuerstein M, Koyamatsu K, Hill-Fotouhi C.

1999

**Evaluating the quality of epidemiological research: The obvious, the necessary and the elusive.**

In: The Proceedings of the Sixth International Symposium of the International Section for Research. Epidemiology and Occupational Risks, April 22-24, 1998. Published by the ISSA Section for Research, 1999; pages 185-188, ISBN 3-900608-33-4.

Authors: Mundt KA.

1999

**A new proposal for a code of good epidemiological practice.**

In: The Proceedings of the Sixth International Symposium of the International Section for Research. Epidemiology and Occupational Risks, April 22-24, 1998. Published by the ISSA Section for Research, 1999; pages 106-110, ISBN 3-900608-33-4.

Authors: Bloemen L, Jackson JR, Kightlinger M, Mundt KA, Pastides H.

1998

**Workplace risk factors for cancer in the German rubber industry. Part 2: Mortality from non-respiratory cancers.**

Occupational and Environmental Medicine 1998;55:325-332.

Authors: Straif K, Weiland SK, Werner B, Chambless L, Mundt KA, Keil U.

1998

**Prevalence of soil mouthing/ingestion among healthy children aged 1 to 6.**

Journal of Soil Contamination, 1998;7(2):227-242.

Authors: Stanek EJ, Calabrese EJ, Mundt KA, Pekow P, Yeatts KB.

1998

**RE: Cancer mortality in workers exposed to phenoxy herbicides, chlorophenols, and dioxins, and expanded and updated international cohort study (letter to the Editor).**

American Journal of Epidemiology 1998;147(11):1094-1095.

Authors: Mundt KA, Dell LD.

1998

**Validity of epidemiological data in risk assessment applications.**

Human and Ecological Risk Assessment 1998; 4(3):675-683.

Authors: Mundt KA, Tritschler JP, Dell LD.

1998

**Antisocial behavioral syndromes among residential drug abuse treatment clients.**

Drug and Alcohol Dependence 1998;49:201-216 (Erratum 1999;53:171-187).

Authors: Goldstein RB, Powers SI, McCusker J, Lewis BF, Bigelow C, Mundt KA.

1998

**Workplace risk factors for cancer in the German rubber industry. Part 1: Mortality from respiratory cancers.**

Occupational and Environmental Medicine 1998;55:317-324.

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1997

**Medical insurance claims associated with international business travel.**

Occupational and Environmental Medicine, 1997;54:499-503.

Authors: Liese B, Mundt KA, Dell LD, Nagy L, Demure B.

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**Book Review: Fundamentals of Occupational Safety and Health.**

Applied Occupational and Environmental Hygiene 1997;12(9):615-616.

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1997

**Cancer mortality among workers in the German rubber industry (correspondence).**

Occupational and Environmental Medicine, 1997;54:216.

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1997

**Epidemiological Surveillance.**

Chapter 5 in DiNardi SR (editor) The Occupational Environment - Its Evaluation and Control. Virginia: American Industrial Hygiene Association, 1997 (pp 99-102).

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1996

**Gender differences in manifestations of antisocial personality disorder among residential drug abuse treatment clients.**

Drug and Alcohol Dependence, 1996;41:35-45.

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**Confidence intervals for measures of interaction.**

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**Interaction: An epidemiological perspective for risk assessment.**

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1996

**Cancer mortality among workers in the German rubber industry: 1981-1991.**

Occupational and Environmental Medicine, 1996;53:289-298.

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1996

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The World Bank, Washington, D.C.

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1996

**Lack of remorse in antisocial personality disorder among drug abusers in residential treatment.**

Journal of Personality Disorders, 1996;10(4):321-334.

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**Book Review: Introduction to Environmental Epidemiology.**

Applied Occupational and Environmental Hygiene 1996;11(6):570-571.

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1995

**Historische kohortenstudie in der deutschen kautschukindustrie: Zielsetzung, zstudiendesign und erhebungsverfahren (Historical cohort study in the German rubber industry: goals, study design and data collection).**

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**Book Review: Occupational Health and Safety: Terms, Definitions, and Abbreviations.**

Applied Occupational and Environmental Hygiene 1995; 10(5):493-4.

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**Book Review: Surface and Dermal Monitoring for Toxic Exposures.**

Applied Occupational and Environmental Hygiene 1995; 10(10):875-876

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1994

**Neuropsychologic effects of environmental dioxins and furans?**

Occupational and Environmental Medicine Report 1994; 8(5):41-44.

Authors: Mundt KA, Dell LD.

1994

**Evaluating worksite health programs.**

Journal of Ambulatory Care Management 1994; 17(2):82-91.

Authors: Gehlbach SG and Mundt KA.

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**A retrospective-cohort study of occupational exposure to hexavalent chromium.**

American Journal of Industrial Medicine 1994; 25:663-675.

Authors: Pastides H, Austin R, Lemeshow S, Klar J, and Mundt KA.

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**Epidemiological surveillance: A management tool for occupational health.**

Journal of Ambulatory Care Management 1994; 17(2):19-27.

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**Transforming industrial hygiene data for use in epidemiologic studies: A case study of hexavalent chromium.**

Journal of Occupational Medicine and Toxicology 1994; 3(1):57-71.

Authors: Pastides H, Austin R, Mundt KA, Ramsey F, Feger N.

1994

**Self-reported wheezing and allergic rhinitis in children and traffic density on street of residence.**

Annals of Epidemiology 1994; 4:243-247.

Authors: Weiland SK, Mundt KA, Rückmann A and Keil U.

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**Workplace-based surveillance as a strategy for policy development and disease prevention.**

In: Proceedings of the 3rd Annual Symposium on Environmental and Occupational Health during Societal Transition in Central and Eastern Europe. Policies, Programs, and Public Participation: Environmental and Occupational Health in the Emerging Market Economies and Democracies of Central and Eastern Europe, June 26 - July 1, 1992. Published by Management Sciences for Health, Boston, pages 193-197.

Authors: Mundt KA.

1992

**Letter to the Editor: RE: "Exposure to residential electric and magnetic fields and risk of childhood leukemia" and "Case-control study of childhood cancer and exposure to 60-HZ magnetic fields."**

American Journal of Epidemiology 1992; 135(9); 1070-1075.

Authors: Mundt KA.

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**A characterization of occupational static magnetic field exposures at a diaphragm-cell and a mercury-cell chlor-alkali facility.**

Applied Occupational and Environmental Hygiene 1992; 7:42-48.

Authors: Pastides H, Miller JR, Mundt KA, Klar J, Adams RF, Olendorf T.

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**Measuring ankle systolic blood pressure: Validation of the Dinamap 1846 SX.**

Angiology, 1992; 43(7); 555-566.

Authors: Mundt KA, Chambless LE, Burnham CB and Heiss G.

1979

**Predictive value of a single diagnostic test: a belated correction (letter).**

New England Journal of Medicine 1979; 300(15): 859.

Authors: Mundt KA and Polk BF.

1979

**Identification of site of urinary-tract infections by antibody-coated bacteria assay.**

Lancet 1979; 2: 1172-5.

Authors: Mundt KA and Polk BF.

#### **TEACHING EXPERIENCE**

2016--Ongoing

**Adjunct Professor, Department of Environmental Health Sciences, Arnold School of Public Health, University of South Carolina**

2007--Ongoing

**Adjunct Associate Professor, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill**

2005--Ongoing

**Adjunct Associate Professor, Department of Epidemiology, School of Public Health and Health Sciences, University of Massachusetts at Amherst**

2002-2007

**Adjunct Associate Professor, Department of International Health, School of Nursing and Health Studies, Georgetown University**

1999

**Consulting Faculty, Department of Undersea Medicine, Naval Submarine Base, New London CT**

1997-2002

**Associate Professor, Department of Family Medicine and Community Health, University of Massachusetts Medical School, Worcester**

1996-1999

**Associate Professor, Department of Epidemiology, School of Public Health and Health Sciences, University of Massachusetts at Amherst**

1993--Ongoing

**Occupational Epidemiology Short courses, Norway, Germany, Slovakia, Thailand, Italy, USA, Switzerland**

1991-1994

**Visiting Professor, Abteilung für Sozialmedizin und Epidemiologie, Ruhr-Universität Germany**

1990-1996

**Assistant Professor, Department of Epidemiology, School of Public Health and Health Sciences Teaching Excellence Award, 1995, University of Massachusetts at Amherst**

1989-1990

**Lecturer, Department of Epidemiology, School of Public Health and Health Sciences, University of Massachusetts at Amherst**

#### **OTHER ACTIVITIES**

2016

**CropLife America and RISE 2016 Spring Conference. Integration of Epidemiology and Toxicology for Risk Assessments.**

Invited Speaker, Harnessing Epidemiological Evidence for Risk Assessment: Increasing Epidemiology's Role and Relevance.

2013-Ongoing

**Archives of Industrial Hygiene and Toxicology**

Advisory Editor

2008-Ongoing

**Opportunities for Communities, Inc.**

Member of the Board of Directors of Opportunities for Communities, Inc., a 501(c)(3) educational organization. Also Director of OfC's Haitian Program.

2006-2009

**International Agency for Research on Cancer (IARC)**

- Invited Observer, Proceedings of IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 100: Chemical Agents and Related Occupations 2009

- Invited Observer, Proceedings of IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 98: Fire-fighting, Painting and Shift-work 2007

- Invited Observer, Proceedings of IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 93: Carbon Black, Titanium Dioxide and Non-Asbestiform Talc 2006

2005-Ongoing

**International Hormesis Society**

Member, Executive/Steering Committee

2003-Ongoing

**School of Public Health and Health Sciences, University of Massachusetts**

Chair, Dean's Advisory Board

2002-2004

**United States Environmental Protection Agency, Science Review Board, FIFRA Scientific Advisory Panel**  
Scientific Consultant

2002-Ongoing

**International Archives of Occupational and Environmental Health**  
Advisory Editor

2001-2012

**Dose-Response (formally Nonlinearity in Biology, Toxicology and Medicine)**  
Associate Editor

1996-2006

**American College of Epidemiology**  
Vice Chair, Finance Committee, 2003-2007  
Member, Policy Committee, 1996-2002

1993-2005

**Agency for the Toxic Substances and Disease Registry**  
Peer Reviewer in Epidemiology

1993-2004

**The World Bank**  
Epidemiology Consultant and Scientific Advisor, Health Services Department

1993-Ongoing

**Peer Reviewer for the following Journals:**  
American Journal of Epidemiology  
American Journal of Industrial Medicine  
Archives of Industrial Hygiene and Toxicology  
Critical Reviews in Toxicology  
Dose-Response (formerly Nonlinearity in Biology, Toxicology and Medicine)  
International Archives of Occupational and Environmental Health  
Occupational and Environmental Medicine

#### **MEMBERSHIPS**

American College of Epidemiology (Fellow)  
American Conference of Governmental Industrial Hygienists  
American Public Health Association  
Delta Omega - Honorary Society in Public Health  
International Commission on Occupational Health  
International Society for Environmental Epidemiology  
MEDICHEM  
Sigma Xi - The Scientific Research Society  
Society for Epidemiologic Research  
Society for Risk Analysis