

## **Kenneth A. Mundt, Ph.D.**

### **Education**

- 1990 Ph.D., Epidemiology, University of North Carolina at Chapel Hill
- 1986 M.S., Epidemiology, University of Massachusetts at Amherst
- 1982 M.A., English, University of Virginia at Charlottesville
- 1981 A.B., English, Dartmouth College

### **Academic Appointments**

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

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

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

### **Experience**

Dr. Mundt is a Principal of ENVIRON International Corporation and also serves as Director of Epidemiology for ENVIRON Health Sciences. Prior to joining ENVIRON, Dr. Mundt served as President and Founder of Applied Epidemiology, Inc. from 1991-2003. His interest and expertise are in the application of epidemiological concepts and methods; occupational and environmental exposure to chemicals; cancer, reproductive, cardiovascular, musculoskeletal injury and other health outcomes; quality-based critical reviews (QBCR) of epidemiological literature; expert testimony; epidemiological instruction and training. In this capacity, Dr. Mundt has provided leadership in the following areas:

- Applying epidemiological concepts and methods to diverse occupational and environmental health challenges on behalf of corporations, government agencies, international organizations, and law firms.
- Launching ENVIRON's Nanotechnology & Health Initiative, bringing together technical skills in toxicology, risk assessment, epidemiology, occupational health and safety, consumer products and foods, and environmental fate and transport.
- Conducting epidemiological studies and consulting on epidemiologic issues related to chemical hazards of polymers, solvents, metals, polycyclic aromatic hydrocarbons, dusts, occupational and community health investigations, disease cluster evaluations, injury and disability research, and epidemiological concepts and methods.
- Comprehensively reviewing and synthesizing the medical literature on various occupational and environmental risk factors, such as cancer risks associated with various solvents, metals and other minerals including silica and asbestos, cardiovascular disease and occupational chemical exposure, neurological deficits and solvent and metals exposures, etc.

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- Developing and implementing health and exposure surveillance systems, including biomonitoring and integrated evaluation.
- Teaching at the graduate university level in epidemiological concepts and methods, as well as numerous professional seminars and symposia.

### **Selected Examples**

- Conducted multiple large epidemiological studies of military and civilian populations employed by the military, including a nested case-control study of 10,000 disabling knee injuries in the United States Army, a study a disability and vaccination against anthrax, a record-linkage study of the utilization of Veterans Administration hospitals and services among soldiers discharged from the Army, and a mortality study of civilian employees of a large Air Force base.
- Helped develop a European industry-based effort to establish a code of good epidemiological practices.
- Designed and conducted morbidity and mortality studies of health risks associated with various chemical exposures, such as silica, vinyl chloride, hexavalent chromium, carbon black, etc., using cohort and case-control approaches.
- Investigated frequent international business travel and its potential health effects on employees and their spouses, including impact on health insurance claims.

### **Teaching, Other Educational Activities**

- Currently Adjunct Associate Professor at the University of North Carolina, Georgetown University, and the University of Massachusetts.
- Associate Professor, Department of Biostatistics and Epidemiology, University of Massachusetts at Amherst, 1989-1999.
- Developed and directed the Occupational Epidemiology Unit of the Department of Biostatistics and Epidemiology, University of Massachusetts at Amherst.
- Associate Professor, Department of Family Medicine and Community Health, University of Massachusetts Medical School, Worcester, 1997-2002.
- Developed and taught several Occupational Epidemiology Short courses in Norway, Germany, Slovakia, and Thailand.
- Consulting Faculty, Dept. of Undersea Medicine, Naval Submarine Base, New London, 1999.
- Visiting Professor, Abteilung für Sozialmedizin und Epidemiologie, Ruhr-Universität Germany, 1991-1994.

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### Awards & Honors

- Teaching Excellence Award, School of Public Health and Health Sciences, University of Massachusetts, Amherst, MA, 1995
- Delta Omega Award for Dissertation Research, University of North Carolina, 1990
- Deutscher Akademischer Austauschdienst (DAAD) Epidemiology Program Fellowship, 1989
- Member, Delta Omega, Public Health National Honor Society
- Member, Sigma Xi, Scientific Research National Honor Society
- Fellow, American College of Epidemiology

### Professional Activities

Reviewer for the following journals:

American Journal of Epidemiology  
American Journal of Public Health  
Annals of Epidemiology  
Dose-Response (formerly Nonlinearity in Biology, Toxicology and Medicine)  
International Archives of Occupational and Environmental Health  
Journal of Travel Medicine  
Occupational and Environmental Medicine  
Statistics in Medicine

Moderator, Industry Forum “Perspectives on the risk management process for nanomaterials,” International Conference on Nanotechnology Occupational and Environmental Health & Safety: Research to Practice. University of Cincinnati and US National Institute for Occupational Safety and Health (NIOSH), December 4-7, 2006.

Observer, IARC Proceedings, *IARC Monographs on the Evaluation of Carcinogenic Risks to Humans*, Volume 93: Carbon Black, Titanium Dioxide and Non-Asbestiform Talc. Lyon, France, February 7-14, 2006.

Member, Technical Committee, 2<sup>nd</sup> International Symposium on Nanotechnology and Occupational Safety and Health, US National Institute for Occupational Safety and Health (NIOSH), October 3-6, 2005.

Invited Speaker, Securing the Promise of Nanotechnology: Is U.S. Environmental Law up to the Job? Environmental Law Institute and the Woodrow Wilson International Center for Scholars, May 25-26, 2005.

Member, Executive/Steering Committee of the International Hormesis Society, 2005-present.

Member, Dean’s Advisory Board, School of Public Health and Health Sciences, University of Massachusetts, Amherst, 2003-present.

Vice Chair, American College of Epidemiology Finance Committee, 2003-2008.

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Advisory Editor, International Archives of Occupational and Environmental Health, 2002-present.

Ad hoc Advisor to EUROSIL, European Association of Industrial Silica Producers 2003-present.

Panelist, Dichloromethane Peer Review Workshop, CIIT Centers for Health Research, May 3-4, 2005.

Invited Reviewer, the American Chemistry Council (ACC) Long-Range Initiative (LRI) Workshop, "Studies of Chemical Workers: A Revised Systematic Review and Meta-Analysis," January 27, 2005.

Scientific Consultant, United States Environmental Protection Agency, Science Review Board, FIFRA Scientific Advisory Panel, 2002-2004.

Invited Session Chair, Bridges in Life Sciences: Networking Workshop for the U.S. and Central-Eastern European Scientists. U.S. National Institutes of Health, Cedars-Sinai Medical Center, and a consortium of Hungarian Universities, October 8-10, 2003.

Co-Director, Košice Occupational Health Program, Košice, Slovak Republic, 2001-present.

Associate Editor, Dose-Response (formally Nonlinearity in Biology, Toxicology and Medicine), 2001-present.

Member, Housatonic River Advisory Committee for Health Activities, Massachusetts Department of Public Health, 2000-2006.

Senior Scientist, Center for Health Policy and Research, University of Massachusetts Medical School, 1998-2002.

Member, Policy Committee, American College of Epidemiology, 1996-2002.

Abstract Reviewer, Society for Epidemiologic Research Annual Meetings, 1995-2004.

Epidemiology Consultant and Scientific Advisor, Health Services Department, The World Bank, Washington, D.C., 1993-2004.

Peer Reviewer in Epidemiology, Agency for the Toxic Substances and Disease Registry, 1993-2005.

Advisor to the Occupational Medicine Residency Program, University of Massachusetts Medical Center, Worcester, 1993-1999.

Member, Science and Technology Advancement Initiative, Subcommittee on Biotechnology/Life Sciences, Environment and Health Sciences, University of Massachusetts, 1996-1998.

Member, International Social Security Association, Working Group in Epidemiology / Member, Scientific Planning Committee for conference on Interpreting Epidemiological Research, Graz, Austria, April, 1998, 1996-1998.

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### **Professional Affiliations**

American College of Epidemiology (Fellow)  
American Conference of Governmental Industrial Hygienists  
American Public Health Association  
International Commission on Occupational Health  
International Society for Environmental Epidemiology  
Medichem – Occupational & Environmental Health in the Production and Use of Chemicals  
Society for Epidemiologic Research

### **Selected Presentations**

- Mundt KA, Mundt DJ, Daugherty D, Santamaria AB, Adams R. Guarding the Promise: Managing the environmental and occupational health uncertainties of nanotechnology today. nanoTX'06 Conference & Expo "The Promise of Tomorrow The Business of Nanotechnology," Dallas, TX, September 27-28, 2006.
- Dell L, Mundt KA, Luippold R, Bachand A, Nunes A, Cohen L, Burch M, Heidenreich M. Systematic validation of negative occupational cohort mortality studies. The 28<sup>th</sup> International Congress on Occupational Health (ICOH) "Renewing a century of commitment to a healthy, safe & productive working life", Milan, Italy, June 11-16, 2006.
- Mundt DJ, Mundt KA, Luippold R, Schmidt M, Farr C. Clinical epidemiological study of employees exposed to perfluorononanoic acid (PFNA). The 28<sup>th</sup> International Congress on Occupational Health (ICOH) "Renewing a century of commitment to a healthy, safe & productive working life", Milan, Italy, June 11-16, 2006.
- Birk T, Mundt KA, Adams R, Miksche L. Silica, silicosis and lung cancer - evaluation of the feasibility of an epidemiological study in the german ceramics industry. The 28<sup>th</sup> International Congress on Occupational Health (ICOH) "Renewing a century of commitment to a healthy, safe & productive working life", Milan, Italy, June 11-16, 2006.
- Mundt D, Adams R, Daugherty D, Santamaria A, Mundt KA. Managing uncertainty: Practical approaches to nanoscale materials and occupational health in small workplaces. The 28<sup>th</sup> International Congress on Occupational Health (ICOH) "Renewing a century of commitment to a healthy, safe & productive working life", Milan, Italy, June 11-16, 2006.
- Mundt D, van Wijngaarden E, Mundt KA. An assessment of the possible extent of confounding in epidemiological studies of lung cancer risk among roofers. BG Academy for Occupational Health and Safety, Health Effects of Occupational Exposure to Emissions from Asphalt/Bitumen Symposium, Dresden, Germany, June 7-8, 2006.
- Mundt DJ, Mundt KA. Nanotechnology and health: Not a second thought. Nanotechnology from Lab to Product Seminar, IGERT – Program in Nanotechnology Innovation, University of Massachusetts, Amherst, March 30, 2006.

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- Mundt KA and Dell LD. Cohort mortality study of employees in the US carbon black industry. *Particles & Cancer*, Massachusetts Institute of Technology, Biological Engineering Division, San Juan, Puerto Rico, January 10-11, 2006.
- Santamaria AB, Mundt DJ, Mundt KA. Risk assessment of nanoparticles: Issues and datagaps. American College of Toxicology Williamsburg, VA, Nov. 6-9, 2005.
- Mundt KA (Invited Theme Speaker). Nanotechnology in the workplace: Emerging ES&H issues. The Aerospace Industries Association Environmental Safety & Health Committee Fall 2005 Meeting, Redondo Beach, CA, October 12, 2005.
- Mundt DJ, Mundt KA, Adams RC, Santamaria A, Daugherty D. Health effects of Occupational exposure to nanoscale materials: Pragmatic approaches to managing occupational health uncertainty. The 2<sup>nd</sup> International Symposium on Nanotechnology and Occupational Health, National Institute for Occupational Safety and Health, Minneapolis, MN, October 3-6, 2005.
- Mundt, KA (Invited Speaker). Nanotechnology in the workplace: Occupational health safety and the environment. "Securing the Promise of Nanotechnology: Is U.S. Environmental Law Up to the Job?", sponsored by the Environmental Law Institute and the Project on Emerging Nanotechnologies, Woodrow Wilson International Center for Scholars, Washington, DC, May 25-26, 2005.
- Birk T, Mundt KA, Miksche LW, Luippold RS, Dell LD. Threshold response between urinary biomonitoring results and lung cancer among German chromate production employees. Medichem's XXXII International Congress "Toward Global Sustainable Best Practices in Chemical Safety and Health" Paris, France, September 1-3, 2004.
- Mundt DJ, Mundt KA, Smylie M, Brock WJ, Rodricks JV. Nanotechnology – a new page in an old book. Medichem's XXXII International Congress "Toward Global Sustainable Best Practices in Chemical Safety and Health" Paris, France, September 1-3, 2004.
- Birk T, Tarabcáková D, Kešeláková S, Gajdošová D, Gaidoš O, van Wijngaarden E, Mundt K. PAHs and Cancer: Planning an Epidemiological Study in the Slovak Republic. Conference X2004 "Exposure Assessment in a Changing Environment" Utrecht, The Netherlands, June 16-18, 2004 (*Tijdschrift voor toegepaste Arboretenschap* 2004;Supplement 2:67-8).
- Mundt KA (Invited Roundtable Presenter). What can epidemiology contribute to the concept of chemical hormesis? *Chemical Hormesis and Industrial Hygiene: Are we over controlling exposures?* The 2004 American Industrial Hygiene Conference & Expo, Atlanta, GA, May 10-13, 2004.
- Rodricks JV and Mundt KA. The role of science in toxic tort litigation: Lunch and Learn Seminar, hosted by ENVIRON, Atlanta, GA, May 12, 2004.
- Gajdošová D, Gaidoš O, Birk T, Mundt KA, Tarabcáková D, Lucová L, Justová Z, Kešeláková S. PAHs and Cancer: Planning an Epidemiological Study in the Slovak Republic. The 27<sup>th</sup> Workshop of Czech & Slovak Republic "Actual Problems of Genetic Toxicology" Brno, Czech Republic, May 5, 2004.

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Mundt KA and Birk T (Invited). Evaluating a new data resource for an epidemiological study of lung cancer and silicosis. EUROSIL, the European Association of Industrial Silica Producers, Expert Scoping Meeting, Florence, Italy, September 28, 2003.

van Wijngaarden E, Luippold RS, Mundt KA. Epidemiological evaluation of the threshold model for hexavalent chromium based on published epidemiological data. Non-linear Dose-response Relationships in Biology, Toxicology and Medicine, Amherst, Massachusetts, May 28-30, 2003 (Nonlinearity in Biology, Toxicology, and Medicine 2003;1(3):434-5).

Lewis R, Rempala G, Dell LD, Mundt KA. Vinyl chloride and liver and brain cancer at a polymer production plant in Louisville, Kentucky. American Occupational Health Conference, Atlanta GA, May 2-9, 2003. (Journal of Occupational and Environmental Medicine 2003;45:773)

Mundt KA, Dell LD, Luippold RS, Birk T, Gross R, Skillings A, Noess R, Austin RP. Estimating individual quantitative hexavalent chromium exposure using historical air and urine concentration data from four chromate production facilities, 1958-1998. EPICOH, Barcelona, Spain, September 11-13, 2002. (La Medicina del Lavoro 2002;93(5):422)

Sulsky S, Burch M, Mundt KA. Scientific evidence, public health policy and occupational exposure limits. EPICOH, Barcelona, Spain, September 11-13, 2002. (La Medicina del Lavoro 2002;93(5):441)

Mundt KA, Dell LD, Luippold RS, Birk T, Skillings A, Gross R, Noess R, Austin RP. Cohort mortality study of four chromate production facilities, 1958-1998. EPICOH, Barcelona, Spain, September 11-13, 2002. (La Medicina del Lavoro 2002;93(5):433)

Dell LD, Mundt KA, Luippold RS. Latency analysis of angiosarcoma of the liver deaths among men employed in the North American vinyl chloride industry. EPICOH, Barcelona, Spain, September 11-13, 2002. (La Medicina del Lavoro 2002;93(5):433-4)

Bachand AM, Mundt KA. External adjustment for confounding: Eliminating or creating bias? Annual Meeting of the Society for Epidemiologic Research, Palm Desert, California, June 18-21, 2002. (American Journal of Epidemiology 2002;155(11):S36)

Mundt KA (Panelist). Basic Research Needs Panel. International Conference on Non-Linear Dose-Response Relationships in Biology, Toxicology and Medicine, Amherst, MA, June 11-13, 2002.

Mundt KA, Calabrese EJ, Baldwin LA. The history of chemical hormesis and potential implications for modern risk assessment and epidemiology. International Conference on Non-Linear Dose-Response Relationships in Biology, Toxicology and Medicine, Amherst, MA, June 11-13, 2002.

Proctor D, Panko J, Liebig E, Paustenbach D, Luippold R, Mundt KA, et al. Mortality and dose-response assessment for lung cancer among workers exposed to airborne hexavalent chromium. The American Industrial Hygiene Association Conference, San Diego, CA, June 1-6, 2002.

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- Luippold RS, Mundt KA, Panko JM, Liebig EW, Crump C, Crump KS, Pasustenbach DJ, Proctor DM. Lung cancer mortality among workers exposed to airborne hexavalent chromium. Society of Toxicology's 41st Annual Meeting, Nashville, TN, March 17-21, 2002.
- Mundt KA (Invited). State of the art of workplace surveillance: Principles and practices. NIOSH Best Practice in Workplace Surveillance: Identification and tracking of workplace injury, illness, exposures, and hazards. Cincinnati, Ohio, November 7-9, 2001.
- Mundt KA, Calabrese EJ, Baldwin LA. The history of chemical hormesis and potential implications for modern risk assessment and epidemiology. EUROTOX 2001, Istanbul, Turkey, September 13-16, 2001. (Toxicology Letters 2001;123(S1)74-75)
- Gajdošová D, Gajdoš O, Justova Z, Lucová L, Tarabcáková D, Rimár V, Bigelow C, Erickson JB, Mundt KA. Chromosomal aberrations associated with exposure to polycyclic aromatic hydro-carbons among coke production employees. EUROTOX 2001, Istanbul, Turkey, September 13-16, 2001. (Toxicology Letters 2001;123(S1)30)
- Bigelow C, Mundt KA, Sulsky SI. Attribution of Risk and Apportionment of Disease. 2001 Congress of Epidemiology, Toronto, Canada, June 13-16, 2001. (American Journal of Epidemiology 2001;153(11):S255)
- Mundt KA, Zorn M, Pastides H, Teta MJ. Cohort Mortality Study of Union Carbide Corporation's Texas City Employees: 1941-1994. 2001 Congress of Epidemiology, Toronto, Canada, June 13-16, 2001. (American Journal of Epidemiology 2001;153(11):S251)
- Pastides H, Zorn MW, Mundt KA, Teta MJ. Update of Mortality Among Union Carbide Corporation Chemical Workers in the Kanawha Valley of West Virginia: 55 Years of Observation. 2001 Congress of Epidemiology, Toronto, Canada, June 13-16, 2001. (American Journal of Epidemiology 2001;153(11):S265)
- Mundt KA, Birk T. Tetrachlorethen und Krebs. Kritische Überprüfung und Synthese der Epidemiologischen Literatur. (Tetrachlorethylene and Cancer. Critical analysis and synthesis of the epidemiological literature.) Colloquium of the Berufsgenossenschaftliche Akademie für Arbeitssicherheit und Verwaltung, Hennef, Germany, October 23-24, 2000.
- Mundt KA (Invited). Risk assessment, risk perception and risk communication. Stress, the Business Traveler and Corporate Health: An International Travel Health Symposium, Washington, D.C., April 27-28, 2000.
- Mundt KA, Tritschler JP, Austin RA, McDonald M, Stewart J. Historical exposure assessment for a multi-center international cohort study of chromium chemical production employees. Annual Conference of the International Society for Environmental Epidemiology/International Society of Exposure Analysis, Athens, Greece, September 5-8, 1999. (Epidemiology 1999;10(4):S81)
- Dell LD, Bigelow C, Mundt KA. Assessment of urinary mercury levels among cell maintenance employees of a chlor-alkali facility. Annual Conference of the International Society for Environmental Epidemiology/International Society of Exposure Analysis, Athens, Greece, September 5-8, 1999. (Epidemiology 1999;10(4):S103)

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- Mundt KA (Keynote). Evaluating the quality of epidemiological research: The obvious, the necessary and the elusive. *Epidemiology and Occupational Risks, Sixth International Symposium of the International Section for Research, ISSA, Graz, Austria, April 22-24, 1998.*
- Bloemen L, Jackson JR, Kightlinger M, Mundt KA, Pastides H. A new proposal for a code of good epidemiological practice. *Epidemiology and Occupational Risks, Sixth International Symposium of the International Section for Research, ISSA, Graz, Austria, April 22-24, 1998.*
- Mundt KA, Tritschler JP, Dell LD. Communicating surveillance findings to employees, management and the community: What to tell, and when? *Annual Meeting of the American Public Health Association, Indianapolis, IN, November 9-13, 1997.*
- Luippold RS, Mundt KA, Demure B, Ali D, Bigelow C, Liese B. Evaluation of a VDT workstation improvement program. *Annual Meeting of the American Public Health Association, Indianapolis, IN, November 9-13, 1997.*
- Sulsky SI, Amoroso PJ, Mundt KA. Risk factors for occupational disability resulting from knee injuries in the United States Army. *National Occupational Injury Research Symposium, Morgantown, WV, October 15-17, 1997.*
- Hall R, Mundt KA, Gerber T, Nasca P. The patterns of cancer among those diagnosed with Alzheimer's Disease and other dementias. *Annual Meeting of the Society for Epidemiologic Research, Edmonton, Alberta, Canada, June 12-14, 1997. (American Journal of Epidemiology 1997;145(11):S2)*
- Dell LD, Mundt KA, Nagy L, Demure B, Liese B. Mortality among an international cohort of professional employees. *Annual Meeting of the Society for Epidemiologic Research, Edmonton, Alberta, Canada, June 12-14, 1997. (American Journal of Epidemiology 1997;145(11):S13)*
- Stricker J, Nagy L, Mundt KA, Luippold R, Liese BH, Demure B. Work factors associated with self-reported stress among international business travelers. *Fifth International Conference on Travel Medicine, Geneva, Switzerland, March 26, 1997.*
- Nagy L, Stricker J, Mundt KA, Luippold R, Liese BH, Demure B. The influence of psychosocial factors on jet-lag. *Fifth International Conference on Travel Medicine, Geneva, Switzerland, March 26, 1997.*
- Straif K, Weiland SK, Chambless L, Kraemer B, Mundt KA, Bucher AM, Birk T, Keil U. Workplace risk factors for cancer in the German rubber industry. *International Congress on Occupational Health, Stockholm, Sweden, September 15-20, 1996.*
- Straif K, Weiland SK, Chambless L, Kraemer B, Mundt KA, Birk T, Keil U. Arbeitsbereich-spezifische Krebsmortalität in einer Kohorte männlicher deutscher Kautschukarbeiter. *German Epidemiological Society annual meeting, Bonn, Germany, September 18-19, 1996.*
- Straif K, Weiland SK, Chambless L, Kraemer B, Mundt KA, Bucher AM, Birk T, Keil U. Mortality from cancer among workers in the German rubber industry by work area:

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- Results of a historical cohort study, 1981-1991. International Scientific Meeting of the International Epidemiological Association, August 27-30, 1996.
- Liese B, Mundt KA, Dell L, Nagy L, Demure B. Health insurance claims associated with international business travel. Annual Meeting of the Society for Epidemiologic Research, Boston, MA, June 12-15, 1996. (American Journal of Epidemiology 1996;143(11):S17)
- Pernarelli J, Mundt KA, Baptiste M, Nasca P. A population-based case-control study of breast cancer risk, postmenopausal estrogen replacement therapy and lactation. Annual Meeting of the Society for Epidemiologic Research, Boston, MA, June 12-15, 1996. (American Journal of Epidemiology 1996;143(11):S59)
- Pastides H, Zhang Z, Mundt KA. Investigation of an occupational cluster of Bell's Palsy. Annual Meeting of the Society for Epidemiologic Research, Boston, MA, June 12-15, 1996. (American Journal of Epidemiology 1996;143(11):S67)
- Mundt KA, Invited Speaker. Validity of epidemiological data in risk assessment applications. The State of Practice of Risk Assessment in Human Health and Environment Decision Making, Tallahassee, Fla., Dec. 13-14, 1995.
- Dell LD, Mundt KA, Noess R, Barnhart RJ. Epidemiological surveillance for small companies: A modular approach. Society for Occupational and Environmental Health 1995 Annual Conference, Advances in Medical Surveillance for Environmental and Occupational Health, Bethesda, MD, Dec 6-8, 1995.
- Mundt KA, Weiland SK, Bucher A, Birk T, Kraemer B, Person M, Keil U. Cancer mortality in German rubber industry. Annual Meeting of the Society for Epidemiologic Research, Snowbird, Utah, June 22-24, 1995. (American Journal of Epidemiology 1995;141(11):S30)
- Nagy L, Demure B, Mundt KA, Dell L, Pradel A, Liese B. An epidemiological study of World Bank travelers. Fourth International Conference on Travel Medicine, Acapulco, Mexico, April 23-27, 1995.
- Bell E, Hearne FT, Mundt KA. A cohort study of shiftworkers employed in dark environments. Annual Meeting of the Society for Epidemiologic Research, Miami, Florida, June 15-19, 1994. (American Journal of Epidemiology 1994;139(11):S67)
- Weiland S, Birk T, Mundt KA, Person M, Schumann J, Keil U. The epidemiologic study of cancer in the rubber industry in Germany. International Conference on Occupational Health in the Rubber Industry, The Netherlands, May 31-June 1, 1994.
- Birk T, Mundt KA, Schumann J, Person M, Weiland S, Keil U. Cost-center accounting codes ("kostenstellen") as exposure indicators in an epidemiological study of the German rubber industry. Conference on Retrospective Assessment of Occupational Exposures in Epidemiology, International Agency for Research on Cancer, Lyon, France, April 13-15, 1994.

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- Mundt KA. Occupational surveillance: Concepts and goals. Second National Conference on Occupational Surveillance, University of Massachusetts, Amherst, MA, March 9-11, 1993.
- Mundt KA. Occupational surveillance as a strategy for policy development and disease prevention. Design and Analysis Workshop, Second National Conference on Occupational Surveillance, University of Massachusetts, Amherst, MA, March 9-11, 1993.
- Mundt KA and Weiland S. The association of asthmatic and allergic disorders with traffic density on street of residence. Annual Meeting of the International Societies for Environmental Epidemiology and of Exposure Analysis, Cuernavaca, Morelos, Mexico, August 26-29, 1992.
- Pastides H, Austin R, Mundt KA. Retrospective estimation of exposure in occupational cohort studies: A methodological case study of hexavalent chromium. Annual meeting of the International Societies for Environmental Epidemiology and of Exposure Analysis, Cuernavaca, Morelos, Mexico, August 26-29, 1992.
- Pastides H and Mundt KA. Epidemiological occupational surveillance. Surveillance in Europe and the EEC Conference, Devonshire Park Centre, Eastbourne, Sussex, United Kingdom, July 1-3, 1992.
- Mundt KA, Invited Speaker. Occupational surveillance as a strategy for policy development and disease prevention. Protecting Workers, the Environment and Health in a Market Economy: Translating Science into Policy and Action. The United States-Central and Eastern Europe Exchange for Occupational and Environmental Health, Third Annual Symposium, Pultusk, Poland, June 26 - July 1, 1992.
- Pastides H, Austin R, Lemeshow S, Klar J, Noess R, and Mundt KA. A retrospective cohort study of health risks among chromate production workers. Annual Meeting of the Society for Epidemiologic Research, Minneapolis, MN, June 10-12, 1992. (American Journal of Epidemiology 1992;136(8):1001)
- Weissman L and Mundt KA. Prevalence of immediate hypersensitivity in Black women: A re-evaluation of skin prick test data from the Second National Health and Nutrition Examination Survey (NHANES II) and comparison with an occupational study. Annual Meeting of the Society for Epidemiologic Research, Minneapolis, MN, June 10-12, 1992. (American Journal of Epidemiology 1992;136(8):1006)
- Mundt KA, Leeser J, Adams R. Establishing a mercury biological exposure index (BEI). American Conference of Governmental Industrial Hygienists (ACGIH) BEI and Threshold limit value (TLV) Committees, Orlando, Fla., March 21-22, 1992.
- Mundt KA. Approach to occupational epidemiology. Annual Scientific Meeting of the Industrial Health Foundation, Inc., Pittsburgh, PA, November 6-7, 1991.
- Pastides H and Mundt KA. Establishing and maintaining an effective occupational epidemiology program. Chemical Manufacturers Association Annual Meeting, Washington, D.C., March 12, 1991.

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Mundt KA and Shy C. Occupational asthma and the "Healthy Worker Effect" among women employed in the seafood processing industry. Annual Meeting of the Society for Epidemiologic Research, Snowbird, Utah, June 12-15, 1990. (*American Journal of Epidemiology* 1990;132(4):761)

Mundt KA and Heiss G. Measuring ankle systolic blood pressure: Interaction between ankle geometry and method of applying blood pressure cuff. National Heart, Lung and Blood Institute Seminar, Bethesda, MD, Nov. 3, 1987.

### **Selected Publications**

#### **Publications in Peer-Reviewed Journals**

Mundt KA. Cancer risk in the semiconductor industry: responding to the call for action. *Occupational and Environmental Medicine* 2007;64(1):5-6.

Dell LD, Mundt KA, Luippold RS, Nunes AP, Cohen L, Burch MT, Heidenreich MJ, Bachand AM. A cohort mortality study of employees in the United States carbon black industry. *Journal of Occupational and Environmental Medicine* 2006;48(12):1219-29.

Mundt KA. 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.

Birk T, Mundt KA, Dell LD, Luippold RS, Miksche L, Steinmann-Steiner-Haldenstaett, Mundt DJ. Lung cancer mortality in the German chromate industry, 1958-1998. *Journal of Occupational and Environmental Medicine* 2006;48(4):426-433.

Mundt KA. Statistical challenges in evaluating dose-response using epidemiological data. *Dose-Response (formally Nonlinearity in Biology, Toxicology and Medicine)* 2005;3:453-455.

Mundt KA, Luippold R, Dell, L, Birk T. Hexavalent chromium study's conclusions unjustified. Letters to the Editor. *Journal of Occupational and Environmental Medicine* 2005;47(10):981.

Boffetta P, Mundt KA, Dell LD. 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.

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

van Wijngaarden E, Mundt KA, Luippold RS. 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.

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