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Professional Profile

Dr. Roberts is board certified by the American Board of Preventive Medicine in Occupational and Environmental Medicine. He is a Fellow of the American College of Occupational and Environmental Medicine.

Dr. Roberts' has a wide range of experiences in clinical occupational and environmental medicine, as well as epidemiological studies of health complaints in communities and industrial settings. Dr. Roberts' corporate experience includes management of global health issues, clinical services, product liability issues, medical surveillance, fatality investigations, and health benefit plan consultations. His experience in the health, safety, and health benefits arena are especially significant given the rising costs associated with employee benefits and the importance of productivity issues in the workplace.

Dr. Roberts' professional training and experience covers a broad spectrum from public health to corporate medicine. His 17 years of experience in the Oklahoma State Department of Health brings practical public health expertise involving infectious disease and environmental health issues. From 1990 to 1998, he was Assistant/Associate Professor at the Medical College of Wisconsin's Department of Preventive Medicine. While there, he taught courses in the MPH Distant Learning Program and provided onsite support to Milwaukee based companies (Miller Brewery, Aldridge Chemical, Wisconsin Centrifugal, and Harley Davidson). From 1998 to 2003, he was the Associate Corporate Medical Director and was promoted to Corporate Medical Director of BP. He has also served on the Agency for Toxic Disease Registry (ATSDR) Board of Scientific Advisors. He has directed large-scale communication efforts relative to public health issues as well as worked with corporations to communicate health risks of products and manufacturing processes. Dr. Roberts has extensive experience in dealing with the public, both in public meeting forum as well as interviews with the media (radio, TV and newspapers).

Academic Credentials & Professional Honors

M.D., Medicine, University of Oklahoma, 1986

Ph.D., Biostatistics and Epidemiology, University of Oklahoma, 1979

M.P.H., Biostatistics and Epidemiology, University of Oklahoma, 1974

M.Ed., Student Personnel Services, University of Oklahoma, 1972

B.S., Zoology, University of Oklahoma, 1971

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Prior Experience

Corporate and Associate Corporate Medical Director and Regional Medical Advisor for North America, BP, Inc., London UK, 1998-2003

Associate Corporate Medical Director, Amoco Corporation, 1997-1998

Medical Director, Medical College of Wisconsin, Occupational Health Clinic, 1996-1997

Associate Professor, Medical College of Wisconsin, Department of Preventive Medicine, 1996-1997

Medical Consultant, Rowan & Blewitt, Inc., 1995-1997

Acting Chairman, Assistant Professor, Residency Programs Director, Assistant Professor; Medical College of Wisconsin, Department of Preventive Medicine, 1994-1997

Medical Director, Employee Health Services, Miller Brewery, Aldrich Chemicals, St. Mary's Hospital and Wisconsin Bell,1991-1997

Medical/Environmental Epidemiologist, Consultant Environmental Epidemiologist, State Epidemiologist, and Staff Positions; Oklahoma State Department of Health, 1972-1990

Professional Affiliations

Fellow of the American College of Occupational and Environmental Medicine

American Board of Preventive Medicine, Occupational Medicine, 1991–present

Publications

Clarke CC, Roberts MA. Epidemiology Basics. In: Walsh DM, Tarry SL, eds. Infectious Disease Litigation: Science, Law, and Procedure. American Bar Association. Chicago. 2021: 21-49.

Clarke C, Mowat F, Kelsh, M, Roberts M. Pleural plaques: A review of diagnostic issues and possible non-asbestos factors. Archives of Environmental and Occupational Health 2006; 61:4.

Roberts MA. Invited Article, Wisconsin Public Health Association Newsletter, Milwaukee, WI, March 1994.

Roberts MA, O'Brien M. Public health and the environment: Where do we go from here? Invited Article, Wisconsin Public Health Association Newsletter, Milwaukee, Wisconsin, March 1994.

Felsenfeld A, Roberts M. A report of fluorosis in the United States secondary to drinking well water. JAMA 1991; 265(4):486-488.

Tacket C, Barrett T, Mann J, Roberts M, Blake P. Wound infection caused by Vulnificus, a marine vibrio, in inland areas of the United States. J Clin Microbiol 1984; 19:97-99.

Morton D, Saah A, Silberg S, Owens W, Roberts M. Lead absorption among children of employees in a lead related industry. Am J Epidemiol 1982; 115(4):549-555.

Vernon A, Thacker S, Roberts M, Mallonee J, Beauchamp H. Rabies in Oklahoma: An epidemiologic view of the problem in animals. J Okla State Med Assoc 1982; 76(8):293-299.

Helmick C, Vernon A, Schwartz S, Ward M, Roberts M. Rabies in Oklahoma: Report of a human case. J Okla State Med Assoc 1982; 76(8):287-292.

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Bernard K, Roberts M, Sumner J, Winkler G, Mallonee J, Baer G, Chaney R. Human diploid cell rabies vaccine. JAMA 1981; 247(8):1138-1142.

Saah A, Mallonee J, Tarpay M, Thornsberry C, Roberts M, Rhoades E. Relative resistance to Penicillin in Pneumococcus: A prevalence and control study. JAMA 1980; 243(18):1824-1827.

Book Chapters

Hudson TW, Roberts MA. Corporate response to terrorism. 2(2):389-404. In: Clinics in Occupational and Environmental Medicine, Terrorism: Biological, Chemical and Nuclear, 2003.

Roberts MA. Role of aviation in the transmission of disease. 33:1003-1015. In: Fundamentals of Aerospace Medicine, Second Edition, 1996.

Presentations

Roberts MA. Emerging health issues in welding. Chicago Section AIHA and Northeastern IL Chapter of ASSE, Palatine, IL, November 16, 2005.

Roberts MA. What's the next deep pocket mass tort to hit the automotive industry? Product Liability-Hot Topics Seminar for Defense Counsel, Troy, MI, September 14, 2005.

Roberts MA. Diagnosing and proving manganese exposure. ACI Second National Forum on Welding Rod Litigation, Chicago, IL, June 20, 2005.

Roberts MA. Welding rod litigation: A primer on the legal and medical/science issues. DRI Telephone Conference, Chicago, IL, March 8, 2005.

Roberts MA. Epidemiological issues in welding fume exposure. Mealey's Welding Rod Litigation Conference, New Orleans, LA, November 15, 2004.

Roberts MA. Diagnosing and proving manganese exposure. Mealey's Welding Rod Litigation Conference, West Palm Beach, FL, October 8, 2004.

Roberts MA. Silica: Complex made simple. Ohio Association of Civil Trial Attorneys Asbestos & Silica Litigation Conference, Cleveland, OH, September 29, 2004.

Roberts MA. epidemiological issues in welding fume exposure. Harris Martin Welding Rods Conference, San Francisco, CA, June 16, 2004.

Roberts MA. Basic safety and health for occupational health practitioners. Veterans Affairs Medical Center, Little Rock, AR, September 12, 1997.

Roberts MA. Summer and vacation safety. Milwaukee Area Safety Council, Milwaukee, WI, May 2, 1997.

Roberts MA. Indoor Air complaint evaluations: An update. Central States Occupational Medicine Association, Milwaukee, WI, September 28, 1996.

Roberts MA. Health problems associated with pesticide contaminated well water. Conference on Common Rural and Agricultural Health Problems, sponsored by the Marshfield Clinic, Madison, WI, May 9, 1996.

Roberts MA. Multiple chemical sensitivity. Wisconsin State Association of Occupational Health Nurses,

8th Annual Meeting, Invited Speaker, Egg Harbor, WI, October 4, 1995.

Roberts MA. Psychological factors in occupational medicine and rehabilitation. Milwaukee Psychiatric Hospital, Invited Speaker, Contemporary Issues in Mental Health and Addiction Medicine, Milwaukee, WI, September 6, 1995.

Roberts MA. The clinical importance of sick building syndrome. University of Oklahoma College of Medicine, Department of Family Medicine, Grand Rounds, Oklahoma City, Oklahoma, August 24, 1995.

Roberts MA. Bloodborne pathogens: The standard and its implementation. Milwaukee Area Medical Directors' Association, Milwaukee, WI, May 18, 1995.

Roberts MA. Plugging occupational and environmental concepts into medical schools. ACOEM Session #137, Integrating Environmental Health into Medical School Curricula, Las Vegas, NV, April 28-May 5, 1995.

Roberts MA. Update on the clinical and epidemiological aspects of indoor air complaints. Indoor Air Quality Seminar, Madison, WI, January 19, 1995.

Roberts MA. ADA issues in the hospital setting. St. Mary's Hospital Administrative Staff, Milwaukee, WI, January 11, 1995.

Roberts MA. Occupational health: Resolve to reform. Keynote Address, Southeastern Wisconsin Association of Occupational Nurses Annual Meeting, Milwaukee, WI, May 11, 1994.

Roberts MA. Biological monitoring from the industrial viewpoint. American Occupational Health Conference, Chicago, IL, April 15-22, 1994.

Roberts MA. Biological monitoring. Session Moderator, American Occupational Health Conference, Chicago, IL, April 15-22, 1994.

Roberts MA. Sick Building Syndrome: fact or fantasy? Milwaukee Area Medical Directors' Association, Milwaukee, WI, January 23, 1994.

Roberts MA. Occupational medicine in the hospital setting. Medical Grand Rounds Williamsport Hospital and Medical Center, Invited Speaker, Williamsport, PA, April 16, 1993.

Roberts MA. Community TB control: The good, the bad and the ugly. American Lung Associations' Conference, TB in the ‘90s: An Aberration or an Epidemic? Invited Speaker, Madison, WI, October 16, 1992.

Roberts MA. Effects of the Americans with Disability Act on industry. Wisconsin State Association of Occupational Health Nurses, 6th Annual Meeting, Invited Speaker, LaCrosse, WI, October 8, 1992.

Roberts MA. Business partnership opportunities in occupational and environmental medicine. Discussion Leader, Governor's Forum on Technological Transfer and Business Partnerships, Milwaukee, WI, September 24, 1992.

Roberts MA. Trials and tribulations of occupational medicine in primary care. Family Health Plan's 8th Annual Family Practice Symposium, Invited Speaker, Milwaukee, WI, August 5, 1992.

Roberts MA. Health and safety in the health care workplace. Krukowski and Costello, S.C., Guest Speaker, Oconomowoc, WI, June 6, 1992.

Roberts MA. Strategic planning for the Americans with Disabilities Act. Hospital Council of Greater Milwaukee Area, Co-Director, March 31, 1992.

Roberts MA. Workplace standards applied to the non-workplace population. American College of Occupational Medicine, State of the Art Conference, St. Louis, MO, October 31, 1991.

Roberts MA. Social, political and legal aspects of environmental health. American College of Occupational Medicine, State of the Art Conference, Seminar Director, St. Louis, MO, October 28, 1991.

Roberts MA. Risk communication: challenge of today's society. Oklahoma Public Health Association Annual Meeting, Tulsa, OK, April 4, 1991.

Roberts MA. Drug testing in the workplace. 21st Annual Winter Refresher Course for Family Physicians, Milwaukee, WI, January 21, 1991.

Roberts MA. Environmental medicine: Fact or fantasy. Oklahoma College of Occupational Medicine, 15th Annual Fall Educational Meeting, Edmond, OK, November 2-3, 1990.

Roberts MA. Environmental epidemiology in relation to occupational medicine. Midwestern Medical Director's Association Insurance Medicine, Wausau, WA, October 26, 1990.

Roberts MA. Putting environmental health back in public health. South Carolina Public Health Association Annual Meeting, Myrtle Beach, SAC, May 24, 1990.

Roberts MA. Board certification in occupational medicine. Industrial Epidemiology Forum, Salt Lake City, UT, May 1990.

Roberts MA. Occupational health team members and resources. Practical Approaches to Occupational Medicine, Oklahoma City, OK, March 3, 1990.

Roberts MA. Environmental aspects of economic development: realities vs. perceptions. Leadership Oklahoma 1990, Ponca City, OK, March 2, 1990.

Roberts MA. Balancing public health and environmental health. Oklahoma Society of Professional Sanitarians, Oklahoma City, OK, October 12, 1989.

Roberts MA. Issues and decisions in environmental health. University of Oklahoma Academy of Retired Professors, Norman, OK, September 26, 1989.

Roberts MA. Indoor air pollution—Update. University of Tulsa Division of Continuing Education and the Center for Environmental Research and Technology, Oklahoma City, OK, May 8-9, 1989.

Roberts MA. On the other side of the fence. 74th Meeting, American Occupational Health Conference, Boston, MA, April 29-May 5, 1989.

Roberts MA. Occupational health and epidemiology. University of Oklahoma, College of Public Health, Alumni Day, Oklahoma City, OK, 1989.

Roberts MA. A Human rabies case in Oklahoma. 32nd Annual Southwest Conference on Diseases in Nature Transmissible to Man, Austin, TX, March 25-26, 1982.

Roberts MA. A serosurvey of Brucella canis antibody titers in dogs and their owners. 30th Annual Southwest Conference on Diseases in Nature Transmissible to Man, Temple, TX, March 27-28, 1980.

Roberts MA. Foodborne illness incidence and investigation. National Society of Professional Sanitarians' Annual Meeting, Springfield, MO, November 1-3, 1979.

Roberts MA. Geographical and ecological distribution of Rocky Mountain Spotted Fever in Oklahoma.

27th Annual Southwest Conference on Diseases in Nature Transmissible to Man, Austin, TX, March 10-11, 1977.

Roberts MA. Preliminary report on a statewide rabies pre-exposure Prophylaxis Program. The International Northwestern Conference on Diseases in Nature Communicable to Man, Boise, ID, August 12-14, 1974.

Posters

Lindeman J, Roberts M, Simpson D. The Educator's Portfolio: Beta testing of the computerized version. Electronic Poster Session, 28th Annual STFM Spring Conference, New Orleans, LA, 1995.

Roberts MA, Lindemann J, Simpson D, Tyborski M. Results of beta testing of the computerized version of the Educator's Portfolio. 33rd Annual Research in Medical Education Conference, Association of American Medical Colleges, Boston, MA, October 30-November 1, 1994.

Roberts MM, Parks TJ, Wertsch JJ, Roberts MA. Ulnar sensory responses in the elderly. American Academy of Electromyography, Annual Scientific Meeting, San Francisco, CA, September 30-October 1, 1994.

Roberts MM, Parks TJ, Wertsch JJ, Roberts MA. Median, ulnar, and radial sensory responses in the elderly. American Academy of Electromyography, Annual Scientific Meeting, San Francisco, CA, September 30-October 1, 1994.

Roberts MA, Lindemann J, Simpson D, Tyborski M. Computerization of the Educator's Portfolio. Central Group on Educational Affairs, Innovations in Medical Education, Central Region Research in Medical Education, Chicago, IL, April 22, 1994.

Roberts MA. TOMES/CCIS computerized information systems. Health Information Technology Symposium, Medical College of Wisconsin, Milwaukee, WI, November 8, 1990.

Abstracts

Hegmann KT, Greaves WW, Moore SJ, Roberts MA. Case-control study of respiratory and reproductive symptoms at an automobile parts manufacturing facility. Society for Epidemiological Research, Miami Beach, FL, June 15-18, 1994.

Reports/Surveys/Projects

Roberts MA, Kitscha D. Evaluation of indoor air quality in a public school setting: A case control study. Kenosha, WI, October 1996.

Roberts MA, Kitscha D. Evaluation of Respiratory complaints associated with metal milling processes. Milwaukee, WI, August 1996.

Fischer LJ, Bolger PM, Calson GP, Jacobson JL, Knuth BA, Radike MJ, Roberts MA, Thomas PT, Wallace KB, Harrison KG. Critical review of a proposed uniform Great Lakes Fish Advisory Protocol. Michigan Environmental Science Board, Lansing, MI, September 1995.

Roberts MA, Cohen S. Utility of health surveillance in a petroleum refinery employee cohort, Milwaukee, WI, April 1994.

Roberts MA, Cohen S. Cancer mortality studies of a petroleum refinery employee cohort. Milwaukee, WI, January 1994.

Roberts MA, Kitscha D, Blessinger J. Cohort Mortality study update of employees at the Velsicol Chattanooga Plant 1943-1992. Milwaukee, WI, 1994.

Roberts MA. Investigation of suspected building associated Illness in a public school building. Milwaukee, WI, December 1993.

Roberts MA. Medical waste disposal in the state of Wisconsin: A report of the special committee on medical waste disposal. Report to the Wisconsin Legislature, PUBL-AM-068-91, Madison, WI, October 23, 1991.

Greaves WW, Roberts MA, Moore SJ. Investigation of employee health. Modine Manufacturing Company, Emporia, KS, November 1990.

Roberts, MA, Walker F. Cancer cluster investigation in Ponca City Oklahoma. Oklahoma State Department of Health, Oklahoma City, OK, 1988.