

Dr. Alexander is an assistant professor in the Division of Environmental and Occupational Health in the School of Public Health at the University of Minnesota. Dr. Alexander holds a Ph.D. in Epidemiology from the University of Washington, and an M.S. and B.S. in Environmental Health from Colorado State University.

Dr. Alexander's research and teaching interests are in the area of environmental and occupational epidemiology. He teaches graduate level courses in occupational and environmental epidemiology for which he received a faculty excellence award in 2002. Dr. Alexander's research has explored environmental and occupational determinants of reproductive health, injury, cancer, and the use of biological markers in epidemiological research. He is currently conducting research involving biomonitoring of pesticide exposures in farm families, occupational ionizing radiation exposure and cancer, health effects of occupational exposure to fluorochemicals, molecular and environmental determinants of prostate cancer, methods for reconstructing historical occupational exposures, and agriculture related injuries in farm families. He is also involved with global health issues, including the development of epidemiology and public health capacity with the National Center for Disease Control in the Republic of Georgia, and environmental causes of lung disease in women and children in India. Dr. Alexander is a member of the Society for Epidemiologic Research and the International Society of Environmental Epidemiology. He is a reviewer for several journals including American Journal of Epidemiology, Epidemiology, American Journal of Industrial Medicine, Occupational and Environmental Medicine, Environmental Health Perspectives, and the Scandinavian Journal of Environmental and Occupational Health.

Before joining the faculty at the University of Minnesota, Dr. Alexander was a research scientist at the University of Washington where he collaborated with researchers at the Pacific Northwest Agriculture Safety and Health Center.