



Mark M. Methner, Ph.D., CIH

Dr. Mark M. Methner is the Team Leader of the Field Research Team, NIOSH Nanotechnology Research Center. He is a commissioned officer who currently holds the rank of Commander, within the United States Public Health Service and has more than 20 years of Industrial Hygiene practice experience. Dr. Methner earned an A.S. in Biology from Middlesex County College, a B.S. in Marine Biology from Stockton State College, a M.S. in Environmental Sciences from Rutgers University and a Ph.D. in Environmental Sciences/Industrial Hygiene, also from Rutgers University. He is a Certified Industrial Hygienist (Comprehensive Practice) as designated by the American Board of Industrial Hygiene. Dr. Methner currently manages the NIOSH nanotechnology field research team that is tasked with conducting on-site assessments using a variety of air sampling instrumentation to characterize exposures, evaluate controls, and develop best practices. Dr. Methner has developed and field tested a sampling technique (Nanomaterial Emission Assessment Technique [NEAT]) to determine emissions from nanotechnology processes. In addition, Dr. Methner continues to contribute to the development of the NIOSH document “Approaches to Safe Nanotechnology”. Dr. Methner is the author/co-author of more than 28 peer-reviewed scientific journal articles, more than 65 technical publications, and numerous presentations, including hands-on demonstrations of the NEAT. Dr. Methner’s research interests include: development of nanomaterial exposure monitoring methods, evaluating the effectiveness of ventilation and other engineering controls to reduce/eliminate exposure to nanomaterials, development of safe and effective work practices when handling nanomaterials, and assessing the hazards and risks associated with new technologies.

Contact Information:

CDR Mark M. Methner, Ph.D., CIH
Team Leader
Nanotechnology Field Research Team
National Institute for Occupational Safety & Health
Centers for Disease Control and Prevention
4676 Columbia Parkway, R-11

Cincinnati, OH 45226
Voice: 513-841-4325
Email: mmm5@cdc.gov