

Chester C. Clarke, M.D., M.P.H.
Managing Scientist

Professional Profile

Dr. Chester Clarke is a Managing Scientist in Exponent's Health Sciences Center for Occupational and Environmental Health. He is a licensed physician, board certified by the American Board of Preventive Medicine in Public Health/General Preventive Medicine. His areas of expertise include biological and chemical terrorism, health effects of indoor mold exposure, epidemiology, occupational health, international health, and infectious diseases.

Dr. Clarke's clinical experience includes 15 years in a variety of settings ranging from Indian Health Service clinics in Barrow, Alaska, and Pine Ridge, South Dakota, to inner city clinics in Chicago and Baltimore. His clinical experience includes work in both Occupational Medicine and Family Medicine. Prior to receiving his training in Preventive Medicine at Johns Hopkins University, he worked for the Family Medicine Department of the Johns Hopkins Medical Service Corporation gaining experience in rural, suburban, and urban medicine.

Before entering the field of medicine, Dr. Clarke worked for the State of Illinois, Department of Mental Health, at the Institute for Juvenile Research in Chicago, where he designed and conducted research projects as well as performed and interpreted complex statistical procedures. During his residency in Preventive Medicine, Dr. Clarke worked at the Center for Civilian Biodefense at Johns Hopkins. He also continued to gain experience in occupational medicine working with the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM).

In November 2001, Dr. Clarke completed the United States Army's course in the medical management of biological and chemical casualties given at the army's chemical weapons defense research facility (USAMRICD) in Edgewood, Maryland and the U.S. Army's biological weapons defense research facility (USAMRID) at Fort Detrick, Maryland. Dr. Clarke is an Advanced Disaster Life Support (ADLS) instructor and represents the American College of Preventive Medicine in the National Disaster Life Support Education Consortium. He is also a member of the Maryland State Volunteer Physician's Corps and is a physician volunteer with the Missionaries of Charity at an AIDS hospice in Baltimore.

Academic Credentials and Professional Honors

M.P.H., Johns Hopkins University, 2000
M.D., University of Chicago, Pritzker School of Medicine, 1983
M.A., Educational Psychology, University of Chicago, 1973
B.A., Sociology, Drew University (*cum laude*), 1972

Internship in General Surgery, University of Chicago Hospitals and Clinics (1984)
Residency in Preventive Medicine, Johns Hopkins University School of Public Health (2001)

Licenses and Certifications

Certified, American Board of Preventive Medicine
Licensed, State of Maryland Medical Board

Languages

German

Publications

Clarke CC, Mowat FS, Kelsh MA, Roberts MA. Pleural plaques: a review of diagnostic issues and possible nonasbestos factors. *Archives Environ Occup Health* 2006; 61(4):183–192.

Goodman M, LaVerda N, Clarke C, Iannuzzi J, Foster ED, Mandel J. Neurobehavioral testing in workers occupationally exposed to lead: systematic review and meta-analysis of the published literature. *Occup Environ Med* 2002; 59:217–223.

Lessing EE, Clarke CC. Reliability and validity of IJR behavior checklist scores: Number vs. pathology level of symptoms. *J Abnor Child Psych* 1982; 10(3):337–362.

Lessing EE, Clarke CC, Gray-Shellberg L. Black power ideology-rhetoric and reality in a student sample. *Int J Intercult Relations* 1981; 5:71–94.

Lessing EE, Clarke CC. Scaling clinical judgments of symptom pathology by means of the psychophysiological method of magnitude estimation. *J Abnor Child Psych* 1980; 8(3):351–376.

Lessing EE, Clarke CC. An attempt to reduce ethnic prejudice and its correlates in a junior high school sample. *Educat Res Quarterly Summer* 1976; 1(2).

Presentations and Non-Peer Reviewed Articles

Gavelli F, Clarke, CC. Fire and toxicology aspects of polyurethane foam. Presented at the Technical Forum of the Polyurethane Foam Association, Washington, DC, May 2005.

Clarke CC. Food and terrorism: Terror at the table. Presented at the American Occupational Health Conference of the American College of Occupational and Environmental Medicine, Washington, D.C., May 2005.

Clarke CC. Facts about Tularemia. *Biodefense Quarterly* 2001; 3:3.

Clarke CC, Ball R, Braun M. Characteristics of VAERS reports for Lyme Vaccine in people with DR4 HLA type. Presented at the monthly joint meeting of the NIH and FDA vaccine safety committee, Rockville, MD, December 2000.

Professional Affiliations

- American College of Occupational and Environmental Medicine
- American College of Preventive Medicine—representative to the National Disaster Life Support Education Consortium
- American Society of Tropical Medicine and Hygiene