

Charles M. Yarborough, MD, MPH, FACOEM, FACPM

Resume

Employment History

2007-2014 Lead Medical Director, Lockheed Martin Corp., Bethesda, MD
2003-2006 Senior Managing Scientist, Exponent, Inc., New York City
2001-2007 Chief Physician, Veterans Administration Health Care System (part-time), New Jersey
1986-2003 Medical directorships for Exxon, Caterpillar, BASF
1979-1986 Solo private practice physician, Houston

Education

1973 B.S. (Chemistry) University of Alabama, Birmingham, AL
1976 M.D. University of Alabama School of Medicine, Birmingham, AL
1992 M.P.H. Medical College of Wisconsin, Milwaukee, WI

Postgraduate Training

1976-1979 Internship and Residency in Internal Medicine, University of Texas Health Science Center at Houston
1987-1988 Occupational Medicine, Department of Environmental Health, University of Cincinnati College of Medicine
1991 Occupational and Environmental Radiation Protection, Harvard School of Public Health

Board Certifications

Internal Medicine (1979 – current)
Preventive Medicine in Occupational Medicine (1993 – current)

Current Active Medical Licenses

States of Maryland, New York, Texas, New Jersey, Alabama

Clinical and Academic Appointments

Current

- Active medical staff, Department of Medicine, Johns Hopkins Medicine, Suburban Hospital, Bethesda, MD (2011 – present)
- Associate, Department of Health Behavior and Society, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD (2009 - present)
- Physician (part-time volunteer), Mercy Health Center, Gaithersburg, MD (2012 – present)

Past

- Chief Physician, Ambulatory Care, New Jersey Veterans Administration Health Care System, New Jersey (2001 – 2007)
- Associate Medical Staff, Section of Internal Medicine, Department of Medicine, The Medical Center at Princeton, Princeton, NJ (1999 – 2007)
- Clinical Assistant Professor, Department of Medicine, University of Illinois at Chicago College of Medicine (1997 – 1999)
- Occupational Medicine Staff, Department of Internal Medicine, Morristown Memorial Hospital, Morristown, NJ (a major teaching affiliate of The Columbia University College of Physicians and Surgeons) (1991 – 1996)

- Clinical Assistant Professor, Department of Family Practice and Community Medicine, and Clinical Instructor, Department of Internal Medicine, University of Texas, Health Science Center, Houston, TX (1988 – 1990)
- Visiting Professor, Medicine, Aga Khan University Hospital, Karachi, Pakistan (1988)

Professional Affiliations

American College of Preventive Medicine (Fellow)
 American College of Occupational and Environmental Medicine (Fellow)
 Society for Epidemiologic Research (Member)
 American College of Physician Executives (Member)
 American Industrial Hygiene Association (Member)
 American Medical Association (Member)

Professional Honors and Awards

- Member, Board of Directors, American College of Occupational and Environmental Medicine (ACOEM), elected for 3 terms (2008 – 2016)
- Contributor to the first United Nations High-Level Meeting on Non-Communicable Disease involving Heads of State, held in September 2011
- ACOEM 2005 Appreciation Award for Chairmanship of Steering Committee of the Corporate Health Achievement Award (CHAA), 1999–2005
- National Public Health Honors Society, Delta Omega, elected in 2003
- ACOEM President’s Award of ACOEM, 1997
- Invited panelist to the International Congress on Occupational Health, Stockholm, Sweden, 1996
- Diagnostician, U.S. Air Force “Ranch Hand” Health Study, 1982 – 1983

Advisory Positions

- Member, Occupational and Environmental Medicine Residency Advisory Committee, Johns Hopkins University School of Medicine, Baltimore, MD (2007 – present)
- Reviewer for American Journal of Epidemiology; American Journal of Managed Care; Journal of Occupational and Environmental Medicine; Cancer Detection and Prevention; Health Physics
- Honorary Chairman, International Corporate Health Leadership Council, a 501(c)(6) non-profit corporation (2012 – present). See www.ichlc.org
- Judge, Global Leadership in Corporate Health Award, National Business Group on Health (2010 – present)
- Member, Public Affairs Council and Strategy Committee, ACOEM (2012 – present)
- Governor-appointed Member, Operating Models and Insurance Rules Committee, Maryland Health Insurance Exchange Board (2011 – 2012) <http://dhmh.maryland.gov/healthreform/exchange/AdvComm/model-ins.html>
- Voting Member, AMA Physicians’ Consortium on Quality Improvement® representing the American College of Occupational and Environmental Medicine (2007 – present)
- Client Advisory Panel, Truven Healthcare (2011 – 2014)
- Client Advisory Panel, ExpressScripts Inc. (2011 – 2014)
- Aetna Customer Collaborative member (2010 –2014)
- Trustee, the Occupational and Environmental Health Foundation (2005 – 2008)
- Member, Physician Panel, Energy Employees Occupational Illness Compensation Program, U.S. Department of Energy/Labor and the National Institute for Occupational Safety and Health (2003 – 2012)

- Delegate for New York Occupational and Environmental Medical Association, House of Delegates, American College of Occupational and Environmental Medicine (2005 – 2006)
- Member, Children’s Health Protection Advisory Committee, Office of Children’s Health Protection, U.S. Environmental Protection Agency (September 2003 –September 2007)
- Member, Executive Committee of the New York Occupational and Environmental Medical Association, Inc. (2004 – 2006)
- Panelist, National Review Board, Pesticide Information Gateway for the National Strategies for Health Care Providers: Pesticides Initiative, National Environmental Education & Training Foundation in collaboration with U.S. Department of Health and Human Services, the U.S. Department of Agriculture, and the U.S. Department of Labor (2004)
- Representative of the American College of Occupational and Environmental Medicine for Drug-Free Workplace Conference, U.S. Department of Labor, Washington, DC (July 2003)
- Industry Contributor, Forum for National Strategies for Health Care Providers: Pesticide Initiative— The National Environmental Education and Training Foundation, Washington, DC (June 2003)
- Invited Participant, Best Practices of Award Winners. Workshop on Best Practices in Workplace Surveillance, sponsored by the National Institute for Occupational Safety and Health (NIOSH) and National Occupational Research Agency (NORA), Cincinnati, OH (November 2001)
- Contributor, Medical College of Wisconsin, MPH Degree Programs, Council on Education for Public Health (1998)
 - Discussant, Diesel Epidemiology Project, Health Effects Institute, Cambridge, MA 1997 – 1999
- Reviewer, National Awards Program, American College of Physician Executives (1996)
- Board member, American Cancer Society, Baytown, TX (1988 – 1990)
- Board member, Bay Area Rehabilitation Center, Baytown, TX (1987 – 1990)
- Clinical Investigator, Smith-Kline and Ayerst Clinical Studies (1983 – 1985)
- Chair, Professional Advisory Committee, AMI Home Care Plus (1981 – 1982)
- Diagnostician in study of Lathrop G, et al. The Air Force Health Study. An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. First Follow-up Examination Results. Final Report. *USAF School of Aerospace Medicine* (NTIS AD A 188 262), 1987 Air Force Health Study, NTIS document no. AD A 188 262

Peer-reviewed Publications

- Fabius R, Thayer RD, Fikry F, Yarborough CM, Peterson KL, Loeppke R. The link between workforce health and safety and the health of the bottom line: Tracking market performance of companies that nurture a ‘culture of health’. *J Occup Environ Med* 2013; 55(9):993-1000.
- Beckowski MS, Goyel A, Goetzl RZ, Rinehart CL, Darling KJ, Yarborough CM. Developing alternative methods for determining the incidence, prevalence and cost burden of coronary heart disease in a corporate population. *J Occup Environ Med* 2012; 54(8):1026-38.
- McLellan RK, Sherman B, Loeppke RR, McKenzie J, Mueller KL, Yarborough CM, Grundy P, Allen H, Larson PW. Optimizing health care delivery by integrating workplaces, homes, and communities: how occupational and environmental medicine can serve as a vital connecting link between accountable care organizations and the patient-centered medical home. *J Occup Environ Med* 2012; 54(4):504-512.
- Hymel PA, Loeppke RR, Baase CM, Burton WN, Hartenbaum NP, Hudson TW, McLellan RK, Mueller KL, Roberts MA, Yarborough CM, Konicki DL, Larson PW. 2011. Workplace health protection and promotion: a new pathway for a healthier – and safer – workforce. *J Occup Environ Med* 2011; 53:695-702.

- Yarborough CM. The risk of mesothelioma from exposure to chrysotile asbestos. *Curr Opin Pulm Med*. 2007 Jul;13(4):334-8.
- Yarborough CM. Chrysotile asbestos and mesothelioma: an assessment based on epidemiology. *Crit Toxicol Rev* 2006; 36:165-87.
- Yarborough CM, Erdreich LS. Child neurocognitive and behavioral outcomes and maternal solvent exposure during pregnancy. *Archives of Pediatrics & Adolescent* 2005; 159:690.
- Bean, M.A., F.A. Bhojani, E.B. Ferguson, E.C. Frenzel, J. Halberg, D. Konicki, V.A. Maas, J. Ording, K.W. Peterson, W.J. Schneider, G.M. Stave, J.T. Thompson, W.S. Wanago, C.M. Yarborough III. 2005. Scope of occupational and environmental health programs and practice. Position Statements/Guidelines of the American College of Occupational and Environmental Medicine. http://www.acoem.org/position/statements.asp?CATA_ID=35.
- Duggan A, Charnley G, Chukwudebe A, Chen W, Hawk R, Krieger RI, Ross J, Yarborough CM. Alkyl phosphate biomonitoring data: validation of cumulative exposure estimates. *Regul Toxicol Pharmacol* 2003; 37:382–395.
- Lewis RJ, Yarborough CM, Nicolich MJ, Friedlander BR. Lymphopietic cancer and other major causes of death among petrochemical researchers: an update. *Occup Med (London)* 1999; 49:71–77.
- Wanago W, Yarborough CM. What constitutes excellence for the Corporate Health Achievement Award. Abstracts of the American Occupational Health Conference. *J Occup Envir Med* 1997–2005.
- Peterson KW, Yarborough CM, Ferguson EB, Matthew S. The American College of Occupational and Environmental Medicine’s Corporate Health Achievement Award. *J Occup Envir Med* 1996; 38:969–972.
- Gamble JF, Lerman SE, Holder WR, Nicolich MJ, Yarborough CM. Physician-based case-control study of nonmelanoma skin cancer. *Occup Med (London)* 1996; 46:186-196.
- Yarborough CM. Quality assurance in occupational health: the market perspective. *Recueil des resumes, Programme Scientifique, 25th International Congress on Occupational Health* 1996:48–49.
- Lewis RJ, Huebner WW, Yarborough CM. Characteristics of participants and nonparticipants in worksite health promotion. *Am J Health Promotion* 1996; 11:99–106.
- Yarborough CM. Strategic quality planning. *J Occup Med* 1994; 36:414–418.
- Yarborough CM. Baldrige value to occupational health services. *J Occup Med* 1994; 36:334–337.
- Yarborough CM. System for quality management. *J Occup Med* 1993; 35:1096–1102.
- Acquavella JF, Owen CV, Bird MG, Yarborough CM, Lynch J. An adenomatous polyp case control study to assess occupational risk factors following a workplace colorectal cancer cluster. *Am J Epid* 1991; 133:357–367.
- Vernon SW, Acquavella JF, Yarborough CM, Hughes JI, Thar WE. Reasons for participation and nonparticipation in a colorectal cancer screening program for a cohort of high risk polypropylene workers. *J Occup Med* 1990; 32:46–51.

Reports and Book Reviews

- Baase C, ..., and Yarborough, CM. 2011. Safety and Healthy Workers. Report upon request of National Institute of Occupational Health and Safety (NIOSH) by American College of Occupational and Environmental Medicine.
- Recommendations for a successful Maryland Health Benefit Exchange: a report to the Governor and Maryland General Assembly. Maryland Health Benefit Exchange, Dec. 23, 2011. Available on-line at <http://www.dhmh.maryland.gov/healthreform/exchange/reports.html>
- Multinational Medical Directors Statement to the first United Nations High-Level Meeting on Non-Communicable Disease involving Heads of State in September 2011, from ExxonMobil, Medtronic,

IBM, Cisco Systems, 3M, Lockheed Martin, Air Products, Merck, General Mills and DuPont, who gathered in Washington, DC on June 21, 2011. Available on-line at <http://www.smartglobalhealth.org/blog/entry/medtronic-and-the-private-sectors-role-in-combating-non-communicable-diseas/>

- Amundson GM, ..., Yarborough CM. 2011. Physician Consortium for Performance Improvement® (PCPI) of American Medical Association Preventive Care and Screening. Available for public comments from Dec. 2011 – Jan. 2012 at <http://www.ama-assn.org/ama/pub/physician-resources/clinical-practice-improvement/clinical-quality/physician-consortium-performance-improvement/measure-development-process>
- Mahoney MC, ..., Yarborough CM. 2008. PCPI: Preventive care & screening physician performance measurement set available at http://www.ama-assn.org/ama1/pub/upload/mm/370/pcs_final08.pdf
- Yarborough CM. Progress Report: The first six years of the Corporate Health Achievement Award. ACOEM Board of Directors report, July 2003; www.acoem.org/chaa.
- Yarborough CM. Occupational & environmental medicine observations: Tenth annual meeting of the advisory panel of Agriculture Health Study, Feb. 27-28, 2003. CropLife America members newsletter (on-line), July 2003.
- Yarborough CM. Toxicology of solvents. *J Occup Envir Med* 2002; 40:767–768.
- Yarborough CM. Corporate Health Achievement Award: scoring methodology. Global Occupational Health Summit, Chicago IL, April 16, 2002.
- Lewis RJ, Nicolich MJ, Yarborough CM. Employee behavioral risks and absenteeism. Exxon internal company document, 1995.
- Yarborough CM. Book review: Workers' compensation health care cost containment. *J Occup Med* 1993; 35:633–634.
- Acquavella JF, Owen CV, Bird MG, Yarborough CM, Lynch J. An adenomatous polyp case control study among workers involved in the manufacture of polypropylene. *Society of Epidemiological Research*, June 16, 1989.