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Dr. Thomas P. Fuller is a Certified Industrial Hygienist with over 28 years of experience in environmental health, occupational safety, industrial hygiene, and public health. He has experience in healthcare, nuclear power plants, municipalities, biopharmaceutical labs, manufacturing, and universities. Dr. Fuller has demonstrated teaching qualification as an adjunct faculty member at local universities, and has experience speaking nationally and internationally. Dr. Fuller is the current Chair of the American Industrial Hygiene Association (AIHA) Nonionizing Radiation Committee. He is also the Infection Control Team Leader of the Health Care Working Group, and a founding member of the AIHA Pandemic Planning Team. Dr. Fuller is a member of the National Disinfectant Workgroup funded by the Toxic Use Reduction Institute. He was recently named as a Contributing Editor for the American Journal of Nursing. Dr. Fuller teaches 10-hour and 30-hour outreach programs for general industry safety and health and is an OSHA authorized trainer.

Education

Sc.D. Industrial Hygiene
Univ. of Massachusetts
Lowell, 2003

Master of Business Administration
Suffolk University, 1989

M.S. Public Health
Univ. of North Carolina,
Chapel Hill, 1979

B.S. Allied Medical Professions
The Ohio State Univ., 1977

Certifications

Certified Industrial Hygienist

40 Hour Hazardous Waste

Authorized OSHA Trainer

Affiliations

American Industrial Hygiene Association, Non-Ionizing Radiation Safety Committee, Chair

AIHA Health Care Working Group, Infection Control Team Leader

New England Chapter American Industrial Hygiene Association, Member

Health Physics Society, Member

New England Chapter Health Physics Society, past Treasurer

Laser Institute of America Member

American Journal of Nursing Contributing Editor

National Disinfection Working Group Member

Professional Experience

Environmental Performance Group *President (November 2004-Present)* Dr. Fuller provides industrial hygiene and occupational health consulting services to a broad variety of industrial, academic, and healthcare clients. The use of sustainability principles in program development and problem solving are an integral part of the EPG response to everyday health and safety problems. Recent projects include the elimination of glutaraldehyde disinfectants at a local hospital, latex minimization programs, and hazardous drug exposure control programs.

Massachusetts Nurses Association (MNA), *Industrial Hygiene Consultant (6/03-Present)* Dr. Fuller performs industrial hygiene exposure assessments and represents MNA members at a number of hospitals throughout MA. He conducts research projects with MNA staff and publishes results in newsletters and peer reviewed journals. He develops and implements a variety of Continuing Education courses for nurses on Occupational Health and Safety topics.

Tech Environmental *Industrial Hygiene Associate (10/05 – 2/08)*
Dr. Fuller provided industrial hygiene project support to a variety of clients in areas of exposure assessment, respiratory protection, environmental health, laser safety, hazard communications, noise, ergonomics, and radiation protection.

Boston University Medical Center *Industrial Hygiene Manager/Consultant (10/03-12/08) Radiation Protection Office Interim Director of Operations Consultant (12/02-11/03)* Dr. Fuller developed and managed programs, conducted training, and supervised support staff at the hospital university campus in Industrial Hygiene and Radiation Protection. Dr. Fuller was a founding member of the Boston Medical Center Green Committee.

Anna Maria College *Adjunct Faculty (May 2007 – present)* Dr. Fuller teaches graduate and undergraduate courses in Environmental Management, Sustainable Development, and Occupational Health and Safety.

University of Massachusetts Lowell, Sustainable Hospitals Project *Research Assistant/Project Manager (Toxic Use Reduction Institute) (1999 – 2003)* Mr. Fuller managed hospital research projects related to doctoral work in industrial hygiene and occupational health and safety at 10 hospitals in the U.S. and Europe. He coordinated preparation of several successful federal grants by managing staff and maintaining research databases.

Boston College, Office of Environmental Health and Safety *Radiation Safety Officer/Biosafety Officer/Chemical Hygiene Officer (1994 – 1999)* Mr. Fuller served as the Radiation Safety Officer for broad scope institutional radioactive materials license. In this capacity, he was responsible for all campus radiation protection activities including approval of radioisotope use, surveillance of activities in which radionuclides are used, supervision of radioactive waste disposal, and oversight of personnel dosimetry programs. Mr. Fuller served as the Biological Safety Officer, responsible for all lab safety assessments and associated training. He represented Boston College on the environmental health and safety committee of the Boston Consortium for collaborative management and oversight. He also served as the College Laser Safety Officer.

Massachusetts Institute of Technology *Assistant Radiation Protection Officer,* Environmental Medical Service *(1991 – 1996)* Mr. Fuller developed and implemented ionizing and non-ionizing radiation safety programs for sealed and unsealed sources at the MIT Plasma Fusion Center. He ensured center compliance with NRC, DOE and OSHA for radiation protection, environmental effluents, ALARA, and environmental Health and Safety. He also supervised radiation protection technicians in laboratory surveillance and analysis.

Northeastern University and Massasoit Community College *Faculty, Radiologic Technology (1991 – 1998)* Taught college courses in Radiation Protection, Radiobiology, Diagnostic Quality Control, and Radiographic Photography.

United Energy Services Corporation, Marietta, GA *Supervising Engineer, Nuclear Safety and Licensing Division (1990 – 1991)* In this capacity, Mr. Fuller supervised teams conducting environmental, radiation protection, radioactive waste, site decontamination, and emergency preparedness audits and program reviews at nuclear power stations (North Anna, Surry, Millstone, Haddam Neck, and Palo Verde).

Yankee Atomic Electric Company, Bolton, MA *Lead Auditor/Senior Engineer, Quality Assurance/Environmental Engineering Department (1982 – 1990)* Mr. Fuller managed in-plant and vendor audit teams in environmental science, chemistry, radiation protection, radioactive waste, and training at nuclear power plants. He also supervised the activities of emergency exercise scenario development teams and coordinated emergency exercise activities with federal, state, and local governments.

Stone and Webster Engineering Corporation, Boston, MA *Assistant Project Engineer/Environmental Health Physicist,* Nuclear Technology Division (1980-1982).

Sargent and Lundy Engineers, Chicago, IL, *Health Physicist,* Nuclear Safeguards and Licensing (1979-1980).

PUBLICATIONS AND PRESENTATIONS

Fuller, T., Introduction to Nonionizing Radiation, presented at the 13th National Industrial Hygiene Conference, Veracruz, Mexico, November 5 – 7, 2008.

Fuller, T., M. Brandt, M. Latko, Value of the Profession, a Study and Strategy from AIHA, presented at the 13th National Industrial Hygiene Conference, Veracruz, Mexico, November 5 – 7, 2008.

Fuller, T., Before it Arrives – Planning for a Pandemic in the Workplace, presented at the 13th National Industrial Hygiene Conference, Veracruz, Mexico, November 5 – 7, 2008.

Fuller, T., Phillips, M., Baron, D., Hemperly, S. Cell Phones, Microwaves, Pacemakers and More…Nonionizing Radiation Myths and Realities, AIHA TeleWeb presentation, October 22, 2008.

Fuller, T., Radiofrequency Radiation from Cell Phones and Public Exposure in Modern Life, presented to the fourteenth annual conference of the Brazilian Association of Occupational Hygienists, Recife, Brazil (September 2008) (Invited Paper).

Fuller, T., Introduction to Nonionizing Radiation, two-day seminar presented at the fourteenth annual conference of the Brazilian Association of Occupational Hygienists, Recife, Brazil (September 2008) (Invited).

Fuller, T., N95 Respirators and Toxic Gases or Vapors, Massachusetts Nurse, September, 2008.

Fuller, T., Occupational Exposure to Hazardous Drugs in Healthcare, paper presented at the American Industrial Hygiene Association annual conference, Minneapolis, June 2008.

Fuller, T., If UVC is filtered from solar radiation by the earth's atmosphere, does that mean that it is not a carcinogen?, paper presented at the American Industrial Hygiene Association annual conference, Minneapolis, June 2008.

Hitchcock, T., D. Baron, T. Fuller, S. Hemperly, L. Alcyon, Hands-On Nonionizing Radiation Measurements, Professional Development Course (PDC) taught at annual conference of the AIHA, Minneapolis, June 2008.

Fuller, T., Occupational Exposure to Hazardous Drugs, chapter in *Handbook of Modern Hospital Safety*, edited by William Charney, accepted March 2008, in publication.

Fuller, T., Anticipate and Prepare – Your company needs to have a plan for dealing with contagious viruses in the workplace, Water Well Journal, February, 2008.

Fuller, T., E. Bain, K. Sperrazza, A Survey of the Status of Hazardous Drug Awareness and Control in a Sample Massachusetts Nursing Population, Journal of Occupational and Environmental Hygiene, November 2007.

Fuller, T., Principles of Sustainable Development, invited seminar presented to the fourteenth annual conference of the Brazilian Association of Occupational Hygienists, Sao Paulo, Brazil (September 2007) (Invited Course).

Fuller, T., Scientific and Technical Emerging Issues Forum, Pandemic Planning-An Interactive Forum and Workshop, invited paper at the American Industrial Hygiene Association annual conference, Philadelphia, June 2007.

Fuller, T., Preventing Infectious Disease Transmission, invited paper presented at the Workplace Hazards to Nurses and Other Healthcare Workers: Promising Practices for Prevention conference sponsored by the Massachusetts Nurses Association and the University of Massachusetts Lowell, June 2007.

Fuller, T., Industrial Hygiene Infection Control Activities in a Large Teaching Hospital, presented at the American Industrial Hygiene Association annual conference, Philadelphia, June 2007.

Matz, D., T. Fuller, AIHA Pandemic Guideline: The Role of the Industrial Hygienist in a Pandemic, presented at the American Industrial Hygiene Association annual conference, Philadelphia, June 2007.

Hitchcock, T., D. Baron, M. Phillips, T. Fuller, S. Hemperly, Hands-On Nonionizing Radiation Measurements, Professional Development Course (PDC) taught at annual conference of the AIHA, Philadelphia, June 2007.

Fuller, T., Hazardous Drug Awareness and Control Survey Results, Massachusetts Nurse, Vol. 78, No. 4, April 2007.

Fuller, T., Occupational and Environmental Health Strategies to Contain a Pandemic, presented at the New England American Industrial Hygiene Associate annual conference (November 2006) (Invited Paper).

Fuller, T., Strategies to Contain a Pandemic, presented to the thirteenth annual conference of the Brazilian Association of Occupational Hygienists, Sao Paulo, Brazil (August 2006) (Invited Paper).

Clapp, R., A. Culver, S. Bonahue, T. Fuller, P. Hoppin, M. Jacobs, L. Sutherland, Risks to Asthma Posed by Indoor Health Care Environments – A Guide to Identifying and Reducing Problematic Exposures, published by Health Care Without Harm, Lowell, Massachusetts (October 2006).

Hitchcock, T. D. Baron, M. Phillips, T. Fuller, S. Hemperly, Hands-On Nonionizing Radiation Measurements, Professional Development Course (PDC) taught at annual conference of the AIHA, Chicago (June 2006).

American Industrial Hygiene Association Pandemic Flu Project Team, The Role of the Industrial Hygienist in a Pandemic-AIHA Guideline 7-2006, published by the American Industrial Hygiene Association, Fairfax (May 4, 2006).

Quinn, M., T. Fuller, A. Bello, C. Galligan, Pollution Prevention – Occupational Safety and Health in Hospitals: Alternatives and Interventions, Journal of Occupational and Environmental Hygiene, accepted – awaiting publication (October 2005).

Fuller, T., Emerging Biological Hazards: Needs and Methods for Improved Occupational Safety, paper presented to the twelfth annual conference of the Brazilian Association of Occupational Hygienists, Rio De Janerio, Brazil, 2005. (Invited Paper)

Fuller, T., Electromagnetic Field Exposure from Canine Fences, paper presented to the 2005 American Industrial Hygiene Association Conference, Anaheim.

Fuller, T., S. Bloom, Occupational Exposure to Dimethyl Sulfide in the Healthcare Setting, paper presented to the 2005 American Industrial Hygiene Association Conference, Anaheim.

Fuller, T., Occupational Exposure to Germicidal Ultraviolet Radiation in Hospital Orthopedic Operating Rooms, paper presented to the 2004 American Industrial Hygiene Association Conference, Atlanta.

Fuller, T., Technological Change and Environmental Health and Safety in Hospitals, doctoral dissertation published by The University of Massachusetts, Lowell, 2003.

Bello, A., Quinn, M., Fuller, T., An Occupational Safety and Health-Pollution Prevention Integrated Analysis of Formaldehyde Use and Reduction in a Hospital Clinical Laboratory, poster presentation to the 2002 American Industrial Hygiene Conference, San Diego.

Fuller, T.P., OET 65 – Status After One Year, paper presented to the 2001 American Industrial Hygiene Association Conference, New Orleans.

Wegman, D.H., Levenstein, C., Fuller, T., Occupational Safety and Health, chapter in *The Encyclopedia of the Environment*, Houghton Mifflin Company, Boston (2001) pages 898-903.

Fuller, T.P., Alice Stewart's Controversial Life Story, book review in New Solutions, Vol. 10(4) 407-412, 2000, Baywood Publishing Co. Inc., Amityville, NY.

Fuller, T.P., The Plutonium Files-Historical, Personal, book review in New Solutions, Vol. 10(4) 410-412, 2000, Baywood Publishing Co. Inc., Amityville, NY.

Fuller, T.P., Recent Trends in Laboratory Design for Safety, paper presented to the Northeast Safety Conference held in Princeton, New Jersey, January 1998.

Fiore, C.L., T.P. Fuller, R.L. Boivan, R.S. Granetz, Radiation Measurements from Alcator C-Mod Initial Operation, paper presented to the 15th IEEE/NPSS Symposium on Fusion Engineering, Hyannis, Massachusetts, 1993. 0-7803-1412 (1994) IEEE.

Barbanel, Cheryl S., A.M. Ducatman, M.J. Garston, T.P. Fuller, Laser Hazards In Research Laboratories, Journal of Occupational Medicine, Volume 35, Number 4, April 1993.

Fiore, C.L., R. Boivan, R.S. Granetz, T. Fuller, and C. Kurz, Status of the Neutron Diagnostic Experiment for Alcator C-Mod, Rev. Sci. Instrum. 63 (10), October 1992.

Fuller, T.P., C.L. Fiore, Alcator C-Mod Safety and Radiation Program, paper presented to the 14th IEEE/NPSS Symposium on Fusion Engineering, San Diego (1991).

Fuller, T.P., A Symptom Based Approach to Emergency Classification At Seabrook Station, paper presented to the 30th Annual Meeting of the Health Physics Society, Chicago (1985).

Fuller, T.P., Stone and Webster Engineering Corporation, Protective Ventilation Suits, paper presented to the 26th Annual Meeting of the Health Physics Society, Louisville (1981).

Fuller, T.P., C.E. Easterly, Tritium Protective Clothing, ORNL/TM-6671, ORNL (1979).