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Thomas P. Fuller, ScD, CIH, MSPH, MBA

Dr. Thomas Fuller is a Certified Industrial Hygienist with over 28 years of experience in environmental health, radiation safety, air quality assessment and control, industrial hygiene and public health. He has experience in working with the healthcare industry, nuclear power plants, municipalities, biopharmaceutical labs, manufacturing, and universities.

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

Dr. Fuller is registered in the Commonwealth of Massachusetts for Health Physics and Non-Ionizing Radiation Services. He has demonstrated teaching experience as an adjunct faculty member at local universities, and has experience in public speaking and work with State, federal and local governments. Dr. Fuller is the current Chair of the American Industrial Hygiene Association (AIHA) Non-Ionizing Radiation Committee. Dr. Fuller is also the Infection Control Team Leader of the AIHA Health Care Working Group and a founding member of the AIHA Pandemic Planning Team.

Professional Experience

Certifications

Certified Industrial Hygienist

40 Hour Hazardous Waste
Site Personnel Training

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

Environmental Performance Group President (November 2006-Present) Dr. Fuller provides industrial hygiene and occupational health consulting services to a broad variety of industrial, academic, and healthcare clients. The belief in and use of sustainability principles in program development and problem solving set EPG apart from other environmental health and safety consulting firms. EPG is known for innovative solutions and approaches to projects, with a focus on efficiency and corporate environmental fitness.

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 (Interim Manager/Consultant 10/03-11/04, Manager/Employee 11/04-2/07, Interim IH Manager/Consultant 2/07-Present)

Dr. Fuller develops programs, conducts training, and supervises support staff at the hospital and university campus in Industrial Hygiene, Personnel Protective Equipment, Job Hazard Evaluation, Ergonomics, Non-ionizing Radiation, Laser Safety, Emergency Response, Respiratory Protection, Infection Control, and Ventilation Systems. Dr. Fuller was a founding member of the hospital 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.

Boston University Medical Center Radiation Protection Office Interim Director of Operations (*Consultant 12/02-11/03*) Dr. Fuller managed the daily operations of the institute Radiation Protection Office, supervised and coordinated activities of nine technical and administrative staff, and maintained the Office budget. He also developed programs in support of the facility radioactive materials license for nuclear medicine, radiation therapy and diagnostic radiology. Mr. Fuller represented the Office on the institute X-Ray Safety Committee and represented the Office as a member of the institute Laboratory Safety Committee.

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.

PUBLICATIONS AND PRESENTATIONS

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 Association 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 Janeiro, 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).