

Mark A. Maddaloni

Work Experience:

Jan, 1991 - Present..... U.S. Environmental Protection Agency
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Sept 2001 - Present..... Senior Toxicologist, GS 14

Detailed to World Trade Center (WTC) Response Operation

* Chaired Interagency workgroup that produced a peer-reviewed report that identified contaminants-of-concern and risk-based remediation goals for indoor air and settled dust

* Served as regional toxicology resource for the risk assessment of the ambient and indoor environments impacted by WTC disaster

* Represent EPA Region 2 at scientific meetings - give presentations on the WTC environmental assessment and response

* Meet with environmental/community groups to discuss risk-related issues associated with the WTC disaster

* Participated in design and implementation of a WTC Indoor Background Study and Indoor Cleaning Confirmation Study

* Participating in research project to determine release of asbestos fibers from carpets

* Developed position paper for managing asbestos-contaminated dust in the decontamination/demolition of 130 Liberty Street (former DeutscheBank), a 40 story heavily damaged/contaminated building adjacent to Ground Zero

* Developed screening criteria for the ambient environment related to the demolition of 130 Liberty Street

* Participated in Workgroup to determine chemical signature of WTC dust

Ancillary/Additional Activities

- * Tri-Chair EPA Technical Review Workgroup Asbestos Committee – develop guidance on asbestos site assessments
- * Taskforce on Research to Inform and Optimize CBR Response/Readiness (TRIO) - identify response community needs for homeland security incidents. Developing risk-based exposure guidelines for chemical agents.
- * Regional Applied Research Effort (RARE) – Principal Investigator for fish tissue analysis (Hg & PCBs) study in NYC commercial fish markets
- * Invited speaker at Environment Agency UK sponsored workshop on the bioavailability of soil-borne metals
- * Invited speaker at Health Canada sponsored workshop on the bioavailability of soil-borne PAHs

March 1999 - Sept 2001Regional Toxicologist - National Expert, Lead (Pb)

Co-Chair Technical Review Workgroup for Lead

- * Provide national leadership in matters of lead (Pb) risk assessment
- * Developed Uptake-Biokinetic (UBK) lead model for children
- * Participate in committees that write guidance document for lead risk assessment and remediation
- * Chair of sub-committee that developed methodology for assessing lead hazards at non-residential sites.

March 1999 - Sept 2001U.S. Environmental Protection Agency
Risk Coordinator, Division of Environmental Planning and Protection

Coordinate risk assessment activities for regional programs/initiatives

- * Responsible for developing and reviewing risk assessments
- * Provide risk communication services (participation at public meetings)
- * Serve as regional consultant on matters of toxicological significance

Serve on National Workgroups charged with developing risk assessment guidance for:

* Dermal Exposure - Developed Superfund Dermal Risk Analysis Guidance

* Chemical Mixtures

* Bioavailability - Co-Chaired SOT Workshop on Metals Bioavailability

1991 -1999U.S. Environmental Protection Agency
Environm ental Scientist, Emergency and Remedial Response Division

Perform and review site-specific risk assessments for Superfund sites

* Attend public meetings

* Participate in risk assessment/toxicology conferences

Serve as regional toxicology resource

Provide training on emergency response to hazardous material incidents

1998 Hunter College, Graduate School of Environmental Sciences

Adjunct Professor

* Instructed graduate course titled: Environmental and Occupational Toxicology

1991 - 1993 Columbia University, School of Public Health

Teaching

Assistant

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Instructed public health students in an introductory environmental science course.

1983 - 1991 New York City Poison Control Center

Poison

Information Specialist/Supervisor

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Responsible for providing consultations to the medical community and lay public regarding the management of poison emergencies. Provided special support in the assessment of occupational and environmental exposure. Routinely participated in research projects and educational services that include lecturing on poison management. Participant in N.Y.C. Disaster Planning Committee.

1981 - 1983 Bayley Seton Hospital - Staten Island, NY

Pharmacist (Part-Time)

1981- 1983 St. John's University - Jamaica, NY
Teaching Assistant - School of Pharmacy

Education:

1991 - 1998Columbia University - School of Public Health
Dr. P.H. (awarded with distinction) - Environmental Sciences
Dissertation topic - Bioavailability of Soil-Borne Lead in Human Adults

Awards:

- * 1998 - Environmental Health Sciences - Award of Excellence
- * 1992 - Alumni Award

1981 - 1983 St. John's University - Graduate School of Pharmaceutical Sciences
M.S. Toxicology -1983

1977 - 1980 Long Island University - College of Pharmacy
B. S. Pharmacy - 1980
Cum Laude
License # 034185 - New York State
Scholarships:
* 1980 - Merck, Sharp, and Dohme Award - Physiology
* 1979 - Mayor's Scholarship
* 1980 - David Colin Alumni Award

1973 - 1977 S.U.N.Y. New Paltz
Major - Biochemistry
Minor - Physical Education
Scholarship: 1973 - 1977 New York State Regents Scholarship

Certifications: * Diplomat, American Board of Toxicology (1992); re-certification (1997, 2002, 2007)
* American Association of Poison Control Centers - Certification 1985

Affiliations: * New York City Department of Health - Institutional Review Board
* Society of Toxicology - Full Member

Publications: Maddaloni M, Ballew M, Diamond G, et al. Assessing Lead Risks at Non-Residential Hazardous Waste Sites. HERA, Vol 11 (5). Oct., 2005

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i MA. Bioavailability of Soil-Borne Chemicals: A Regulatory Perspective. Human & Ecological Risk Assess. Vol 10 (4). Aug., 2004.

Tang KM, Nace CG, Maddaloni MA, Harkay JD, et al. Evaluation of Vacuum and Wet-Wipe Methods for Removal of World Trade Center Dust from Indoor Environments. J Air & Waste Management Vol 54. 2004.

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M, Lofacono N, Manton W, Blum C, Drexler J, Graziano J. Bioavailability of soil-borne lead in adults, by stable isotope dilution Environ Health Perspect, Vol 106. Dec 1998.

White PD, Van Leeuwen P, Davis BD, Maddaloni MA, Hogan KA, Marcus A, and Elias R The Conceptual Structure of the Integrated Exposure Uptake Biokinetic Model for Lead in Children.. Environ Health Perspect, Vol 106. Dec 1998.

regulation
State

Hoffman R, Wipfler M, Maddaloni M, Weisman R:
“Has the New York State triplicate benzodiazepine prescription influenced sedative-hypnotic overdoses?” New York Journal of Medicine 1992; 91: 436-439.