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SPECIAL ISSUE: THE HEALTH LEGACY OF SEPTEMBER 11™

REVIEW ARTICLE

The Evolving Spectrum of Pulmonary Disease in Responders to the World Trade Center Tragedy
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Physician-Diagnosed Respiratory Conditions and Mental Health Symptoms 7–9 Years Following the World Trade Center Disaster
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"Sarcoid Like" Granulomatous Pulmonary Disease in World Trade Center Disaster Responders: Influence of Incidence Computation Methodology in Inferring Airborne Dust Causation
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Queens College-CBNS
Remsen 311
65-30 Kissena Blvd.
Flushing, NY 11367

Health Impact of 9/11: The First Decade

World Trade Center Scientific Conference
October 13, 2011 9:00 a.m. to 5:00 p.m.,
(Registration begins at 8:30 a.m.)
United Federation Teachers
52 Broadway, New York City

SPONSORED BY:

The World Trade Center Programs at:
Queens College, City University of New York
Mt Sinai School of Medicine
New York City Fire Department
Health and Hospitals Corporation (Bellevue)
New York City Department of Health and Mental Health





CONFERENCE SCHEDULE

October 13, 2011

8:30 am **Registration**

9:00 am **Welcome**

- **Steven Markowitz, MD**, Queens College, City University of New York (CUNY)
- **John Howard, MD, JD**, Director, National Institute for Occupational Safety and Health

9:20 am **Overview of Research Programs/Populations**

- **Steven Markowitz, MD**, Queens College, CUNY

9:40 am **New Findings on Health Impacts of 9/11**

- Mortality Among Survivors of the 9/11 World Trade Center (WTC) Disaster. **James Cone, MD**, New York City Department of Health and Mental Health (DOHMH)
- Persistence of Multiple Illnesses in WTC Rescue and Recovery Workers. **Juan Wisnivesky, MD**, Mt. Sinai School of Medicine
- Early Assessment of Cancer Outcomes in New York City Firefighters after the 9/11 Attacks. **Rachel Zeig-Owens, MPH**, New York City Fire Department (FDNY)

10:40 am **Break**

11:00 am **Pulmonary Disorders**

- Association between Pulmonary Function and Recovery from Lower Respiratory Symptoms in WTC-Exposed Firefighters. **Theresa Schwartz, MS**, FDNY
- Case-Control Study of Lung Function in WTC Health Registry Area Residents and Workers. **Stephen Friedman, MD**, DOHMH
- Restrictive Pattern of Lung Dysfunction due to Airway Injury Following Exposure to WTC Dust. **Kenneth Berger, MD**, New York University School of Medicine

Pulmonary Disorders (Cont'd.)

- Airways Disease in WTC Responders: Problems in Diagnosis Raises a Question of Bronchiolitis. **Albert Miller, MD**, Queens College

12:15 pm **Lunch**

1:15 pm **Mental Health Disorders**

- Longitudinal Mental Health Impact Among Police Responders to the 9/11 Terrorist Attack. **Rosemary Bowler, MD, PhD**, DOHMH
- Augmentation of Virtual Reality Exposure Therapy with a Novel Pharmaceutical Agent for the Treatment of Chronic Post Traumatic Stress Disorder (PTSD). **JoAnn Difede, PhD**, Weill Cornell/Presbyterian
- Unmet Mental Health Care Needs among WTC Disaster Survivors. **Robert Brackbill, MD**, DOHMH

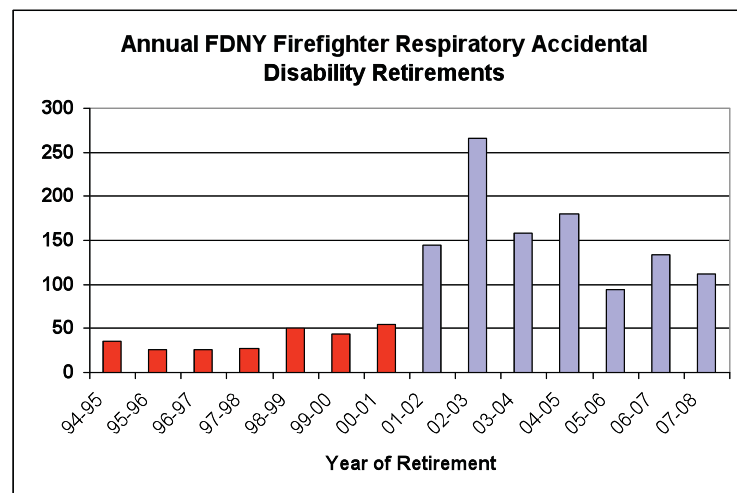
2:30 pm **Co-existing Mental and Respiratory Disorders**

- Physician-Diagnosed Respiratory Conditions and Mental Health Symptoms Seven to Nine Years Following the WTC Disaster. **Michelle S Glaser, MPH**, FDNY
- Asthma Prevalence and Severity, and Health-related Quality of Life Associated with Asthma, Among 9/11 Rescue and Recovery Workers with and without PTSD. **Robert Brackmill, MD**, DOHMH

3:00 pm **Break**

3:15 pm **Cardiovascular Disease**

- Heart Disease Among Adults Exposed to the September 11, 2001 WTC Disaster: Results from the WTC Health Registry. **Sara Miller, MPH**, DOHMH



Source: Niles, JK et al. Am J Ind Med. 54:9, September 2011, 672-680.

3:30 pm **Children**

- Parental PTSD Increases the Risk of Impaired Behavior and PTSD in Adolescents Six to Seven Years after the 9/11 Disaster. **Mana Mann, MD, MPH**, DOHMH
- Respiratory Health of Children Enrolled in the WTC Health Registry, Six Years Following 9/11. **Sukhminder Osahan, PhD**, DOHMH
- Asthma and Allergy Among Children in an Elementary School near the WTC. **Anthony Szema, MD**, Stony Brook University School of Medicine

4:15 pm **New Research Projects**

5:00 pm **Closing Remarks - Organizing Committee**

Scientific posters will be displayed throughout the day. Program is subject to change.



Total Age Group (yr)	Observed	Expected New York City	Expected New York State	Expected SEER
<30	0	0.07	0.01	0.01
30-34	1	0.08	0.09	0.11
35-39	1	0.28	0.40	0.29
40-44	2	0.62	0.89	0.59
45-49	4	1.08	1.22	1.00
50-54	0	1.17	1.04	0.91
55-59	1	1.40	1.29	1.04
60-64	0	1.47	1.27	1.10
65-69	1	0.94	0.84	0.79
70-74	1	0.42	0.41	0.29
75-79	1	0.18	0.18	0.18
≥80	0	0.10	0.10	0.10
Total	8	6.77	6.36	5.55



REGISTRATION — Registration deadline is October 10, 2011

- Yes, I will attend the conference on October 13, 2011. **(Cost: \$40)**
- Yes, I am a physician and would like to receive CME credits. **(Cost: Additional \$40)**

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Mail Checks to: Queens College - CBNS, Remsen 311, 65-30 Kissena Blvd. Flushing, NY 11367

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For further information, contact Jordan Werbe Fuentes at: Jwerbefuentes@qc.cuny.edu or 718-670-4185