



**Protecting New York from Terrorism and Disaster:
Taking Stock, Setting Directions, Looking Forward**

A conference organized by

Protect New York:

**An Academic and Professional Society Devoted To Safeguarding New York State
From Terrorism and Disaster**

January 10-11, 2008

**The Levin Institute of the State University of New York
116-120 East 55th Street, Manhattan
New York City**

****FINAL REVISED PROGRAM AS OF JAN 14, 2008****

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Secretary: Powderly, Kathleen, Humanities in Medicine, SUNY Downstate Medical Center

TENTATIVE SCHEDULE OF PANELS			
THURSDAY, JAN. 10		FRIDAY, JAN. 11	
8:50 am-9:30 am	Staff Set-up	8:50 am-10:20am	Panel 7: Ethical and Policy Issues in Disaster Preparedness Panel 8: Security Technologies: Prospects, Possibilities, and Problems
9:30 am-10:20 am	Registration Opens		
10:30am-Noon	Panel 1: Emotional and Behavioral Dimensions of Disaster Response Panel 2: Border Security and Identification Systems	10:30am-Noon	Panel 9: Emergency Logistics Panel 10: Radiation Emergencies: Threat, Response, and Consequences
12:10 pm-1:10pm	Lunch; Board of Directors Presentation	12:10 pm-1:10pm	Lunch; Demonstrations and Exercises
1:20 pm-2:50 pm	Panel 3: Bridging the Divide: Academic Institutions & Law Enforcement Agencies Panel 4: Medical Surge Capacity during Disaster	1:20 pm-2:50 pm	Panel 11: Behavioral Approaches to Security Panel 12: Securing Critical Infrastructures in New York State: Directions for Research and Application
3:00 pm-4:30 pm	Panel 5: Education and Training for All-Hazard Events Panel 6: Transportation Security in New York	3 pm- 4 pm	Panel 13: Concluding Session: Meeting the Threats Facing New York
4: 40pm-5:30 pm	Interest group meetings		

*****SESSIONS ON THURSDAY, JANUARY 10*****

Panel 1: Emotional and Behavioral Dimensions of Disaster Response

Convener: Steven Dubovsky, University at Buffalo School of Medicine and Life Sciences, dubovsky@buffalo.edu

- Linda Kruus, Temple University School of Medicine; and Sylvia Twersky-Bumgardner, Center for Preparedness Research, Education, and Practice, Temple University: “How Do Health Care Workers Respond to Disasters that Affect Them Personally?”
- Linda Pessar, Erie County Medical Center: “Clinician Experience with World Trade Center Victims “
- Cynthia Pristach, University at Buffalo School of Medicine and Biomedical Sciences : “Reactions to extreme stress: World trade center terrorist attacks”

Panel 2: Border Security and Identification Systems

Convener: Rey Koslowski, Rockefeller College of Public Affairs and Policy
University at Albany

- Owen McShane, Director of Investigations, NYS Department of Motor Vehicles, and University at Albany, “The Impacts of Terrorism on Drivers License Issuance”
- Clayton Kolb, “The Real ID Act”
- C.J. Chang, Rutgers University, Newark, “Trade Facilitation and Border Security: NYC in Global Perspective”
- Ray Koslowski, Rockefeller College of Public Affairs and Policy, University at Albany, TBA

LUNCH
WELCOME BY GARRICK UTLEY,
VETERAN NEWS CORRESPONDENT AND PRESIDENT OF THE LEVIN INSTITUTE
FOLLOWED BY
PRESENTATION BY THE BOARD OF PROTECT NEW YORK

Panel 3, Bridging the Divide: Academic Institutions & Law Enforcement Agencies

Convener: Lester Paldy, Stony Brook University, lpaldy@notes.cc.sunysb.edu

- Preston L. Felton, Acting Superintendent, New York State Police, pfelton@troopers.state.ny.us
- Robert Stafford, Inspector, University Police, Stony Brook University, Robert.Stafford@Stonybrook.edu
- Thomas Nicpon, FBI Special Agent, Counterterrorism Division, NY Field Office
- Mark White, Deputy Chief, Suffolk County Police Department, Whitemar@Suffolkcountyny.gov
- Marvin J. Fischer, Chief of Police, Farmingdale State College, fischerm@farmingdale.edu
- David Paldy, Assistant Deputy Attorney General, NYS Organized Crime Task Force

Panel 4, Medical Surge Capacity during Disaster

Convener: Bonnie Arquilla, Emergency Medicine, SUNY Downstate Medical Center

- Katherine Uraneck, NYC Dept. of Health and Mental Hygiene, "Limiting Factors in Disaster Response"
- Brian Wright, SUNY Downstate Medical Center: "Increasing Ventilator Surge Capacity in Disasters"
- Helen Stuz, SUNY: "Critical Care Staffing Needs and Solutions"
- Judith Ahronheim, NYIAHP: "Geriatric Needs and Solutions"
- George Foltin, New York University: "Understanding Pediatrics in Disasters"

Panel 5, Education and Training for All-Hazard Events

Convener: David J. Hennessy, Schenectady County Community College, hennesdj@gw.sunysccc.edu

- Pedro Carrero, Metropolitan College of New York, buktown@nyc.rr.com: "The Second Generation of Emergency Management: True Professionalism as Part of Mitigation."
- Martin A. Greenberg, The College of Saint Rose, greenbem@strose.edu: "The Role of Student Interns in Emergency Planning and Disaster Relief"
- Thomas L. LaBelle, New York State Association of Fire Chiefs, tlabelle@nysfirechiefs.com: "Leveraging Need, Education, and Legislation: The Case Study of Volunteer Firefighters"
- Jim Savitt, Empire State College, "Educating Emergency and Fire Managers: Where There's Smoke, There's More Than Fire"
- David J. Hennessy, SUNY Schenectady County Community College, hennesdj@gw.sunysccc.edu: "Center for Excellence in Education - First Responder Safety Training (CEE-FiRST): Regionalizing Homeland Security and Public Safety Training in New York State"

Discussants:

- Harry Buffardi, Schenectady County Sheriff's Office, Sheriff
- Heidi DeBlock, St. Clare's Hospital, Emergency Medical Physician
- Richard Kasko, Scotia Fire Department, Chief

Panel 6: Transportation Security in New York

Convener: Daniel B. Hess, University at Buffalo, dbhess@buffalo.edu

- Rae Zimmerman, Institute for Civil Infrastructure Systems (ICIS) (www.nyu.edu/icis) New York University, Wagner Graduate School of Public Service, rae.zimmerman@nyu.edu; and Jeffrey S. Simonoff, Institute for Civil Infrastructure Systems (ICIS), New York University, Wagner Graduate School of Public jsimonof@stern.nyu.edu: "Transportation Density and Opportunities for Expediting Recovery to Promote Security"

- James Ercolano, New York State Department of Transportation, jercolano@dot.state.ny.us "Pedestrian Disaster Preparedness and Emergency Management of Mass Evacuations on Foot: State-of-the-Art, and Best Practices"
- Harvey Molotch, New York University; Noah McClain, New York University noah.mcclain@nyu.edu , "The Promise and Pitfalls of Worker Vigilance in the Subway: Preliminary Findings"
- Norman Groner, John Jay College of Criminal Justice ngroner@jjay.cuny.edu ; Robert Till, John Jay College of Criminal Justice, "Designing Complex Subway Emergency Response Systems Using Desirable Systems States"
- Jennifer Richmond-Bryant, Hunter College, jrichmon@hunter.cuny.edu ; Ann E. Wittig, City College of New York, wittig@ce.engr.cuny.cuny.edu "Transport and Dispersion of Threat Agents in a Scale Model of a Subway Station"

*****SESSIONS ON FRIDAY, JANUARY 11*****

Panel 7: Ethical and Policy Issues in Disaster Preparedness

Convener: Kathleen E. Powderly, Division of Humanities in Medicine, SUNY Downstate Medical Center, kathleen.powderly@downstate.edu

- Bruce Jennings, Center for Humans and Nature, brucejennings@humansandnature.org, "Disaster-Preparedness and Public Health"
- BG Mike McDaniel, Michigan Homeland Security Advisor, mcdanielm@michigan.gov; Cali Ellis (Presenting author), Pardee RAND Graduate School, cali_ellis@rand.org, "The Beslan Hostage Crisis: A Vital Case Study for Emergency Responders in New York City"
- Tia Powell, MD, New York State Task Force on Life and the Law, "Allocation of Ventilators in Pandemic Influenza: New York State Guidelines".
- Kathleen Powderly, Division of Humanities in Medicine, SUNY Downstate Medical Center, kathleen.powderly@downstate.edu; and Lorraine C. Brooks, Employee Assistance Program, SUNY Downstate Medical Center, lorraine.brooks@downstate.edu: "Professional Roles and Responsibilities of First Responders in the Era of Terrorism: Oral Histories of First Responders to the WTC on 9/11"

Panel 8: Security Technologies: Prospects, Possibilities, and Problems.

Convener: John Kostanoski, Farmingdale State College, SUNY, john.kostanoski@farmingdale.edu

- Jeremy Nemeth, University of Colorado at Denver, Jeremy.Nemeth@cudenver.edu; and Justin Hollander, Tufts University: "Security Zones and Lower Manhattan's Shrinking Public Space."
- Matt Hidek, Maxwell School of Citizenship and Public Affairs, Syracuse University, mahidek@maxwell.syr.edu, "Networked Security in the City: Fusion or Friction?"
- Tino Posillico, Farmingdale State College, "Critical Convergence for New York State: Merging Computer Systems Technologies and Security Systems Science and Education."
- Zhigang Zhu, City College of New York, "Fast Response in New York City: Real-time Airborne 3D and Motion Reconstruction for Security and Planning of Urban Transportation."
- Raj Sharman, State University of New York at Buffalo, NY, rsharman@buffalo.edu (with Insu Park (ipark@buffalo.edu), H. R. Rao (mgmtrao@buffalo.edu) and Shambhu Upadhaya (shambhu@buffalo.edu), "Critical availability and security issues affecting Hospital Information Infrastructure."

Panel 9: Emergency Logistics

Convener: José Holguín-Veras, Rensselaer Polytechnic Institute, jhv@rpi.edu

- Donna Canestraro, University at Albany, Center for Technology in Government, dcanestr@ctg.albany.edu; and Dennis Taratus, New York State Public Services Commission: "The Telecommunications Incident Response Framework in New York State."
- Natalie Simpson, University at Buffalo, nsimpson@buffalo.edu; and Philip Hancock, phancock@buffalo.edu: "Hyper-Projects and Emergent Logistics: Characterizing the Managerial Challenges of Emergency Response"
- José Holguín-Veras, (Presenting author) Rensselaer Polytechnic Institute, jhv@rpi.edu; Noel Pérez, pereznr@rpi.edu; Satish Ukkusuri, ukkuss@rpi.edu; Tricia Wachtendorf, twachten@udel.edu; Bethany Brown, bethanyb@udel.edu: "Emergency Logistics Issues Impacting the Response to Katrina: A Synthesis and Preliminary Suggestions for Improvement"
- José Holguín-Veras, Rensselaer Polytechnic Institute jhv@rpi.edu; Miguel Jaller, jallem@rpi.edu (Presenting author); Satish Ukkusuri, ukkuss@rpi.edu; Matthew Brom, bromm@rpi.edu; Coral Torres, torrec@rpi.edu; Tricia Wachtendorf, twachten@udel.edu; Bethany Brown, bethanyb@udel.edu, "An analysis of the temporal distribution of requests for critical supplies after Hurricane"

Panel 10: Radiation Emergencies: Threat, Response, and Consequences

Convener: Rajesh Mittal, Emergency Medicine, SUNY Downstate, Kings County Hospital Center.

rajesh.mittal@downstate.edu

- Scot Phelps, Southern Connecticut State University, "Risks of a Dirty Bomb Attack on New York City"
- Joe DeFranco, Department of Health, Office of Radiological Health, Tentative: "Citywide Detection and Response to a Radiological Terrorism Event"
- Steven M. Becker, Department of Environmental Health Science, The University of Alabama at Birmingham, "Concerns and Information Needs of the Public in a Radiological Terrorist Event."
- Curt Dill, Emergency Medicine, VA New York Harbor Hospital System, "Hospital-based Preparedness for Radiation Emergencies."

****LUNCH****

LUNCHTIME DEMONSTRATIONS

Greg T. Brunelle, Deputy Director-Preparedness, New York State Emergency Management Office, Greg.Brunelle@semo.state.ny.us "An Innovative State-wide Public Alerting System, in Partnership with SUNY"

Panel 11: Behavioral Approaches to Security

Convener: Mark G. Frank, University at Buffalo, Dept of Communication, mfrank83@buffalo.edu

- Venugopal Govindaraju & Philip C. Kilinskas, University at Buffalo, Center for Uniform Biometrics and Sensors, govind@buffalo.edu, "Biometrics and Behavior"
- Carolyn M. Hurley, University at Buffalo, Dept of Communication, churley5@buffalo.edu, "Detecting Deception and Emotion by Police officers"
- Mark G. Frank, University at Buffalo, Dept of Communication, mfrank83@buffalo.edu: "Training to Recognize Subtle Signs of Hostile Intent in Professionals"

- Peter DiDomenica, Massachusetts State Police, peter4@charter.net, "Issues in Creating Airport Security"

Panel 12: Securing Critical Infrastructures in New York State: Directions for Research and Application

Convener: Michel Bruneau, University at Buffalo, bruneau@buffalo.edu

- Mohammed Ettouney, Weidlinger and Associates, ettouney@wai.com: "Building Security: A Multi-Disciplinary Affair"
- Rae Zimmerman, Institute for Civil Infrastructure Systems (ICIS) (www.nyu.edu/icis) New York University, Wagner Graduate School of Public, rae.zimmerman@nyu.edu; and Carlos E. Restrepo, Institute for Civil Infrastructure Systems (ICIS), New York University, Wagner Graduate School of Public, cer202@nyu.edu: "Research Directions for Analytical Tools to Portray and Monitor Infrastructure Vulnerability for Resource Allocation"
- Earl Rusty Lee (Presenting Author), University of Delaware, elee@udel.edu; William Wallace, Rensselaer Polytechnic Institute: "Restoration of Services in Interdependent Infrastructure Systems."
- Michel Bruneau, University at Buffalo, bruneau@buffalo.edu : "Multi-hazard Resilience of Infrastructure"

Panel 13: Concluding Session: Meeting the Threats Facing New York

Convener: Sheldon Reaven, Stony Brook University, Sheldon.Reaven@Stonybrook.edu

- Hank V. Savitch, School of Urban and Public Affairs, University of Louisville, hvsavi01@louisville.edu: "Terrorism's Toll: The Open City and Its Spaces. "
- Ernest Sternberg, University at Buffalo, ezs@buffalo.edu, "What is the Risk of Terrorism in Metro New York?"
- Sheldon Reaven, Stony Brook University, Sheldon.Reaven@Stonbrook.edu, "Rating the Risks of Terror Scenarios: Science or Guesswork?"