

DHS Science and Technology Directorate National Urban Security Technology Laboratory New York Area Science and Technology Forum

Providing a Forum to Promote and Discuss Advances in Science and Technology Applications

Managed and hosted by the National Urban Security Technology Laboratory (NUSTL), the New York Area Science and Technology Forum (NYAST) is a consortium of federal, state and local government organizations, first responders, academia and private sector groups that regularly meet to promote and discuss advances in science and technology applications. The quarterly NYAST topical meetings provide an opportunity for the diverse membership to interact and develop contacts across the homeland security community. NYAST provides a unique opportunity to gather valuable feedback from field operators, and to draw out their most pressing issues and needs in homeland security.



Virtual Training presentation at the 32nd NYAST Meeting.

Introducing Emerging Technologies to First Responders

NYAST also provides an opportunity for first responders to explore emerging technologies and devices that will allow them to work more efficiently and effectively. Meeting topics and demonstrations have included Virtual Training for Active Shooter Response, Biometric Technologies, Unmanned Aerial Systems, Enhanced Duty Uniforms, Wearable Physiological Sensors, Heads-Up Displays and the Next-Generation Incident Command Systems. These meetings offer organizations the opportunity to understand and use technology at the operational level.

Serving the Homeland Security Community

With more than 450 members from 110 different organizations, NYAST promotes interactions among diverse homeland security professionals and the first responder community. NUSTL has hosted more than 37 NYAST meetings since 2003, which have assisted in bridging the gap between technology developers and end-user operators. Some of the organizations include:

- New York City Police Department
- Port Authority of New York and New Jersey
- U.S. Environmental Protection Agency
- Nassau County Police Department
- Federal Bureau of Investigation
- New York City Fire Department
- Louisville Metropolitan Police Department
- New York City Emergency Management
- Stevens Institute of Technology
- Department of Energy National Laboratories



A primary benefit of NYAST is the ability to bring together diverse members of the homeland security community. In-Q-Tel's Colter Carambio and Stevens Institute of Technology Center of Excellence Director Julie Pullen discuss mutual areas of interest and potential collaboration opportunities.

What's Next?

NUSTL will continue to highlight emerging topics and technologies relevant to the first responder community. Additionally, NUSTL will pursue methods to increase membership and enhance meeting content to better address Department of Homeland Security Science and Technology Directorate goals, and first responder capability gaps.



**Homeland
Security**

Science and Technology

To learn more about NYAST, e-mail NUSTL@hq.dhs.gov.