



**Fourth Annual DHS University Network Summit**  
**S&TRONG!**  
**Science and Technology for Intelligent Resilience**  
**March 10 – 12, 2010**

**WEDNESDAY, March 10<sup>th</sup>, 2010**

8:30 am – 8:40 am	<b>Honor Guard/National Anthem</b> <b>Welcome: Bradley Buswell, Deputy Under Secretary, S&amp;T</b>				
8:40 am – 9:00 am	<b>Keynote Speaker: Dr. Tara O'Toole, Under Secretary, Science and Technology</b>				
9:00 am – 10:00 am	<b>Plenary 1: How Can S&amp;T Improve Operational Resilience?</b>				
	<b>Moderator:</b> Rolf Dietrich, Deputy Director of Research, S&T <b>Panel Members:</b> Michael Fisher, <i>Chief (Acting), Border Patrol</i> Tim Manning, <i>Deputy Administrator, Protection and National Preparedness, FEMA</i> Julia Pierson, <i>Chief of Staff to the Director of the U.S. Secret Service</i> Philip Reitingner, <i>Deputy Under Secretary, NPPD</i>				
10:00 am – 10:15 am	<b>Break</b>				
10:15 am – 10:45 am	<b>Keynote Speaker: Lt. General Russel Honoré, United States Army (Ret.)</b>				
10:45 am – 11:00 am	<b>Break</b>				
11:00 am – 12:00 pm	<b>Plenary 2: What Makes an Economy Resilient?</b>				
	<b>Moderator:</b> Matthew Clark, Director, Office of University Programs <b>Panel Members:</b> Carol Mansfield Erwann Michel-Kerjan Adam Rose Gary Shiffman				
12:00 pm – 1:15 pm	<b>Lunch</b>  <b>Presentation to Student Poster Winners</b>  <b>Keynote Speaker: Gary Berntsen</b> <b>Author of: Jawbreaker: The Attack on bin Laden and al-Qaeda; The Walk-In; and Human Intelligence, Counterterrorism and National Leadership: A Practical Guide</b>				
1:15 pm – 1:30 pm	<b>Transition to Breakout Sessions</b>				
1:30 pm – 3:00 pm	<b>Breakout Sessions</b>				
	<b>Panel 1</b>	<b>Panel 2</b>	<b>Panel 3</b>	<b>Panel 4</b>	<b>Panel 5</b>
	<b>Topic:</b> The Challenges of Food Defense in a Global Food System  <b>Moderator:</b> Shaun Kennedy  <b>Panel Members:</b> Bob Brackett Sara Klucking	<b>Topic:</b> The H1N1 Influenza Pandemic as a Case Study for the One-Health Approach  <b>Moderator:</b> Tom Powdrill  <b>Panel Members:</b>	<b>Topic:</b> Improving Human and Environmental Resilience after a Bioterrorist Attack using QMRA  <b>Moderator:</b> Stephen Schaub	<b>Topic:</b> Visualization Sciences: Research and Transition  <b>Moderator:</b> David Ebert  <b>Panel Members:</b>  Niklas Elmqvist	<b>Topic:</b> Post-secondary Homeland Security Curriculum Development for Economic, Community, and Individual Resilience  <b>Moderator:</b>

	Bill Ramsey	George Korch Elizabeth Lautner Marguerite Pappaioanou Daniel Perez	<b>Panel Members:</b> Elizabeth Casman Patrick Gurian Mark Weir	Brian Fisher Kelly Gaither John Gerth Bill Ribarsky	Christine Springer  <b>Panel Members:</b> Bethany Brown Terri Clay Keith Clement
3:00 pm – 3:30 pm	<b>Transition: 'Snack and Chat'</b>				
3:30 pm – 5:00 pm	<b>Breakout Sessions</b>				
	<b>Panel 6</b>	<b>Panel 7</b>	<b>Panel 8</b>	<b>Panel 9</b>	<b>Panel 10</b>
	<b>Topic:</b> Challenges and New Approaches for Protecting Systems-Based Infrastructures  <b>Moderator:</b> Morgan Hennessey  <b>Panel Members:</b> Ryan Newkirk Darren Slevin Paul Williams	<b>Topic:</b> Applications of the FAZD Center Dynamic Preparedness System  <b>Moderator:</b> James Wall  <b>Panel Members:</b> Eric Myers John Picanso Mark Teachman	<b>Topic:</b> Enhancing Community Resilience to All Hazards  <b>Moderator:</b> Michael Matthews  <b>Panel Members:</b> David Butler Ruth Carrico Warren Edwards Thomas Robl David Tilotta	<b>Topic:</b> Homeland Security Applications of Data Science Research  <b>Moderator:</b> Fred Roberts  <b>Panel Members:</b> Hans Chalupsky Dan Roth William Wallace Abdul-Aziz Yakubu	<b>Topic:</b> Building a Resilient Community through the Transition of University-Based Research  <b>Moderator:</b> Tom Kowalczyk  <b>Panel Members:</b> James Bohland Terry Holzheimer Chung-Sheng Li Clay Rogers
5:00 pm – 5:30 pm	<b>Keynote Speaker: Suzy DeFrancis, American Red Cross</b>				

## THURSDAY, March 11<sup>th</sup>, 2010

8:30 am – 8:40 am	<b>Welcome: Student Poster Winner</b>				
8:40 am – 9:00 am	<b>Keynote Speaker: Matthew Clark, Director, Office of University Programs</b>				
9:00 am – 10:00 am	<b>Plenary 3: What Makes a Resilient Community?</b>				
	<b>Moderator:</b> Rick Lempert, Research Lead & Chief Scientist, Human Factors Division <b>Panel Members:</b> David Kaufman Ji Sun Lee Fran Norris Gavin Smith				
10:00 am – 10:15 am	<b>Break</b>				
10:15 am – 11:15 am	<b>Plenary 4: What Makes the International Community Resilient?</b>				
	<b>Moderator:</b> Paul Ragsdale, Science Advisor, International Cooperative Programs Office <b>Panel Members: Homeland Security Subject Matter Experts from the International Community</b> Khoen Liem, Directorate General for Enterprise and Industry, European Commission Johan von Schreeb, MD, PhD, Karolinska Institutet, Division of International Health IHCAR, Sweden Ian Stewart, Deputy Commissioner, Queensland Police Service and Member, National Counter Terrorism Committee, Australia				
11:15am – 11:30 am	<b>Break</b>				
11:30 am – 12:30 pm	<b>Plenary 5: What Makes the Infrastructure Resilient?</b>				
	<b>Moderator:</b> Chris Doyle, Director, Infrastructure and Geophysical Division <b>Panel Members:</b> Mary Ellen Hynes Brian Jenkins Shaun Kennedy Brian Scott				
12:30 pm – 1:30 pm	<b>Lunch</b>  <b>Keynote Speaker: President Charles Steger, Virginia Tech University</b>				
1:30 pm – 1:45 pm	<b>Transition to Breakout Sessions</b>				
1:45 pm – 3:15 pm	<b>Breakout Sessions</b>				
	<b>Panel 11</b>	<b>Panel 12</b>	<b>Panel 13</b>	<b>Panel 14</b>	<b>Panel 15</b>
	<b>Topic:</b> Challenges in Suspicious Activity Reporting (SAR)  <b>Moderator:</b> Michael Orosz  <b>Panel Members:</b> Joan McNamara Melissa Smislova Henry Willis	<b>Topic:</b> Community Resilience as a Function of State and Local Government  <b>Moderator:</b> Gary LaFree  <b>Panel Members:</b> Sabrina Mattson Rose Pfefferbaum Mark Tompkins	<b>Topic:</b> Resiliency on the Border: Cross-Border Risk Management and Security  <b>Moderator:</b> Victor Talavera  <b>Panel Members:</b> Ricardo Blazquez Jaime Garcia Richard Posthuma	<b>Topic:</b> Threats and Resiliency in the Arctic North  <b>Moderator:</b> Roy Wilkens  <b>Panel Members:</b> Margo Edwards John Farrell John Oliver Buck Sharpton	<b>Topic:</b> Building the DHS Workforce through Educational Opportunity  <b>Moderator:</b> Dave Newton  <b>Panel Members:</b> Sam Musa Cheryl

			Juan Villa		Seminara Stephanie Willett
3:15 pm – 3:30 pm	<b>Transition</b>				
3:30 pm – 5:00 pm	<b>Breakout Sessions</b>				
	<b>Panel 16</b>	<b>Panel 17</b>	<b>Panel 18</b>	<b>Panel 19</b>	<b>Panel 20</b>
	<p><b>Topic:</b> Risk Perception and Communication to Enhance Resilience</p> <p><b>Moderator:</b> Richard John</p> <p><b>Panel Members:</b> William Burns Robin Dillon-Merrill Heather Rosoff Tim Sellnow</p>	<p><b>Topic:</b> Terrorism Trends: Understanding Threat to Enhance Resilience</p> <p><b>Moderator:</b> Kathleen Smarick</p> <p><b>Panel Members:</b> Gary Ackerman Rebecca Denning Gary LaFree</p>	<p><b>Topic:</b> Creating Resilient Border Security Infrastructure and Systems</p> <p><b>Moderator:</b> Elyse Golob</p> <p><b>Panel Members:</b> Neville Cramer Bojan Cukic Doris Meissner Jay Nunamaker</p>	<p><b>Topic:</b> Maritime Security: From Preparedness and Response to Resilient: The Urban Port and Inland Waterway</p> <p><b>Moderator:</b> Michael Bruno</p> <p><b>Panel Members:</b> Kevin Kiefer Ed Merkle Jeff Nickerson James Platske</p>	<p><b>Topic:</b> Building Community Resilience in the K–12 Market</p> <p><b>Moderator:</b> Tom Kowalczyk</p> <p><b>Panel Members:</b> Mark Casto Claire Duggan Ric Ledbetter Dan Wendel</p>
5:00 pm – 5:30 pm	<b>Keynote Speaker: The Honorable George Pataki, Former Governor of New York State</b>				

## Friday, March 12<sup>th</sup>, 2010

8:30 am – 8:40 am	<b>Welcome: Starnes Walker, Director of Research, S&amp;T</b>				
8:40 am – 9:00 am	<b>Keynote Speaker: Brian Kamoie, Senior Director for Preparedness Policy, White House National Security Staff</b>				
9:00 am – 9:15 am	<b>Transition to Breakout Sessions</b>				
9:15 am – 10:45 am	<b>Breakout Sessions</b>				
	<b>Panel 21</b>	<b>Panel 22</b>	<b>Panel 23</b>	<b>Panel 24</b>	<b>Panel 25</b>
	<p><b>Topic:</b> Hazards Resilience: A New Approach to Forecasting the Coastal Impacts of Hurricanes</p> <p><b>Moderator:</b> Tom Richardson</p> <p><b>Panel Members:</b> Shahrouz Aliabadi Himangshu Das Gordon Skelton Jennifer Wozencraft</p>	<p><b>Topic:</b> Transportation System Resiliency</p> <p><b>Moderator:</b> Dan Schultz</p> <p><b>Panel Members:</b> Michael Accorsi Vincent Henry Chris Kozub Edward Pohl</p>	<p><b>Topic:</b> Crisis Standards of Care</p> <p><b>Moderator:</b> Gabe Kelen</p> <p><b>Panel Members:</b> Elizabeth Lee Daugherty Dan Hanfling Darren Mareiniss Sally Phillips</p>	<p><b>Topic:</b> Intelligent Detection and Deterrence Using Resilient Policies and Distributed Equipment</p> <p><b>Moderator:</b> Michael Silevitch</p> <p><b>Panel Members:</b> Carl Crawford Lisa Dolev Carey Rappaport Roshni Sherbondy</p>	<p><b>Topic:</b> Building an S&amp;T Strong First Responder Community through Educational and Training Partnerships</p> <p><b>Moderator:</b> Mike Tobia</p> <p><b>Panel Members:</b> Diana Beecher William Pottenger Fred Roberts Brian Schaedel</p>
10:45 am – 11:00 am	<b>Transition</b>				
11:00 am – 12:30 pm	<b>Breakout Sessions</b>				
	<b>Panel 26</b>	<b>Panel 27</b>	<b>Panel 28</b>	<b>Panel 29</b>	<b>Panel 30</b>
	<p><b>Topic:</b> Promoting Psychological Resiliency in Disasters</p> <p><b>Moderator:</b> Gavin Smith</p> <p><b>Panel Members:</b> Connie Best Mary Lou Kelley Ken Ruggiero Kathleen Sherrieb</p>	<p><b>Topic:</b> Prevention Strategies for Surface Transportation Systems</p> <p><b>Moderator:</b> Sonya Proctor</p> <p><b>Panel Members:</b> Bob Rzemieniewski Brian Jenkins Carol Lewis</p>	<p><b>Topic:</b> Resilience in the Face of Pandemics</p> <p><b>Moderator:</b> Lynn Goldman</p> <p><b>Panel Members:</b> Joshua Epstein Andrew Garrett Adam Rose</p>	<p><b>Topic:</b> Structures Resilient to Blast Effects</p> <p><b>Moderator:</b> Jimmie Oxley</p> <p><b>Panel Members:</b> Eve Hinman Shalva Marjanishvili Arun Shukla Nancy Sottos</p>	<p><b>Topic:</b> Research Transition Pathways Roundtable</p> <p><b>Moderator:</b> Tom Kowalczyk</p> <p><b>Panel Members:</b> Virginia Chappelle Tyler Foulkes Joe Garofalo Clay Rogers Beth Windisch</p>
12:30pm – 1:30pm	<p><b>Lunch</b></p> <p><b>Keynote Speaker: Stephen Flynn, President, Center for National Policy</b> <b>Author of: The Edge of Disaster: Rebuilding a Resilient Nation</b></p>				