



Summit Conference Agenda



2009 University Programs Summit Information
 Partnerships for a Safer World
 Today's Research & Education... Tomorrow's Security
 March 16th -19th, 2009
 8:00 am - 5:00 pm

MONDAY, March 16th, 2009

5:00 pm - 7:00 pm	Student Poster Session and Early Summit Registration
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TUESDAY, March 17th, 2009

8:00 am - 5:00 pm All Day	Student Poster Session, Grand Ballroom Foyer	
8:00 am - 8:30 am	Welcome Ceremony: U.S. Customs and Border Protection National Honor Guard	
	Welcome: Matthew Clark, Director of University Programs for Science and Technology	
8:30 am - 9:00 am	Keynote Speaker: Bradley Buswell, Acting Under Secretary for Science and Technology - <i>Invited</i>	
9:00 am - 10:00 am	Plenary 1: Human Factors Behavioral Sciences	
	Topic: Data Needs for Radicalization Studies: Partnering Challenges	
	Moderator: Rick Lempert Panel Members: Gary Ackerman Marc Sageman Allison Smith	
10:00 am - 10:15 am	Transition Break	
10:15 am - 11:15 am	Plenary 2: Borders and Maritime	
	Topic: Achieving Border and Maritime Security: Partnership, Collaboration and Integration	
	Co-Moderators: Jeanne Lin and Theo Gemelas Panel Members: Michael Bruno Jay Nunamaker Jose Riojas Roy Wilkens	
11:15 am - 12:15 pm	Plenary 3: Centers of Excellence Projects	
	Research Project: Understanding the Dynamics that Drive IEDs Panel Members: Gary LaFree Allison Smith	Research Project: Port Operations Modeling for Security Risk Management and Resource Allocation (PORTSEC) Panel Members: David Cooper George Cummings Isaac Maya Michael Orosz

12:15 pm - 1:30 pm	Lunch				
	Keynote Speaker: Admiral James Loy				
	Student Award Presentation				
1:30 pm - 1:45 pm	Transition Break				
1:45 pm - 3:15 pm	Breakout Sessions:				
	Panel 1:	Panel 2:	Panel 3:	Panel 4:	Panel 5:
	Topic: Risk Analysis for Homeland Security Solutions	Topic: The Global Terrorism Database: An Expanded and Revised Resource for Understanding Trends in Terrorism	Topic: Detection and Rapid Screening in a Border Environment	Topic: Sensor Technologies to Support Maritime Domain Awareness	Topic: Student Research on Social Network Analysis of Terrorism and Responses to Terrorism
	Moderator: Vicki Bier	Moderator: Kathleen Smarick	Moderator: Elyse Golob	Moderator: Roy Wilkens	Moderator: Kate Worboys
	Panel Members: James Curren Richard John Don Kleinmuntz Milind Tambe	Panel Members: Charles Blair Laura Dugan Gary LaFree John Wigle	Panel Members: Jason Ackleson John Denver Jay Nunamaker	Panel members: Curt Dubay Scott Glenn Buck Sharpton Frank Sisto	Panel Members: Ian Anderson Christine Bevc David Caspi James Hendrickson Alexandra Jordan
3:15 pm - 3:30 pm	Transition Break				
3:30 pm - 5:00 pm	Breakout Sessions:				
	Panel 6:	Panel 7:	Panel 8:	Panel 9:	Panel 10:
	Topic: Economic Consequence and Resilience Analysis	Topic: Dissent, Extremism, and Terrorism: Understanding the Range of Actors	Topic: Interagency Cooperation and Customer-Based Support Approach to Border Security and Immigration	Topic: Marine Transportation Systems (MTS) Resiliency and Continuity of Operations	Topic: Using Stakeholder Input to Develop Multi-Institutional Graduate Education Programs
	Moderator: Adam Rose	Moderator: Kathleen Smarick	Moderator: Luis Barker	Moderator: Michael Bruno	Moderator: Curtis Kastner
	Panel Members: Brock Blomberg Carol Mansfield Bruce McCarl Kerry Smith Jeff Werling	Panel Members: Victor Asal Steven Chermak Joshua Freilich Brent Smith Jonathan Wilkenfeld	Panel Members: Ronald Colburn Mark Haselkorn Robert Jacksta Richard Posthuma	Panel members: Todd Owen James Rice Jr. Brian Sauser	Panel Members: Richard Linton Abbey Nutsch

WEDNESDAY, March 18th, 2009

8:00 am - 5:00 pm All Day	Centers of Excellence Displays , Grand Ballroom Foyer	
8:00 am - 8:05 am	Welcome: Starnes Walker, Director of Research for Science and Technology	
8:05 am - 9:00 am	Keynote Speaker: Detlof von Winterfeldt, Director, International Institute for Applied Systems Analysis, Austria	
	Keynote Speaker: Paul Morrissey, Assistant Director, Office of Protective Research, U.S. Secret Service	
9:00 am - 10:00 am	Plenary 4: Infrastructure Geophysical	
	Topic: Minimizing Disruptions for a Resilient America Moderator: Nabil Adam Panel Members: Chris Doyle Keith Holtermann Gabe Kelen Colonel Merrick E. Krause Gavin Smith	
10:00 am - 10:15 am	Transition Break	
10:15 am - 11:15 am	Plenary 5: Explosives	
	Topic: Basic Research Needs to Address the Counter-IED Threat Moderator: Doug Bauer Panel Members: Ruth Doherty Robert Dye Daniel Shevitz Michael Silevitch Jimmie Oxley	10:00 a.m. - 12:00 p.m. Grants Writing Workshop Pathways to Success: Applying for DHS Science and Technology Grants Auditorium
11:15 am - 12:15 pm	Plenary 6: Centers of Excellence Projects	
	Research Project: The Scientific Basis for the Creation of Medical Surge Capacity Panel Members: Gabor Kelen Nitin Natarajan James Scheulen	Research Project: Community And Regional Resilience Initiative (CARRI) Panel Members: Warren Edwards Tom Wilbanks
12:15 pm - 1:30 pm	Lunch	
	Keynote Speaker: W. Ross Ashley, III, Assistant Administrator, Grants Programs, Federal Emergency Management Agency, Department of Homeland Security	
	Keynote Speaker: Gale Rossides, Acting Administrator for the Transportation Security Administration	

1:30 pm - 1:45 pm	Transition Break				
1:45 pm - 3:15 pm	Breakout Sessions:				
	Panel 11:	Panel 12:	Panel 13:	Panel 14:	Panel 15:
	<p>Topic: Seeking Partnerships through New Research Initiatives</p> <p>Moderator: Rick Luettich</p> <p>Panel Members: Jennifer Butler Baxter Vieux Margery Overton</p>	<p>Topic: Infrastructure of the Future</p> <p>Moderator: Mila Kennett-Reston</p> <p>Panel Members: Michael Accorsi A.F.M. Anwar Kevin Hall George Rossetti</p>	<p>Topic: Detection and Surveillance of Biothreats and Emerging Infectious Diseases</p> <p>Moderator: Lynn Goldman</p> <p>Panel Members: Frank Busta Padmini Ramachandran Richard Rothman</p>	<p>Topic: Towards a Comprehensive Counter IED Program: Video Analytics</p> <p>Co-Moderators: David Castañon Michael Silevitch</p> <p>Panel Members: John Pearson Jimmie Oxley Richard Radke Venkatesh Saligrama Mario Sznaier</p>	<p>Topic: Intercity Bus and Rail Educational and Training Activities</p> <p>Moderator: Michael Tobia</p> <p>Panel Members: Vincent Henry Chris Kozub Abdul Turay</p>
3:15 pm - 3:30 pm	Transition Break				
3:30 pm - 5:00 pm	Breakout Sessions:				
	Panel 16:	Panel 17:	Panel 18:	Panel 19:	Panel 20:
	<p>Topic: Coastal and Ocean Engineering Education: Relative Focus on Natural Disaster</p> <p>Moderator: Robert Whalin</p> <p>Panel Members: Bob Dean Billy Edge</p>	<p>Topic: Improving Security and Reducing Vulnerabilities in Transportation</p> <p>Moderator: Amy Donahue</p> <p>Panel Members: Frances Edwards Carol Lewis</p>	<p>Topic: Community Resiliency</p> <p>Moderator: Lynn Goldman</p> <p>Panel Members: Terri Adams-Fuller Thomas Kirsch Kathleen Tierney</p>	<p>Topic: Toward a Comprehensive Counter-IED Program</p> <p>Moderator: Jimmie Oxley Co-Moderator: Rich Moro</p> <p>Panel Members: Robert Lieberman William Marinelli Arun Shukla</p>	<p>Topic: Infrastructure Resiliency</p> <p>Moderator: Michael Matthews</p> <p>Panel Members: Mustafa Altinakar Frank DeNap Warren Edwards</p>

THURSDAY, March 19th, 2009

8:00 am - 5:00 pm All Day	Centers of Excellence Displays, Grand Ballroom Foyer		<p style="text-align: center; color: blue;">Live Demonstration: Making Hollywood Fantasies a Reality!</p> <p style="text-align: center;">All Day Ongoing Demonstrations Meeting Room 18, Ball Room Level</p>
8:00 am - 8:10 am	Welcome: Bradley I. Buswell, Acting Under Secretary, Science & Technology Directorate, U.S. Department of Homeland Security		
8:10 am - 9:00 am	Keynote Speaker: Congressman Bennie Thompson, Democratic Chairman of the Committee for Homeland Security		
	Keynote Speaker: Harold J. Raveché, President of Stevens Institute of Technology		
	Keynote Speaker: Rear Admiral Wayne E. Justice, Assistant Commandant for Capability, U.S. Coast Guard		
9:00 am - 10:00 am	Plenary 7: Command, Control and Interoperability		
	<p>Topic: Coast Guard, Port and University Co-Creation of Regional Research for Enhanced Maritime Security and Societal Resilience</p> <p>Moderator: Joe Kielman</p> <p>Panel Members: Suzanne Englebert Mark Haselkorn Gael Tarleton</p>		
10:00 am - 10:15 am	Transition Break		
10:15 am - 11:15 am	Plenary 8: Chemical and Biological		
	<p>Topic: Research Needs of the Chemical and Biological Division</p> <p>Moderator: Keith Ward</p> <p>Panel Members: Neville Clarke Chuck Haas Pete Pesenti</p>		
11:15 am - 12:15 pm	Plenary 9: Centers of Excellence Projects		
	<p>Research Project: Food Agriculture Sector Criticality Assessment Tool (FAS-CAT)</p> <p>Panel Members: John Hoffman Paul Williams</p>	<p>Research Project: Industry Applications of Modeling Catastrophic Disease Effects in Confined Livestock Operations</p> <p>Panel Members: Neville Clarke Bruce McCarl Ross Wilson</p>	<p>Research Project: Future Needs and Uses for Quantitative Microbial Risk Assessment (QMRA)</p> <p>Panel Members: Stephen Morse Stig Regli Alan Roberson</p>
12:15 pm - 1:30 pm	Lunch		

	Keynote Speaker: David V. Aguilar, Chief, United States Border Patrol				
	Keynote Speaker: Harold Schmitz, Chief Science Director, Mars Inc.				
1:30 pm - 1:45 pm	Transition Break				
1:45 pm - 3:15 pm	Breakout Sessions:				
	Panel 21:	Panel 22:	Panel 23:	Panel 24:	Panel 25:
	Topic: Consequence Modeling for Systems-Based Infrastructures Moderator: Frank Busta Panel Members: Emma Hartnett John Hoffman Mike Orosz Fred Roberts	Topic: Biological Systems for Foreign Animal and Zoonotic Defense Moderator: Gary Snowden Panel Members: Garry Adams Tammy Beckham George Bettinger Mike McIntosh	Topic: Advancing Exposure Science Moderator: Chuck Haas Panel Members: Ryan Austin Patrick Gurian Syed Hashsham Mark Weir	Topic: Research to Reality Moderator: David Ebert Panel Members: Alan MacEachren William Pike William Ribarsky	Topic: Critical Pathways to 21 st Century National Security Careers Moderator: Van Reidhead Panel Members: Lenora Peters-Gant Sandra Hansmann Xi Chen Jason Ackleson Justin Kastner Anne Ohlrich Raphael Isokpehi Edu Suarez-Martinez
3:15 pm - 3:30 pm	Transition Break				
3:30 pm - 5:00 pm	Breakout Sessions:				
	Panel 26:	Panel 27:	Panel 28:	Panel 29:	Panel 30:
	Topic: Risk Communication as an Intervention Strategy Moderator: Timothy Sellnow Panel Members: Anthony Flood Robert Littlefield Matthew Seeger	Topic: Models and Databases for Decision-Makers on Foreign Animal and Zoonotic Diseases Moderator: Neville Clarke Panel Members: John Hoffman Mark Teachman Jim Wall	Topic: Advancing Consequence Modeling and Decision-Making Moderator: Chuck Haas Panel Members: Jade Blackwood Patrick Gurian Tao Hong Yin Huang Toru Watanabe Mark Weir	Topic: Visual Analytics and Discrete Science Integration into the DHS Center of Excellence Program Moderator: David Ebert Panel Members: Mark Haselkorn Bill Ribarsky	Topic: Student Research in Visual Analytics For A Safer Nation Moderator: Alan MacEachren Panel Members: Carsten Görg Ross Maciejewski Brian Tomaszewski

5:00 pm - 5:30 pm

Closing: Matthew Clark, Director of University Programs for Science and Technology

Closing Ceremony: U.S. Customs and Border Protection National Honor Guard

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