DHS Science & Technology Directorate

Interagency & First Responder Division

Mary Hanson
Director, Southern Region Interagency Coordination
Just what is

“interagency coordination??”
Intra-?

Inter-?

Interminable??
Extending The Reach …

- Because Congress tells us to…
- Because our budgets have limits…
- Because duplication exists…
- Because the taxpayers deserve it…

Because it’s the right thing to do
On The Road & Face to Face

Examples – Hanson Travel - NOV07-NOV08

- Joint Combat Technology Demonstration (JCTD) Conference – Northern Command - Denver CO - DEC07
- FEMA RIV Regional Interagency Steering Committee (RISC) Meeting – Atlanta GA - FEB08
- Y12 DOE Facility – Site Visit - Oakridge TN – FEB08
- FEMA RVI RISC Meeting – Denton TX – MAR08
- Navy Expeditionary Force Conference – Virginia Beach VA – MAR08
- Naval Surface Warfare Center – Site Visit - Panama City FL – MAR08
- S&E Tech Conference/DoD Tech Expo – Charleston SC – APR08
- JCTD Conference – Central Command - Tampa FL - APR08
- Bilateral Maritime Domain Awareness Exercise – Sweden – MAY08
- JCTD/S&T Conference – Southern Command – Miami FL – JUN08
- SERRI Semi Annual Review – Jackson MS – SEP08
- UAV Symposium & Expo – San Antonio TX – OCT08
- Center for Domestic Preparedness – Anniston AL – Site Visit – OCT08
- FEMA RVI RISC) Meeting – Denton TX – NOV08
- SpecOps East Warfighter Expo – Fayetteville NC – NOV08
And in Washington D.C.,

“the” interagency forum for S&T …

NSTC
Where we fit in …

What we look like …
DHS S&T Directorate

DHS U/S S&T
DHS Dep U/S S&T

CFO/PA&E/OPO
General Counsel
Corporate Communications

Director
Ops Analysis Group

Homeland Security Institute

Business Ops & Services (BIZOPS) Division
Admin & Audits (GAO/OIG)
CIO
Facilities-HQ
Human Capital
Security
Exec Secretary
CAO/OAM

Director of Research
University/Lab
Explosives Division
Chemical/Biological Division
Command, Control & Interoperability Division
Borders/Maritime Division
Human Factors Division
Infrastructure/Geophysical Division

Director of Innovation
HSARPA, SBIR

Director of Transition
Tech Solutions

Director
T&E Standards

Director
S&T Special Programs

Director
InterAgency/First Responder and International Programs
Interagency/First Responder Programs

DHS S&T Interagency & First Responder Division 2008
Randel Zeller, SES Division Director
Bray Barnes, SES First Responder Coordination

Principal Partners:
First Responder Associations;
OSD; NORTHCOM, SOUTHCOM, CENTCOM, JFCOM, STRATCOM;
DOJ; National Guard Adjutants General – National Guard Bureau;
DHS Labs; DOE National Labs;
FEMA Regional Administrators;
DHS-OIP’s PSAs; CA Governor’s Office; NV Governor’s Office
Interagency Assignments

Division Assignments:

Explosives and Human Factors (EXD & HFD)  
Infrastructure/Geo and Chem/Bio (IGD & CBD)  
**Borders/Maritime and C21 (BMD & CID)**  
Corp. Comm Support – West Coast  
Corp. Comm Support - East Coast

Geographic Assignments:

FEMA I and II  
FEMA III and V  
**FEMA IV and VI**  
FEMA VII and VIII  
FEMA IX and

Susan Law  
Mike Smith  
Mary Hanson  
Linda Vasta  
Mitch Erickson  
Mitch Erickson  
Mike Smith  
Mary Hanson  
Susan Law  
Linda Vasta
Homeland Enabling Research Organizations

DHS S&T Directorate

DHS RESEARCH AFFILIATES
- DHS Labs
- National Labs
- HSI Centers of Excellence

PRIVATE SECTOR PARTNERS
- International
- Associations
- Industry

FEDERAL PARTNERS
- DoD
- DoE
- DoJ
- DoT
- HHS
- NASA
- NIH
- NIST
- NOAA
- NSF
- UARCs

INTERNATIONAL INDUSTRY ASSOCIATIONS

PRIVATE SECTOR PARTNERS

FEDERAL PARTNERS
Using the network for federal S&T partners:

NSTC
Section 2. Membership.

The Council shall comprise the:

- President, who shall serve as Chairman of the Council;
- Vice President, Secretaries of Commerce, DOD, DOE, DHS, HHS, State, DOI, Administrator of NASA, EPA, Director of NSF, OSTP, OMB,
- National Security Adviser;
- Assistant to the President for Economic Policy;
- Assistant to the President for Domestic Policy; and
- Such other officials of executive departments and agencies as the President may, from time to time, designate.
NATIONAL SCIENCE and TECHNOLOGY COUNCIL
COMMITTEE ON HOMELAND AND NATIONAL SECURITY (CHNS)

Subcommittees (SC)/Interagency Working Groups (IWG)/Task Forces (TF)

Decontamination Standards and Technology (DST) – SC - Charter Exp. 12/13
Co-Chairs:  Elizabeth George (DHS), George Gray (EPA)
Executive Secretary:  Tod Companion (DHS-contractor)
202-254-6619, tod.companion@associates.dhs.gov

Domestic Improvised Explosive Devices (D-IED) – SC – Charter Exp. 3/09
Co-Chairs:  Ruth Doherty (DHS), Jeff David (CTTSO TSWG)
Executive Secretary:  Sonja Rodriguez (DHS)
202-254-5867, Sonja.Rodriguez@dhs.gov

Electric Grid Vulnerability (EGV) – TF - Terms of Reference in Draft 10/08
Co-Chairs:  Mike Aimone (DoD), Patt Hoffman (DOE)
Executive Secretary:  Scott Push (DHS) – scott.pugh@dhs.gov

Foreign Animal Disease Threat (FADT) – SC – Charter Exp 3/09
Co-Chairs:  Elizabeth George (DHS), Steve Kappes (USDA)
Executive Secretary:  Anthony Ho (DHS-contractor)
202-254-5856, Anthony.Ho@associates.dhs.gov

Human Factors for Homeland & National Security (HFHNS)–SC–Charter Exp. 12/09
Co-Chairs:  Sharla Rausch (DHS), Bob Foster (DOD), Scott Sarlin (ODNI)
Executive Secretary:  Charlene Milliken (DHS)
202-254-5637, charlene.milliken@dhs.gov

Infrastructure (ISC) – SC - Charter Exp. 12/13– revised draft awaiting final signatures
Chairs:  Mary Ellen Hynes (DHS), John G. Voeller (OSTP)
Executive Secretary:  Gwen Hall (Hicks & Assoc-contractor.)
571-239-3081, Gwendolyn.m.hall@saic.com

Nuclear Defense Research and Development (NDRD) – SC - Charter Exp. 3/09
Chair:  Tammy Taylor (OSTP)
Executive Secretary:  Charles Morin (DTRA A&AS Contractor)
703-767-4030, Charlie.Morin_contractor@dtra.mil

Standards – SC - Charter Exp. 12/13 – draft awaiting final signatures
Co-Chairs:  Bert Coursey (DHS), ________________
Executive Secretary:  Tod Companion (DHS-contractor)
202-254-6619, tod.companion@associates.dhs.gov
We reinforce existing procedures and work with existing networks.

(No free-lancing!)
High Priority Technology Needs

- S&T investments are tied directly to the technology needs of our customers, represented by leadership of DHS components, and their customers on the front lines of homeland security.

- Requirements are updated on an annual cycle aligned with DHS funding and acquisition processes.

- **New!** Updated High Priority Technology Needs booklet identifying 94 technology needs of DHS components and their customers.

*Customer Focused…Output Oriented*
Doing Business with DHS S&T

Broad Agency Announcements (BAA)

Current Solicitation Topics

- **Long Range BAA** - addresses needs of 6 S&T divisions
- Explosives Detection
- Communications and Maritime Safety
- Unified Incident Command & Decision Support, Ph. 2 – Prototype Design and Pilot Development

Examples of Past Topics

- CELL ALL – Ubiquitous chem/bio sensing
- First Responder Reliable Link (First NET)
- Cyber Security R&D
- Biometric Detector
- Home Made Explosives

# Laboratory Alignment

<table>
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<tr>
<th>S&amp;T DIVISIONS</th>
<th>DOE</th>
<th>DHS</th>
<th>Other</th>
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<td>Explosives</td>
<td>LANL, PNNL, SNL, NTS, INL</td>
<td>PIADC, NBACC</td>
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<td></td>
<td>NOAA</td>
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**Standards/Test and Evaluation**

TSL / EML

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Revised 05/23/08
Regional Homeland Security S&T Summits

Northwest – May 08 - Pacific Northwest National Lab

West – Jan 09 - Nevada Test Site

Southeast – March 09 - Y12 DOE Facility

Northeast – Apr 09 - Brookhaven National Lab
About our new First Responder Program…

Mission

Provide S&T liaison, collaboration and coordination …

… with federal, state, county, tribal and local …

… law enforcement, fire, EMS, explosive ordinance disposal, hazmat, search and rescue workers

Includes collaboration with regional, state and local fusion/emergency operations centers and offices of emergency management

POC: Bray Barnes
About our new First Responder Program…

First Responder Council

To coordinate initiatives and share information

Engage First Responder leadership

Includes directorate-wide communication plan

POC: Bray Barnes
Interagency Coordination ... Extending the Reach

- Because **Congress** tells us to…

- Because our **budgets** have limits…

- Because **duplication** exists…

- Because the **taxpayers** deserve it…

Because it’s the right thing to do