



# UNCLASSIFIED

## FY 07 Outlook

### September 27, 2006

**PRESENTED TO:**

**NDIA Breakfast**

**STEPHEN V. REEVES**  
Major General, USA  
Joint Program Executive Officer  
for Chemical and Biological Defense  
(703) 681-9600

**Distribution Statement A: Approved for Public Release**



**BIOLOGICAL DEFENSE**  
Edgewood, MD  
**Col Daniel Berry** (Air Force)




**NBC CONTAMINATION AVOIDANCE**  
Edgewood, MD  
**COL Kyle Burke** (Army)



**CHEMICAL BIOLOGICAL MEDICAL SYSTEMS**  
Frederick, MD  
**COL David Williams** (Army)



**INFORMATION SYSTEMS**  
San Diego, CA  
**Mr. Scott White** (Navy)



**COLLECTIVE PROTECTION**  
Washington, DC  
**Mr. Stan Enatsky** (Navy)



**GUARDIAN**  
Falls Church, VA  
**COL Mark Malatesta** (Army)



**DECON**  
Quantico, VA  
**Mr. Will Hartzell** (Marines)



**INDIVIDUAL PROTECTION**  
Quantico, VA  
**Mr. Jim Nelson** (Marines)

# JPEO-CBD JOINT PROJECT MANAGERS



# FY 2007 CBDP Appropriations

	<b>Budget Request (\$M)</b>	<b>HAC (\$M)</b>	<b>SAC (\$M)</b>	<b>Conference Report (\$M)</b>
<b>CBDP Procurement Total</b>	\$ 506.4	\$ 512.4	\$ 520.4	\$ 519.0
<b>+/- PBR</b>		+ \$ 5.9	+ \$ 14.0	<b>+\$ 12.6</b>
<b>CBDP RDT&amp;E Total</b>	\$ 959.1	\$ 1,037.4	\$ 893.3	\$ 984.9
<b>+/- PBR</b>		+ \$ 78.3	- \$ 65.8	<b>+\$ 25.8</b>
<b>CBDP Program Total</b>	\$ 1,465.5	\$ 1,549.8	\$ 1,413.7	\$ 1,503.9
<b>+/- PBR</b>		+ \$ 84.3	- \$ 51.8	<b>+\$ 38.4</b>

**UNCLASSIFIED**



# FY 2007 CBDP RDT&E Appropriations

## Technology Base – Final Appropriation Marks

BA1: Basic Research (Request: \$99.2M/ Conference: \$104.7M) (+\$5.5M)

- *Transformational Medical Technology Initiative (-\$15.0M)*
- + 10 Unrequested Adds +\$20.5M

BA2: Applied Research (Request: \$280.4M/ Conference: \$259.9M) (-\$20.5M)

- *Transformational Medical Technology Initiative (-\$55.0M)*
- +18 Unrequested Adds +\$34.5M

BA3: Advanced Technology Development (Request: \$207.1M/ Conference: \$236.7M) (+\$29.6M)

- *Transformational Medical Technology Initiative (-\$20.0M)*
- +28 Unrequested Adds +\$49.6M

**UNCLASSIFIED**



# FY 2007 CBDP RDT&E Appropriations

## Advanced Development – Final Appropriation Marks

BA 4: Advanced Component Development & Prototypes/ Demonstration and Validation (Request: \$73.1M/ Conference: \$80.7M) (+\$7.6M)

- *Seven (7) adds for a total of \$9.6M*
- *Chemical and Biological Networked Early Warning System (-\$2.0M)*

BA5: System Development & Demonstration/ Engineering, Manufacturing and Development. (Request: \$212.1M/ Conference: \$213.2M )

- *Four (4) adds for a total of \$8.3M*
- *Joint Biological Agent Identification and Diagnostic System (Increment II) (-\$7.2M)*



# FY 2007 CBDP Procurement Appropriations

## CBDP Procurement – FY 2007 Appropriation Marks (+\$12.6M)

Installation Force Protection - JPM Guardian (Request: \$86.2M/  
Conference: \$90.1M)

- + \$2.2M for WMD-CST (Florida Army National Guard)
- + \$1.8M for WMD-CST (New York Army National Guard)

Decontamination - JPM Decon (Request: \$16.8M/ Conference: \$18.8M)

- + \$2.0M for the M291 Skin Decontamination Kit

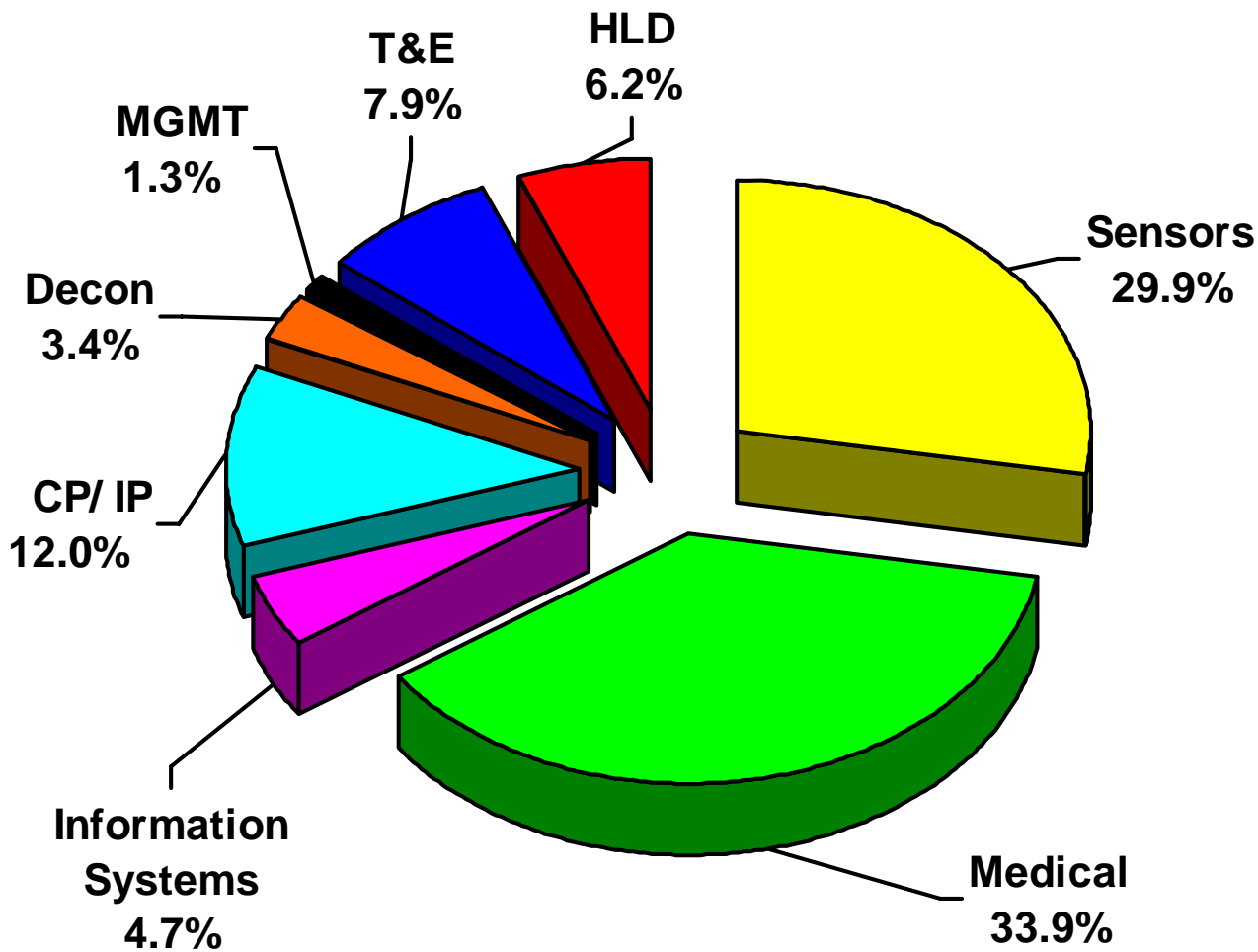
Contamination Avoidance - JPM CA (Request: \$236.1M/ Conference:  
\$242.7M)

- + \$6.6M for M22 Automated Chemical Agent Detector and Alarm for the Army National Guard

**UNCLASSIFIED**



# FY 2007 CBDP Portfolios (\$M)



UNCLASSIFIED



# FY06 Small Business Contracting Goal

## Small Business Goal – 23%

<b>Total Contract Value Year-to-Date</b>		<b>\$339.6M</b>
<b>Large Business</b>	<b>68.4%</b>	<b>\$232.5M</b>
<b>Small Business</b>	<b>31.6%</b>	<b>\$107.1M</b>

UNCLASSIFIED



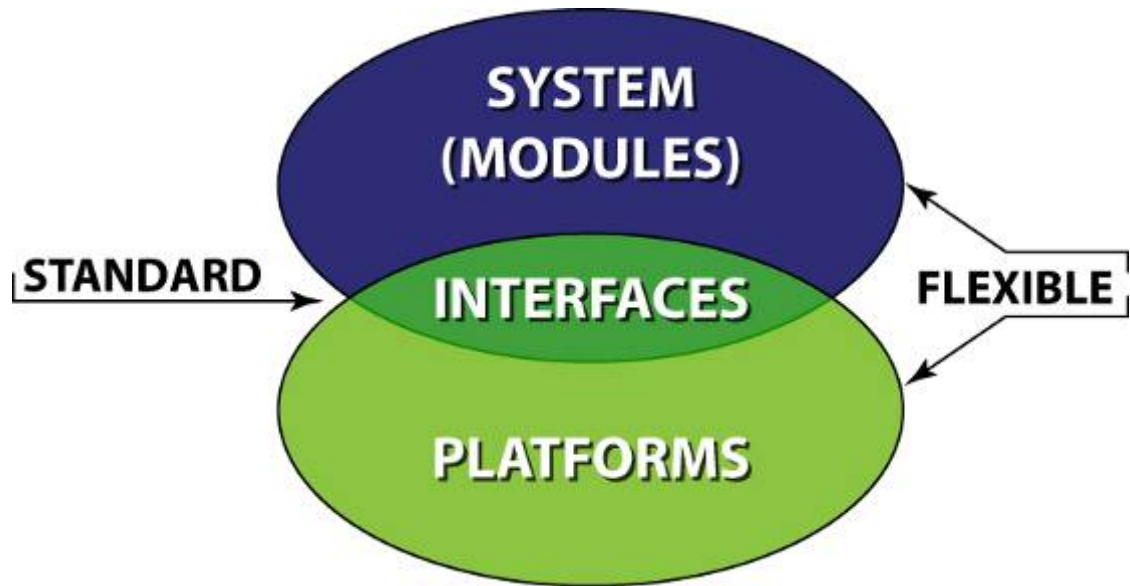


# DoD Transformation

## *...Characteristics*

- **Focus in Designing Alternative Architectures:**

- Low Unit Cost
- Modularity
- Numbers
- Speed
- Networking
- Sensing
- Innovative Designs
- Mass Customization

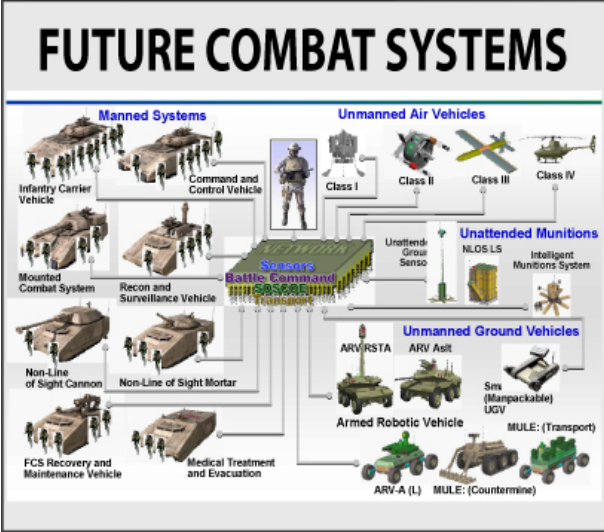


*Preserve Strategic Advantage: Innovation and the Breadth, Depth and Diversity of the Industrial Base*

UNCLASSIFIED



# Major Defense Acquisition Program Chemical/Biological Defense Program Support



**OTHERS  
Bradley, THAAD,  
CFPI, UAV...**

**UNCLASSIFIED**



# Joint CBRN Dismounted Recon System Experiment

## HYPOTHESIS

If we had a combination of currently fielded CBRN GOTS and COTS sensors and/or developmental detection and identification equipment carried in a Service survivable platform, then this will eliminate the full spectrum dismounted CBRN Reconnaissance capability gap existing within the Joint Forces and the mounted CBRN reconnaissance, assessment and surveillance capability gap.



## OBJECTIVE

- Determine CONOPS, TTPs, and capabilities required for dismounted CBRN reconnaissance for the Infantry BCT's CBRN Recon PLT, SOF Chemical Recon Det, USAF disaster preparedness teams, and USN/USCG maritime interdiction teams.
- Determine which capabilities can be effectively be fielded, trained, and maintained to these teams using COTS solutions.
- Determine what future developmental capabilities are required that can be spiraled in to these teams in the future

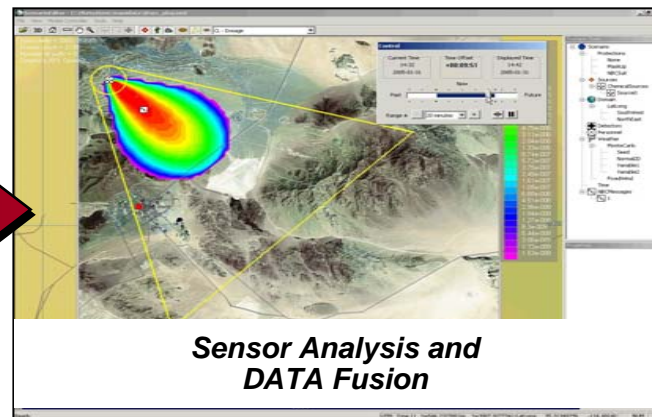
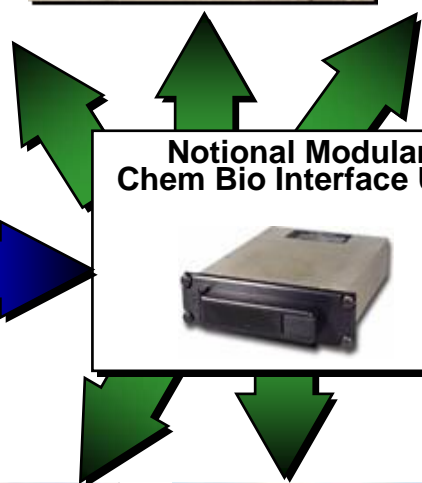
**UNCLASSIFIED**



# Modularity Vision – A Plug & Play CB System

## Two Key Parts:

- Multipurpose Interchangeable Detectors
- Common Interface and Communication System



UNCLASSIFIED



# Award Fee Contracts

- **OSD(ATL) Guidance is Response to GAO Report**
- **Guidance to Ensure Award Fees are Tied to Outcomes:**
  - **Award Fee Provisions Must Clearly Explain How Performance will be Evaluated**
  - **Fees to be Commensurate with Performance**
  - **Limitations on Unearned Award Fee Rollovers**
  - **Establish an Award Fee Community of Practice (COP)**
- **GAO Report: <http://www.gao.gov/new.items/d0666.pdf>**
- **COP at DAU: <https://acc.dau.mil/awardandincentivefees>**



# COCO Issues Update

- **Personnel Reliability Program Investigations**
  - **22 Persons Out of About a Hundred had to Travel Since 2004**
  - **ECBC will Coordinate Face-to-face Interviews to Coincide with On-site Inspection Visits**
  - **Subject to Funding, the Certifying Official Will Travel to the COCO for Special Interviews**
  
- **Ultradilute Policy**
  - **Draft Policy in Review for allowing Ultradilute Agents with Significantly Reduced Accountability Requirements**



# Industry S&T Opportunities

Opportunities	Description	Dates
FY07 Chemical and Biological Defence Initiative Fund	Pending Congressional Language Annual Broad Agency-Announcement	Expected 3d Qtr FY07 posting to FedBizOpps and Grants.gov
FY08 CB Defence Program Science and Technology Program	Broad Agency Announcement – DTRA	Expected 2dQtr FY07

The objective of the CBDIF BAA is to solicit proposals based on Congressional language from degree-granting universities, nonprofit organizations, or commercial concerns to include small businesses, in support of the Chemical and Biological Defense Program (CBDP) to fund chemical and biological defense science and technology projects across a wide-range of military operations. The CBDIF spans both the Physical Science & Technology (S&T) capability areas and the Medical S&T capability areas. Physical S&T capability areas include chemical and biological detection, individual and collective protection, decontamination, and modeling and simulation/battlespace management. Medical S&T capability areas include pre-treatments, therapeutics, and diagnostics. The goal of this initiative is to explore new and innovative ideas to fill identified technology gaps.

UNCLASSIFIED



# Industry JPEO Opportunities

<b>Opportunities</b>	<b>Description</b>	<b>Dates</b>
<b>Joint Modular Decon System</b>	<ul style="list-style-type: none"> <li>• Capability for platform interior and sensitive item decontamination</li> </ul>	<ul style="list-style-type: none"> <li>• Expected FY07</li> </ul>
<b>Joint Chemical Agent Detector</b>	<ul style="list-style-type: none"> <li>• FY07 SBIR</li> <li>• FY08 SBIR</li> </ul>	<ul style="list-style-type: none"> <li>• Oct 2006</li> <li>• Oct 2007</li> </ul>
<b>Joint Biological Tactical Detection System</b>	<ul style="list-style-type: none"> <li>• Technology Demonstration of Tactical Bio system capability</li> </ul>	<ul style="list-style-type: none"> <li>• RFP FY08/09</li> </ul>
<b>Joint Expeditionary Collective Protection System (JECP)</b>	<ul style="list-style-type: none"> <li>• Initial increment - RFP for prime contractor</li> </ul>	<ul style="list-style-type: none"> <li>• 1QFY07</li> </ul>
<b>Joint Expeditionary Collective Protection System (JECP)</b>	<ul style="list-style-type: none"> <li>• Second increment - RFP for prime contractor</li> </ul>	<ul style="list-style-type: none"> <li>• 1QFY08</li> </ul>
<b>SPAWAR Knowledge Superiority</b>	<ul style="list-style-type: none"> <li>• BAA</li> </ul>	<ul style="list-style-type: none"> <li>• Continual</li> </ul>

**UNCLASSIFIED**





# S&T Medical Upcoming Business Opportunities

Program	Estimated Target BAA Release	Target Funding Year
<b>Transformational Medical Technology Initiative</b> – BAA	<b>1Q/2QFY07 and TBD</b>	<b>FY07 – FY11</b>
<b>CB Defense Medical S&amp;T Extramural Program</b> – Tech Base – BAA	<b>1QFY07</b>	<b>FY08</b>
<b>Small Business Innovation Research (SBIR)</b> – Tech Base	<b>1QFY07</b>	<b>FY06</b>
<b>Chem-Bio Defense Initiative Fund (CBDIF)</b> – BAA	<b>3QFY06</b>	<b>FY06</b>

**UNCLASSIFIED**

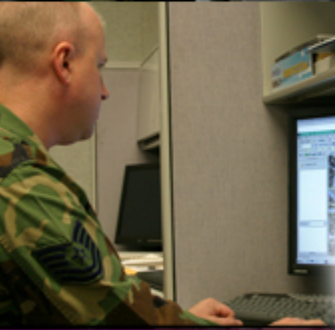


# JPEO Medical Program Business Opportunities

Program	Description	Year	Estimated Contract Value
<b>MITTS</b>			
<b>AAS</b>	<b>RFP for Prime Contractor</b>	<b>4QFY06</b>	<b>\$15-25M</b>
<b>INATS</b>	<b>RFP for Prime Contractor</b>	<b>4QFY06</b>	<b>\$20-30M</b>
<b>Medical Radiation Countermeasures</b>	<b>RFP for Prime Contractor</b>	<b>1QFY07</b>	<b>\$40-50M</b>
<b>JVAP – subcontract through DVC</b>			
<b>Plague Vaccine</b>	<b>Multiple clinical site management for Plague vaccine Phase 2 clinical trial</b>	<b>3QFY06</b>	<b>Cost is evaluated separately from technical DVC's Award based on Best Value</b>
<b>Venezuelan Equine Encephalitis (VEE) Vaccine</b>	<b>NIAID-funded Phase 2 clinical trial</b>	<b>4QFY07</b>	
<b>Recombinant Botulinum (rBot) A/B Vaccine</b>	<b>Clinical site management for rBot vaccine Phase 1B clinical trial</b>	<b>4QFY06</b>	

UNCLASSIFIED

# Joint Program Executive Office



# Chemical and Biological Defense