Chemical and Biological Defense Science & Technology

Mr. John Connell

23 JUN 2010







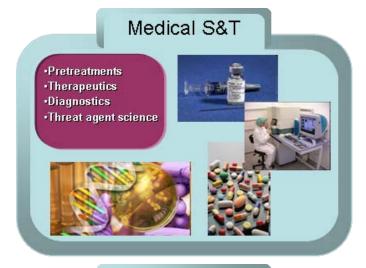


DTRA's Key Mission Areas

- Nunn-Lugar Global Cooperation Initiative
- Arms Control and Verification
- Chemical & Biological Defense
- Consequence Management
- Nuclear Deterrence and Defense
- Nuclear Detection and Forensics
- Reachback

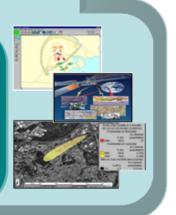


Technical Landscape

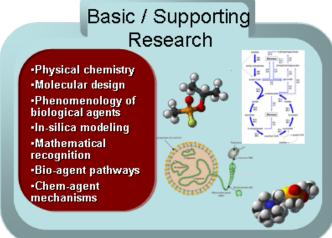




- •Modeling and simulation
- ·Situational awareness
- •Fate transport and dispersion
- ·Medical surveillance
- Data fusion
- •Medical effects modeling
- Systems biology
- ·Bioinformatics









Strategic S&T Themes

Provide an integrated capability to eliminate CB hazards as a threat to the Warfighter and the Nation





Summary

- DTRA is engaged across the total spectrum of combating WMD
 - to include leading the development of next-generation CB defense technologies
- We work with phenomenal scientists and engineers in military laboratories, academic institutions and industry
 - to ensure that the best and most promising technologies are brought forward for further development by the JPEO into products that enable warfighter capabilities
- We'd like to hear from you about where you think technology might be able to enable future capabilities