



Awareness and Localization of Explosives-Related Threats (ALERT)  
*U.S. Department of Homeland Security Center of Excellence*

Department of Homeland Security Center for Explosives Research Lead Site Visit

May 7, 2013

Raytheon Room, 240 Egan Building, Northeastern University

## AGENDA

*May 7, 2013*

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| <b>8:00 – 8:15 am</b>   | <b>Welcome and Introduction of Review Team</b> <ul style="list-style-type: none"><li>▪ Matthew Clark, Director, Office of University Programs, Science and Technology Directorate, Department of Homeland Security</li></ul>                 |
| <b>8:15 – 8:40 am</b>   | <b>Lead University and Principal Partner Welcome and Introductions</b> <ul style="list-style-type: none"><li>▪ Joseph E. Aoun, President, Northeastern University</li><li>▪ David M. Dooley, President, University of Rhode Island</li></ul> |
| <b>8:40 – 9:20 am</b>   | <b>Overview of ALERT Team and Organization</b> <ul style="list-style-type: none"><li>▪ Michael B. Silevitch, ALERT Director, Robert D. Black Professor of Engineering, Northeastern University</li></ul>                                     |
| <b>9:20 – 10:00 am</b>  | <b>Research Thrust 1: Characterization and Elimination of Illicit Explosives</b> <ul style="list-style-type: none"><li>▪ Jimmie C. Oxley, ALERT Co-Director, and Thrust Leader, Professor of Chemistry, University of Rhode Island</li></ul> |
| <b>10:00 – 10:40 am</b> | <b>Research Thrust 2: Trace and Vapor Sensors</b> <ul style="list-style-type: none"><li>▪ William B. Euler, Thrust Leader, Professor of Chemistry, University of Rhode Island</li></ul>  |
| <b>10:40 – 11:00 am</b> | <b>Break</b>   |
| <b>11:00 – 11:40 am</b> | <b>Research Thrust 3: Bulk Sensors and Sensor Systems</b> <ul style="list-style-type: none"><li>▪ Carey M. Rappaport, Thrust Leader, Professor of Electrical and Computer Engineering, Northeastern University</li></ul>                     |
| <b>11:40 – 12:30 pm</b> | <b>Research Thrust 4: Video Analytics and Signature Analysis</b> <ul style="list-style-type: none"><li>▪ David Castañón, Thrust Leader, Professor and Department Chair of Electrical and Computer Engineering, Boston University</li></ul>   |
| <b>12:30 – 1:15 pm</b>  | <b>Working Lunch and Poster Review</b>   |
| <b>1:15 – 1:40 pm</b>   | <b>E2E and Transition and Task Orders</b> <ul style="list-style-type: none"><li>▪ John Beaty, Thrust Leader, Director of Technology Programs, Northeastern University</li></ul>  |
| <b>1:40 – 2:00 pm</b>   | <b>Industrial Collaboration and Outreach</b> <ul style="list-style-type: none"><li>▪ Emel Bulat, Industrial and Government Liaison, Northeastern University</li></ul>  |

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- 2:00 – 2:30 pm**      **Education**
- Stephen W. McKnight, Education Co-Lead, Professor of Electrical and Computer Engineering, Northeastern University
  - James L. Smith, Education Co-Lead, Professor of Chemistry, University of Rhode Island
- 2:30 – 2:45 pm**      **DHS Professional Development and Training Programs**
- Jimmie C. Oxley, ALERT Co-Director, and Thrust Leader, Professor of Chemistry, University of Rhode Island
- 2:45 – 3:55 pm**      **ALERT Presentations and Discussion of Topics:**
- Management and Administrative Plan – 15”**
- Michael B. Silevitch, ALERT Director, Robert D. Black Professor of Engineering, Northeastern University
- Education – 15”**
- Jimmie C. Oxley, ALERT Co-Director, and Thrust Leader, Professor of Chemistry, University of Rhode Island
- MSI Commitment – 10”**
- Claire Duggan, Director of Programs and Operations, Center for STEM Education, Northeastern University
- Resource Commitment – 10”**
- Michael B. Silevitch, ALERT Director, Robert D. Black Professor of Engineering, Northeastern University
  - Jimmie C. Oxley, ALERT Co-Director, and Thrust Leader, Professor of Chemistry, University of Rhode Island
- Outreach and Communication – 10”**
- Kristin L. Hicks, Student Programs and Partnership Development Manager, Northeastern University
- 3:55 – 4:00**      **Wrap-Up and Closing Remarks**
- Michael B. Silevitch, ALERT Director, Robert D. Black Professor of Engineering, Northeastern University
  - Jimmie C. Oxley, ALERT Co-Director, and Thrust Leader, Professor of Chemistry, University of Rhode Island
  - Matthew Clark, Director, Office of University Programs, Science and Technology Directorate, Department of Homeland Security
- 4:00 – 4:30**      **Government Executive Session**