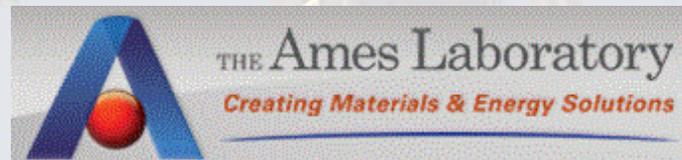
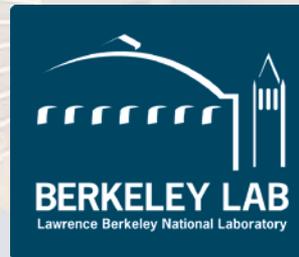


Session 3B: Leadership Solution Leadership at Science Laboratories

Presenters:
Science Lab Emergency Managers



Pacific Northwest National Lab Emergency Preparedness

Timm Bettendorf
Alisa Haller

Pacific Northwest National Laboratory

- Human Performance Improvement survey; staff response to a fire
- Working with a local university and bridging the emergency preparedness issues
- Responding to travel related emergencies

Princeton Plasma Physics Laboratory (PPPL)

Jamie Alkhateeb



Princeton Plasma Physics Laboratory

1. NightOwl Asset Tracking, the ability to track and locate ESU assets in the field during daily and emergency operations, provides layered mapping and graphics interface for on screen messages pertaining laboratory operations. NightOwl enhances overall situational awareness and has become the cornerstone of new technologies.

2. The iPad program, use of iPads for in field access to NightOwl in real-time, view emergency plans and operational procedures electronically. iPads will enable our officers to take photos while in the field, send the images instantly to supervisors and the EOC during emergencies, communicate over video conference, access ESU databases and Fire and EMS reporting.

3. In February PPPL Site Protection Division hosted a Joint Training Exercise with over seventy participants from six separate agencies. The success of the Joint Training Exercise, which enhanced not only our PPPL ESU responders skills and response interoperability but that of our MOU partners. A successful two day training weekend, multiple training stations, and skills.

Argonne National Laboratory (ANL)

Joe Kirts



Office of Emergency Management (OEM)

Key FY 2012 Successes

- New Emergency Operations Center
 - ✓ Cost \$ 300,000
 - ✓ Dedicated area 1,300 ft²
 - ✓ Dedicated breakout rooms 6
 - ✓ Features
 - Distributed Display Wall System
 - Video & audio conferencing
 - Dedicated laptop and desktop computers for EOC positions
 - Dedicated telephones for EOC positions
 - Interoperable radio communications capabilities



Office of Emergency Management (OEM)

Key FY 2012 Challenges

- OEM Staffing
 - Growth in past 2½ years 120%
 - Turnover in past 9 months 64%
 - Average staff time in position
 - > 10 years 18%
 - > 1 years 18%
 - < 2 year 18%
 - > 6 months 46%
 - Orientation, familiarization, training, & momentum
- New EOC
 - Transition to new EOC
 - Emergency Management Team familiarization in new EOC
- Continuity of Operations (COOP) plan development

Oak Ridge National Laboratory (ORNL)

Michele L. Wolfgram

ORNL is DOE's largest science and energy laboratory



- **\$1.65B budget**
- **4,400 employees**
- **3,000 research guests annually**
- **Nation's most diverse energy portfolio**
- **World's most powerful open scientific computing facility**
- **Operating the world's most intense pulsed neutron source**

ORNL Emergency Management

- 4 personnel in Emergency Management
- 43 Emergency Response Organization positions
- ~6 ERO drills/exercises conducted yearly
 - Also 3 lab-wide protective action exercises
- 5 prime contractors on site with Hazardous Material Facilities
- UT-Battelle is lead contractor (SC); other contractors are event contractors (EM)
- Total of 36 Hazardous Material Facilities onsite

Brookhaven National Laboratory (BNL)

Joe Terranova

Renewal



Notable Events

- 7 Nobel Prizes and counting.....
- Change is coming.. New Lab Director, Site Manager, NPP chair, and more
- Earthquake, Hurricane, Blackout, Sonic Boom, Brush Fires, *Aliens??*



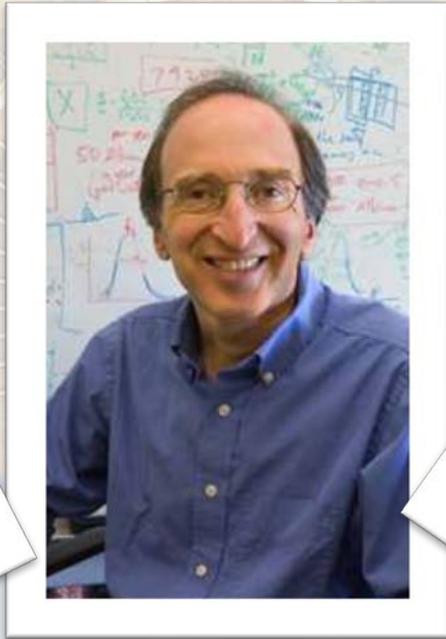
Stanford Linear Accelerator Center (SLAC)

Lance Lougee

- Lightning Strike Power Outage
- Changes in Emergency Response Model
- Emergency Response Teams Saves Lives
- Decentralized Automated ED Program
- Pre Incident Planning

Lawrence Berkeley National Laboratory (LBNL)

Rocky Saunders



LBNL

- Dr. Saul Perlmutter, 2011 Nobel Prize in Physics
- 6th Annual Emergency Prep Fair
- Over 200 LBNL CERT Graduates in three years
- Robust Exercise Program
 - Annual Exercise Program
 - No Notice Exercise Program
 - Urban Shield Exercise (2010-2012)
 - Great California ShakeOut (2010-2012)

