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Title: Los Alamos National Laboratory Update for Regional Community Leaders' Breakfast

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Los Alamos National Laboratory

Update

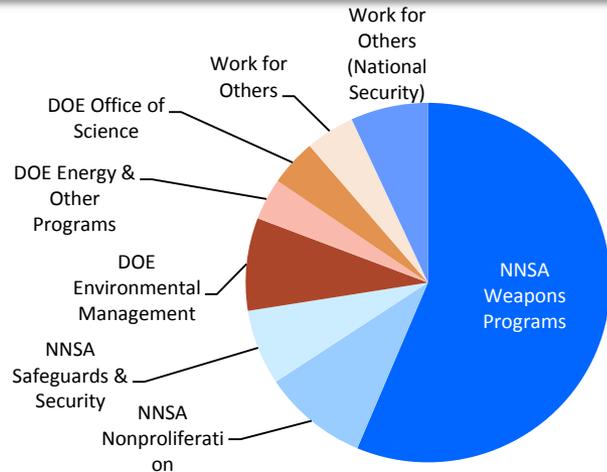
for
Regional Community Leaders'
Breakfast

Terry Wallace
Principal Associate Director
Global Security

July 24, 2012

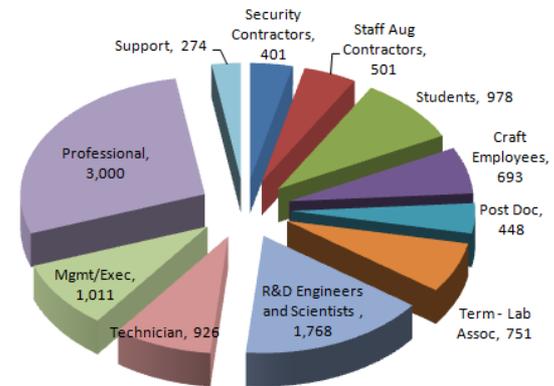
LANL Updates

FY12 Budget = \$2,252M (est)



Current Workforce = 10,751

**LANL Site Staffing Levels
10,751 Employees as of 6/30/2012**



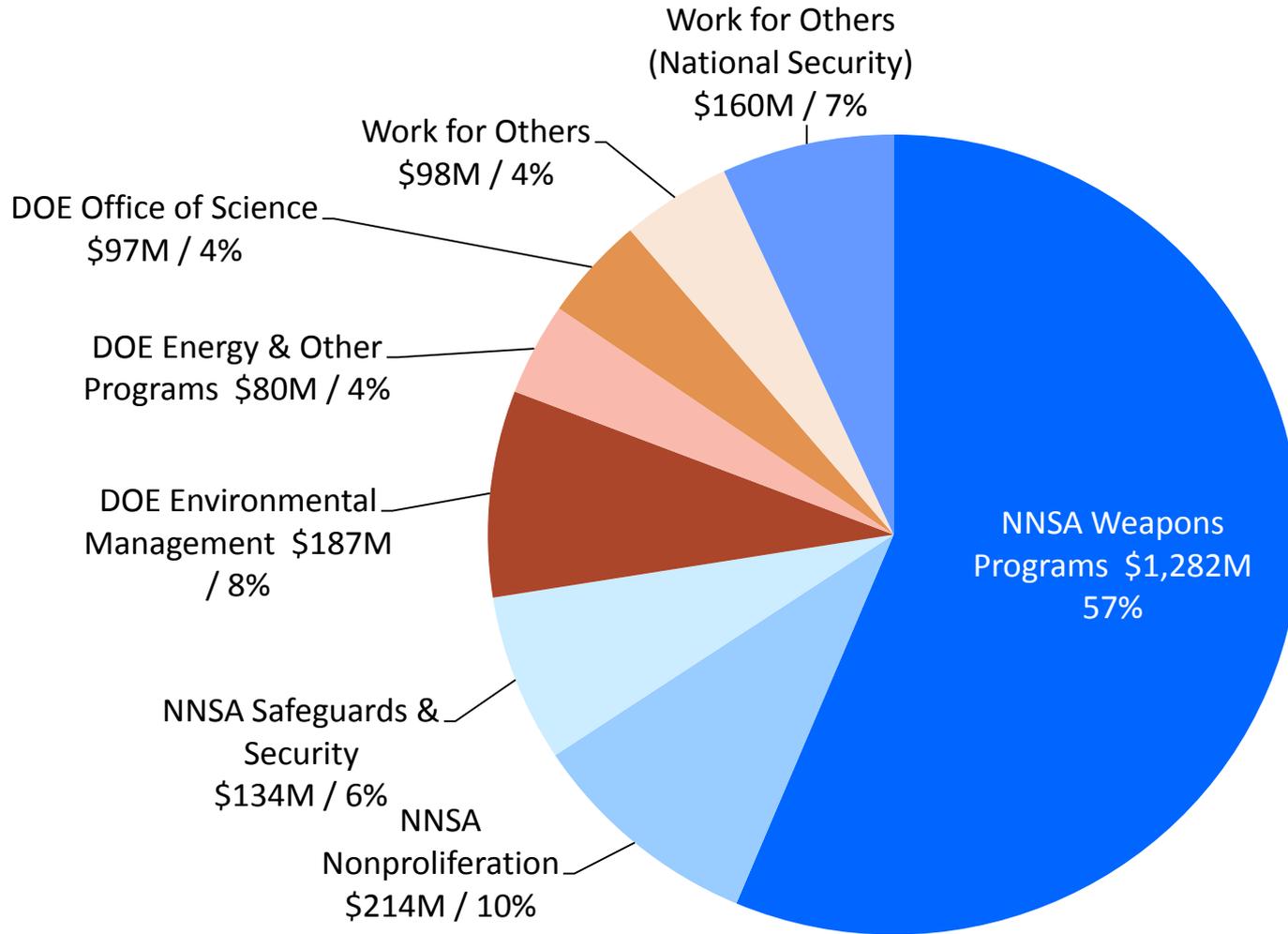
National Issues

- DoD Cost Analysis and Program Evaluation (CAPE)
- Environmental Programs – Progress in FY12
- CMRR-NF Status and Path Forward
- Global Security missions are an integral part of our strategies for the future

FY 13
?

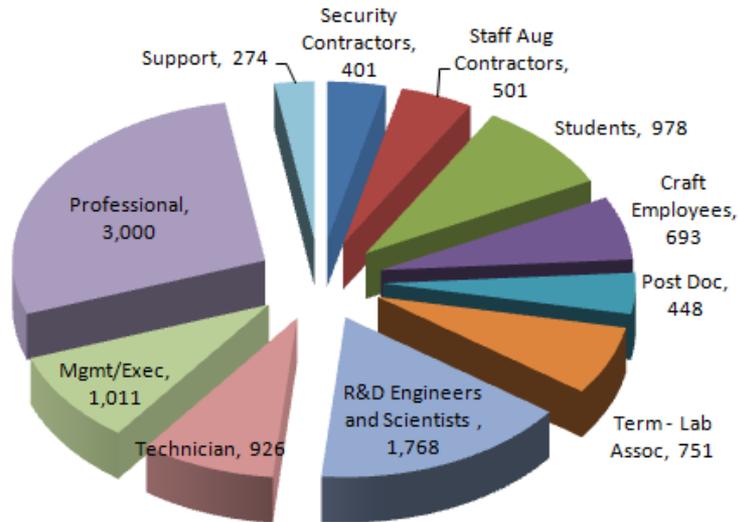
LANL has a diverse programmatic portfolio

FY12 LANL Funding by program area (over 500 B&Rs and 1,000 WFO projects)

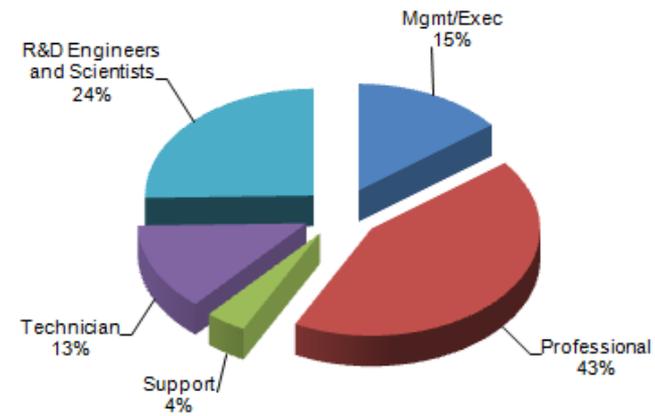


Current Workforce Profile

**LANL Site Staffing Levels
10,751 Employees as of 6/30/2012**

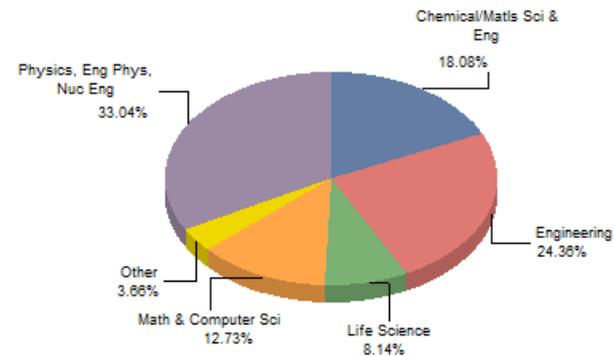


**LANL Career (Regular) Employee Distribution
6,979 Employees as of 6/30/2012**



- Career (Regular) Employees include:
- R&D Engineers and Scientists
 - Technician
 - Mgmt/Exec
 - Professional
 - Support

R & D Technical Staff Disciplines



DoD Cost Analysis and Program Evaluation (CAPE) Team review of NNSA budget

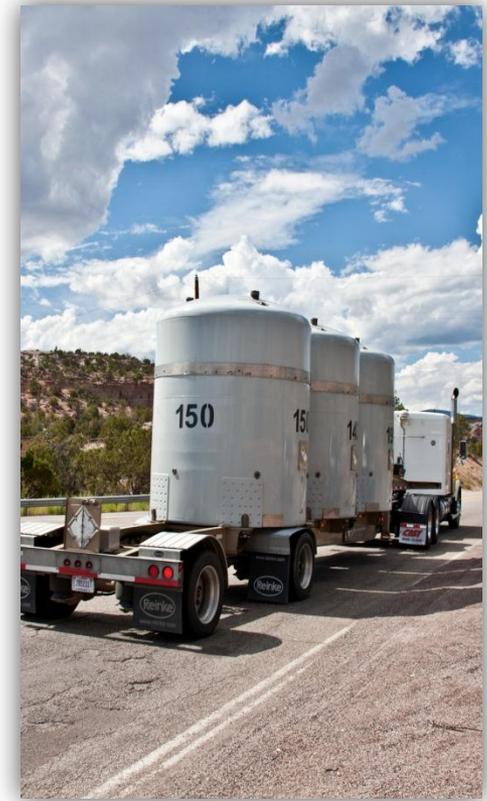
- The Department of Defense is doing an in-depth analysis of budget needs for the NNSA Weapons Programs for 2014-18
- Their involvement is greater than it has been in the past
- LANL is supporting NNSA, DoD, and the analysis with answers to technical questions

We must show that we are operating efficiently and supporting the stockpile for the present – and the future.

Environmental Programs – Progress in FY12

Significant Progress on Highest Priorities in FY12

- Removal of Above-Ground Transuranic Waste
 - Campaign is ahead of schedule
 - Recently celebrated 1,000th shipment to WIPP
- Other Key Consent Order Corrective Actions
 - Our early notification network for the Buckman water project is on line and working correctly
 - On track to meet all commitments
 - We have alignment with NMED on priority actions



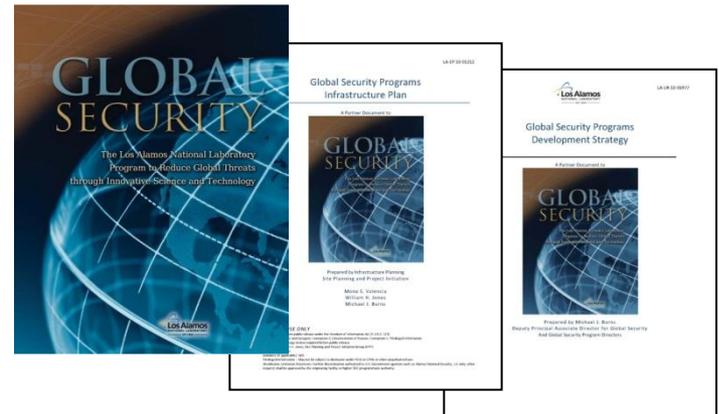
CMRR-NF Status and Path Forward

- LANL is engaged and supporting NNSA's development of an alternative plan
- The new Radiological Laboratory and Utility Office Building (RLUOB) – first phase of the CMRR project – is now open and operating
 - Only the larger Nuclear Facility is deferred
- Alternatives to the Nuclear Facility **do** include increased roles for other LANL facilities
- Specifics are still to be determined and announced by NNSA

CMRR-Nuclear Facility is deferred for five years

Our Global Security missions are an integral part of our strategies for the future

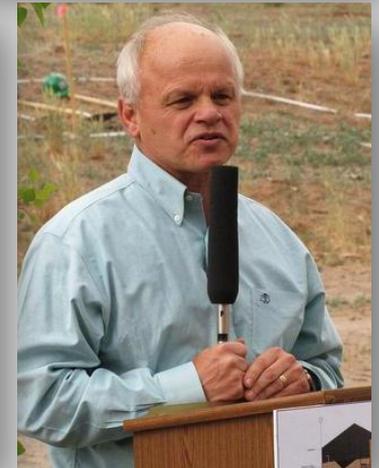
- Successful transition to PADGS by
 - Integrating the capabilities model into how we perform work, including realignment of organizations and program;
 - Methodically engaging customers and potential customers;
 - Implementing a formal project accountability and execution system;
 - Updating the multi-year strategy for program improvement
- Working hard to identify scope for available program money so that we can alleviate our weapons program funding shortfalls
 - WFO sponsors have a tendency to advance money that is out-year scope or does not have scope



The NM Consortium Biology Laboratory is our successful collaboration with academia, local government, and private financing

SCIENCE HIGHLIGHTS

- Los Alamos County location, funded by County and Los Alamos National Bank
- UNM, NMSU, NM Tech partnering with LANL
 - Groundbreaking on May 18
 - 4,000 sq. foot greenhouse open this year
 - 24,000 sq. foot research facility to open next year
- Facility for biofuels research by Scientist 6 Richard Sayre
 - Additional research and collaborations to come



The Biology Laboratory will host algae biofuel research.

Our scientists receive prestigious external awards

SCIENCE HIGHLIGHTS



Michael Baskes
National Academy of
Engineering
(4/12)



Jaqueline Kiplinger
Fellow
Royal Society of
Chemistry
(5/12)



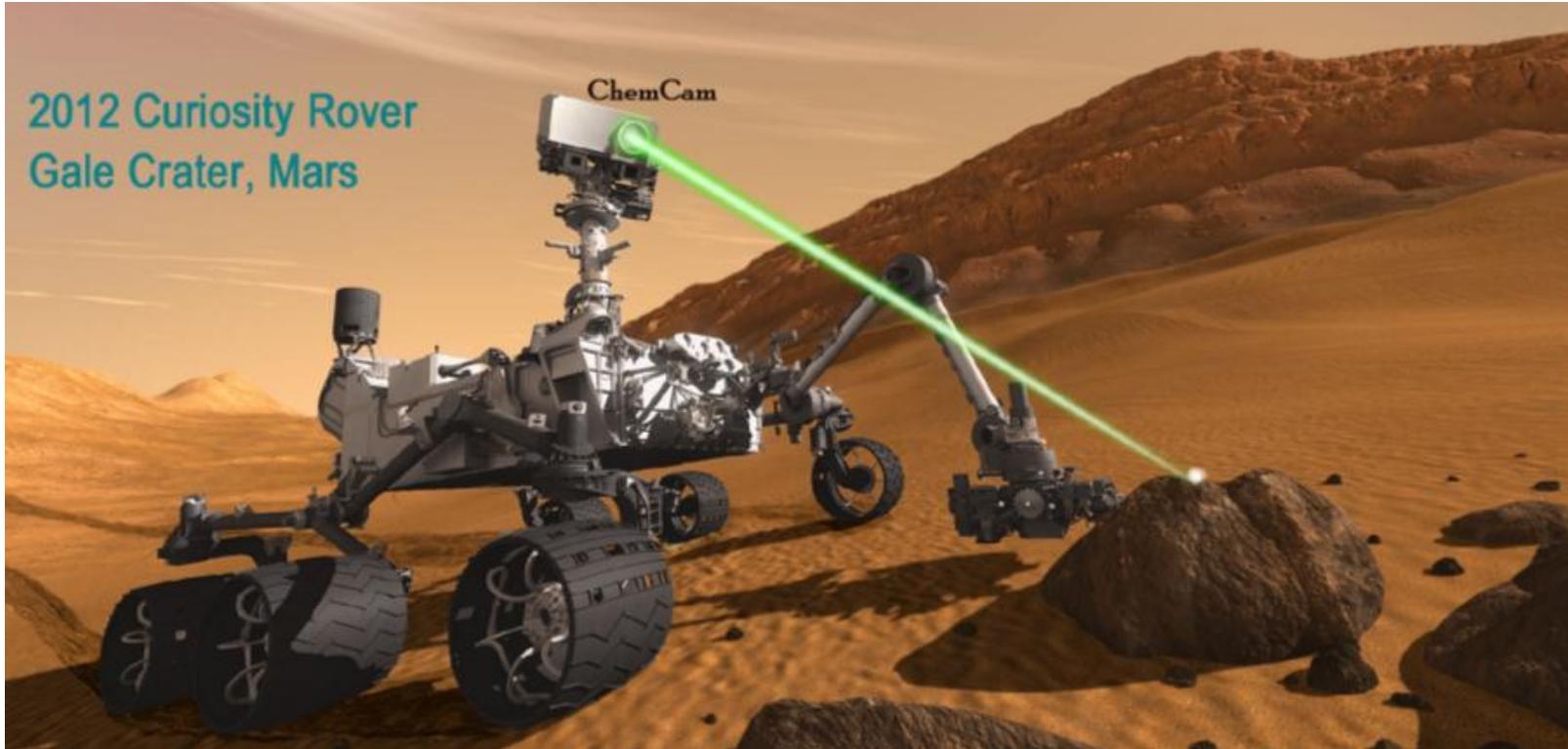
Amy Clarke
DOE Early Career
Research Award
Basic Energy
Sciences (5/12)



Ivan Vitev
DOE Early Career
Research Award
Nuclear Physics
(5/12)

ChemCam

SCIENCE HIGHLIGHTS



On August 5, ChemCam laser instrument and a plutonium power source will become LANL's first hardware on the surface of Mars.

LANL contractors win three DOE awards

- Small Business of the Year – Eberline Services
- Service-Disabled Veteran-Owned Small Business of the Year– HukariAscendant
- 8(a) / Small Disadvantaged Business of the Year – ARSEC, LLC



ARSEC, LLC completed demolition at LANL's former Admin. Building and at historic TA-21