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Title: A talk with GS about what has happened and our plan for what's ahead

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A talk with GS about what has happened and our plan for what's ahead

Terry Wallace

October 28, 2013

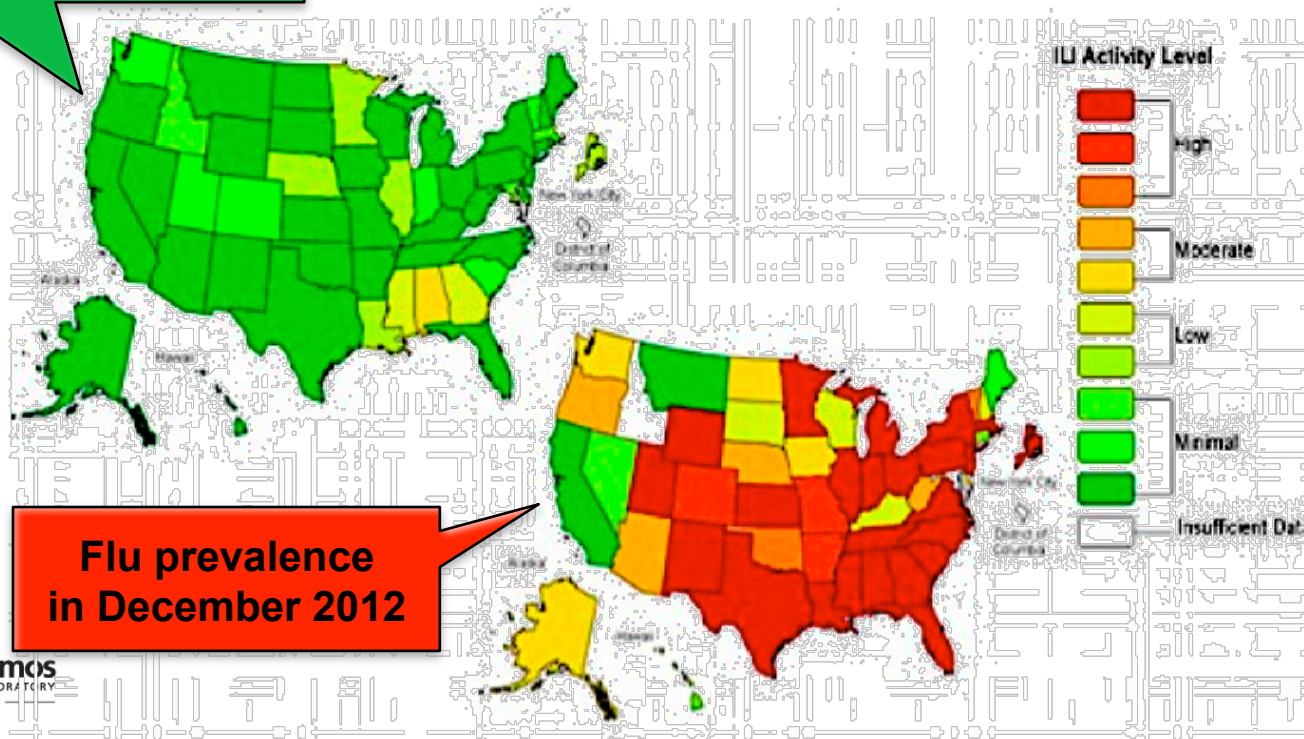
Safety First: Flu!



Get Your FLU SHOT

because we want you to be not just smart and good looking—but also **HEALTHY** and **HERE!**

Flu prevalence
in December 2011





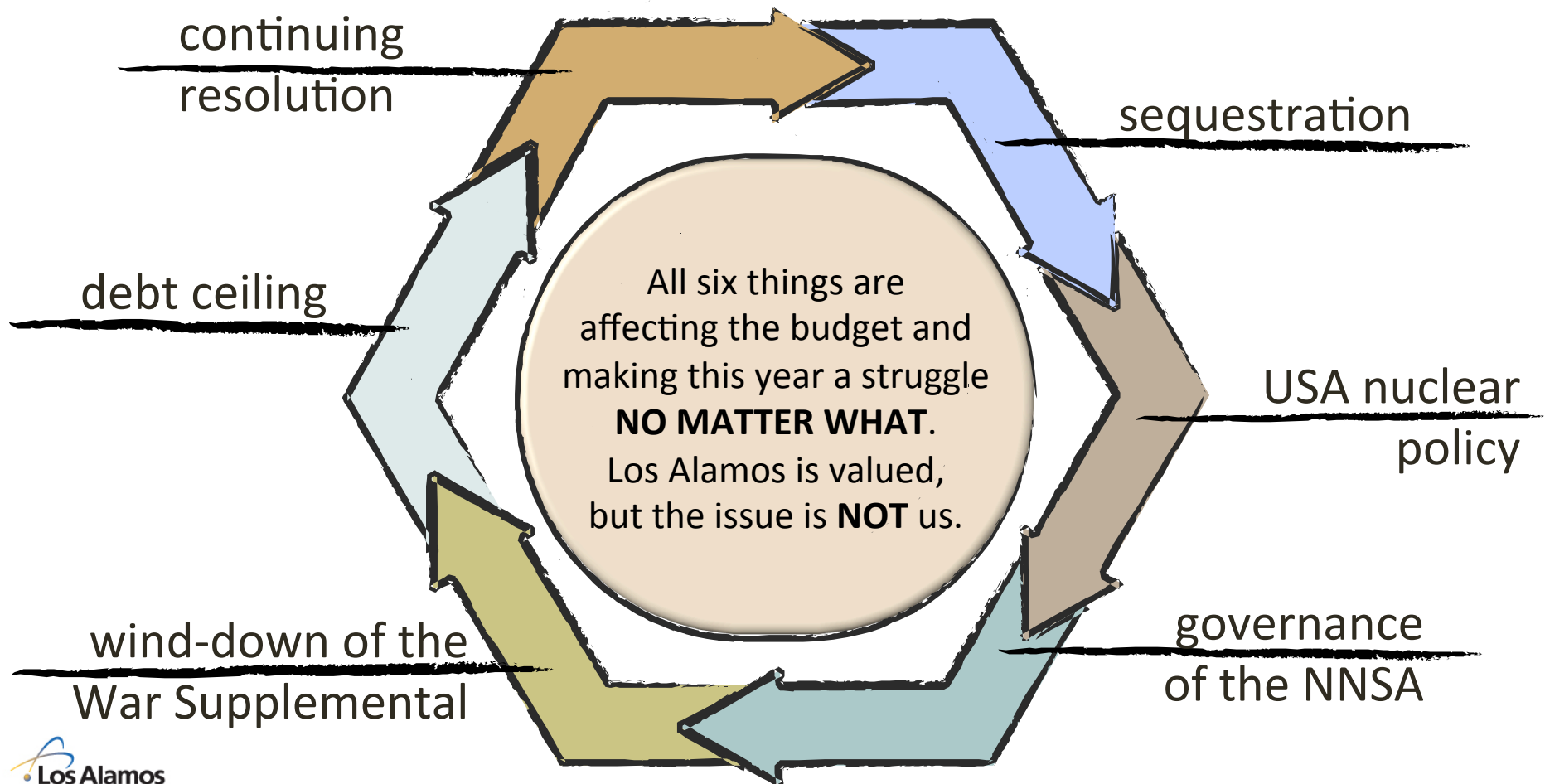
**FY13
Success**

**FY14
Uncertainty**

**National
Security
Laboratory**

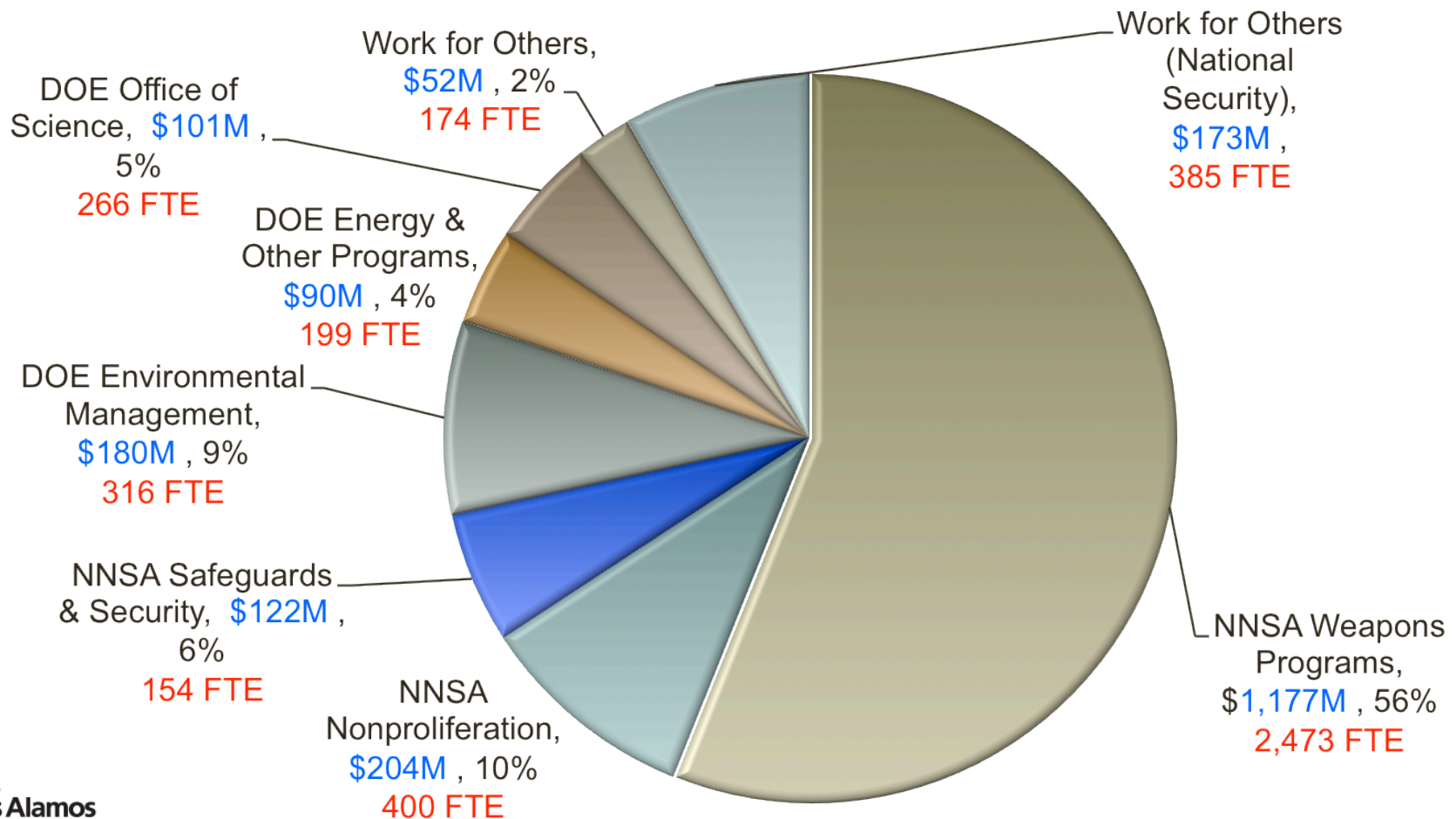
**NNSA
Weapons
Complex**

FY14 budget: A “Perfect Storm” around government priorities

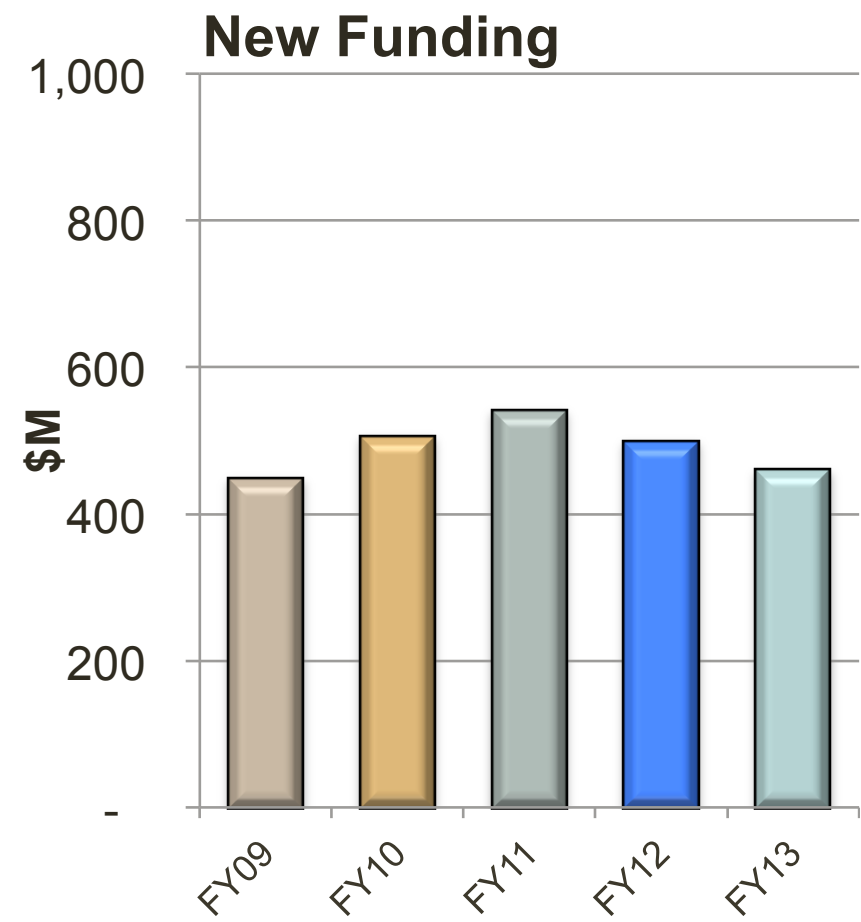
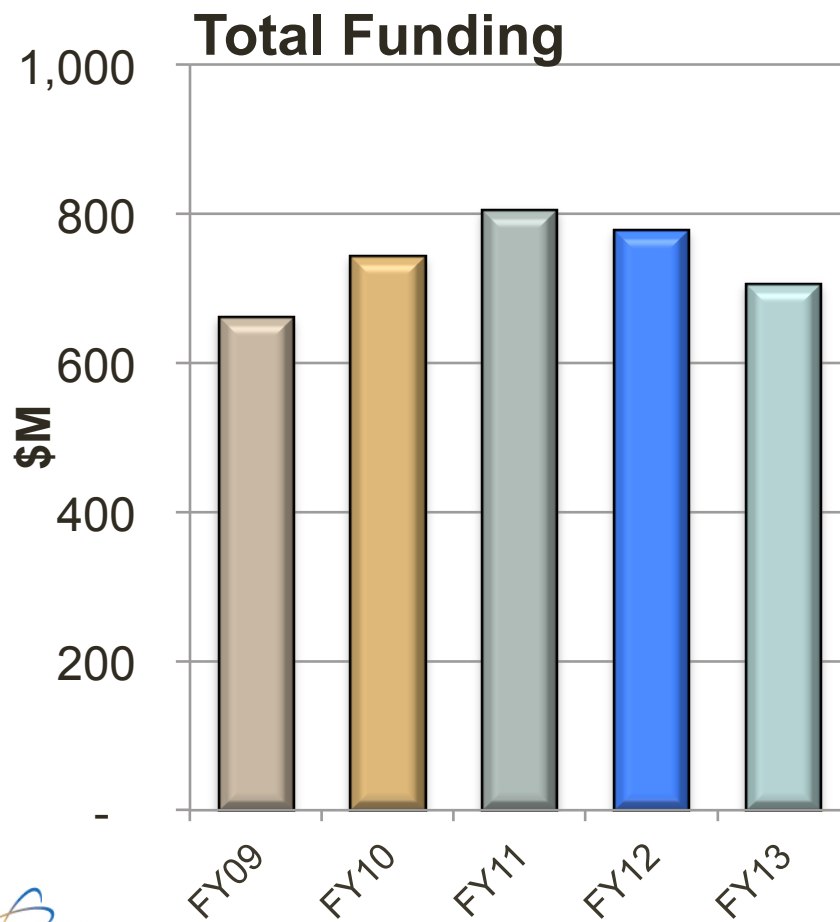



LANL FY13: Successful Year

FY13 LANL Budget Authority = \$2.1B



PADGS Funding: FY09 – FY13





Global Security at Los Alamos: Protect against the Nuclear Threat

Our Global Security Strategy

Apply Los Alamos expertise to current and emerging national security missions to protect against emerging, proliferant, and unconventional nuclear threats—regardless of origin

Develop laser-focus on customer requirements and **craft** long-term relationships, à la trusted advisor

Identify areas outside of the nuclear weapons program that Los Alamos can lead, advise, and strategize in the national arena

Connect Los Alamos capabilities with customers, seeking topics that cross traditional boundaries

Create plan to align LDRD, infrastructure, and internal investments to meet needs of GS sponsors

Executing our Plan: Strategy for Programs

2011

Reset on GS at LANL
GS program structure, goals, and strategy assessed
Program staff moved into line positions

2012

Strategic Outcomes Office formed
SOO built the strategy "Protecting Against Nuclear Treats"
SOO and PADGS defined a program management structure to implement the strategy
Roles and Responsibilities between the Line Organizations and the Program Organization defined; first Program Management Plan issued
Program Directors selected

2013

SOO defined and selected program crosscut leads from across LANL
Program Directors defined the management structure within their portfolio, selected Program Managers
Loose Nukes, first strategic challenge project, executed
Feynman Center for Innovation launched

Executing our Plan: Strategy for Line

2010

On Oct 1: ADTIR comprised 939 staff, 722 regular appointments
Began changing strategy for consistency with the Laboratory's approach to a capability-based organization

2011

Addressed why a capability should be captive to Global Security
Defined a strategy to use the best LANL capabilities to execute the GS mission
Redefined ISR as the Intelligence and Space Research Division;
spun-off accelerator capabilities into AOT Division

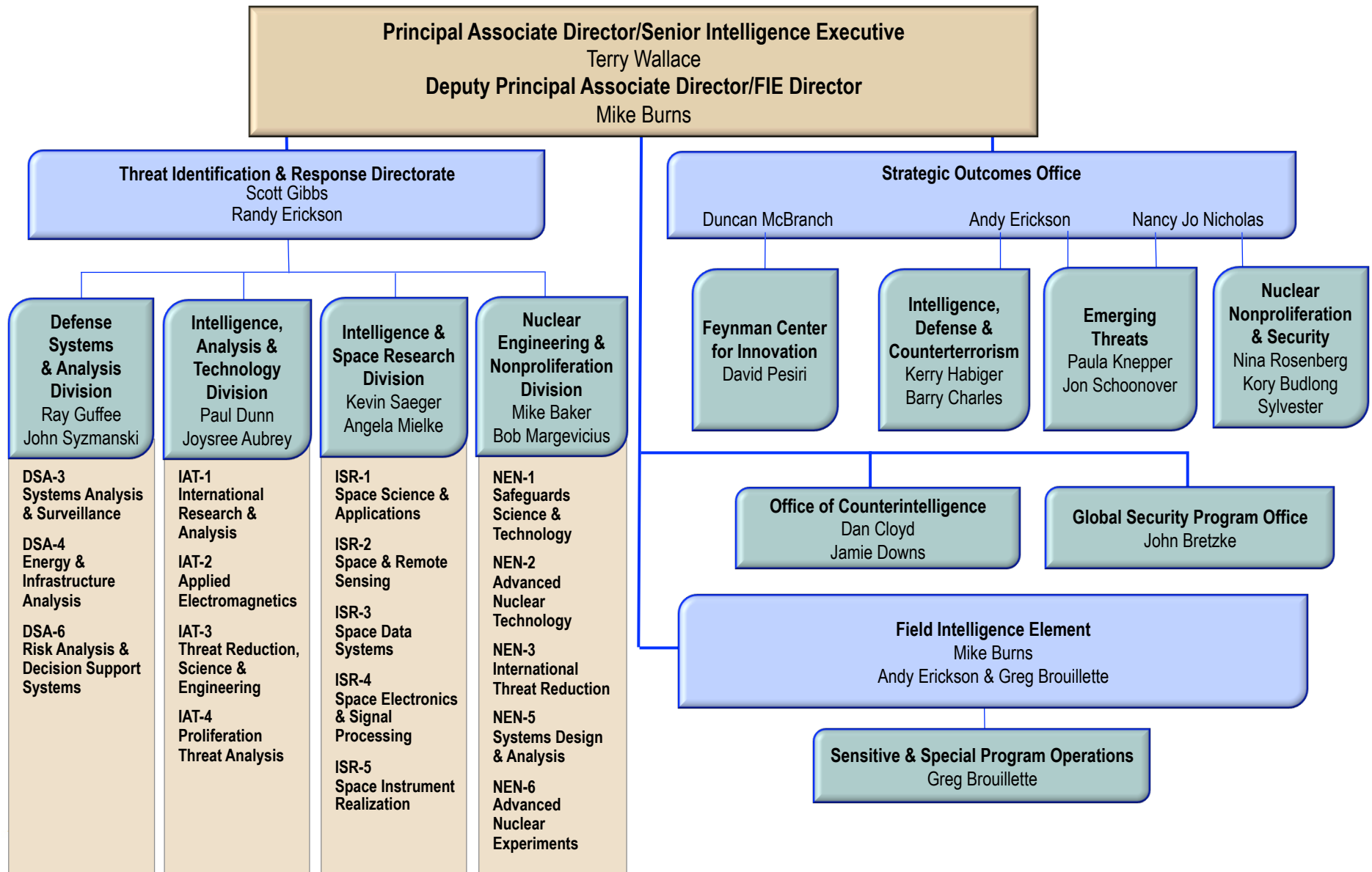
2012

Focused Nuclear Engineering and Nonproliferation (NEN) Division to consolidate nuclear engineering capabilities; quick success with DUFF
Redefined Defense Systems and Analysis (DSA) Division to focus on DoD and DHS system integration

2013

On Oct 1: ADTIR comprised 704 staff, 571 regular appointments
The Directorate's size reduced to reflect the increased use of other Lab capabilities to execute the mission

Today's Global Security Enterprise: Protect against the nuclear threat



The Feynman Center for Innovation redefines technology transfer and aligns with programmatic and strategic needs

“The federal government must reform the labs from their 20th-century atomic energy roots to create 21st-century engines of innovation.”

Turning the Page: Reimagining the National Labs, 2013

Strategic Outcomes Office

Duncan McBranch, Chief Technology Officer

Feynman Center for Innovation

Strategic Sponsored Work

*Deliver innovation
for Federal sponsors and
with industry partners*

Interagency Work

Strategic Alliances

Partnerships

Market Transition

*Deploy innovation
for enhanced economic impact*

Patent Licensing

Copyright Licensing

Software Strategy

**Regional Economic
Development**

Contracts & Agreements

Innovation Assets

*Foster innovation
to sustain Los Alamos leadership
in capabilities and mission*

Intellectual Property

Business Models

Risk Management

Innovation Tools

Permanent Fund

Executing our Plan: Highlights from this year's accomplishments

Customers responding to our new strategies	R&D100 awards with GS connections: MiniMAX, KiloPower, Multi-Mode Passive Detection System
DUFF	HOPE mass spectrometers
Curiosity: ChemCam & CheMin	GPS Block III Payloads 1-8
GODIVA prompt critical burst	NISAC and Hurricane Sandy
Nuclear material detection with Trident	Biosurveillance Resource Directory
OPSIS exercise with UK and France	Loose Nukes
OSRP milestone: 30,000 sources	Heliotail discovery

Cross-Cut Leadship

Persistent Surveillance

Bob Shirey - ISR Division

Curt Ammerman – AET Division

Space Defense

Eric Dors – GS-ET

Bruce Carlsten – AOT Division

Nuclear Forensics

Julianna Fessenden – DSA Division

Stephanie Frankle – XTD

Treaty Verification

Kory Budlong Sylvester – GS-NNS

Harald Dogliani – Institutes

Large Data to Decision

Linn Collins – CCS Division

Biosecurity

Kirsten McCabe – B Division

Ben McMahon – T Division

The LLNL announcement



LAWRENCE LIVERMORE NATIONAL LABORATORY

Science and Technology in the National Interest



Parney Albright steps down as Laboratory director



the pivot to Asia



nuclear proliferation

However, the world remains a dangerous place and the nation needs our expertise



terrorism & the increasing reach of technology



contested space

asymmetry & the rise of the individual



Balancing act



**Open
Enrollment**

**Health
insurance
options**

**LANL
Employee
Giving
Campaign**

**Perform &
Annual
Review**

**Salary & Merit
Changes**