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# NIST Update

Visiting Committee on Advanced Technology

May 8, 2017

# Outline

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## Administration context:

- Reform Plan
- Budget

## NIST Programmatic Updates

- Security Sprint
- Forensics Commission
- MEP National Summit

# Budget Update

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- FY 2017 – Omnibus

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	FY 2015 Enacted	FY 2016 Enacted	FY 2017 Enacted	+ / (-) Over FY 2016
Lab Programs	675.5.0	690.0	690.0	0.0
Hollings Manufacturing Extension Partnership	130.0	130.0	130.0	0.0
Manufacturing USA	0	25.0	25.0	0.0
Construction of Research Facilities	50.3	119.0	109.0	(10.0)
<b>Total</b>	<b>863.9</b>	<b>964.0</b>	<b>954.0</b>	<b>(10.0)</b>

All figures in \$M

- FY 2018: Expected release on May 22

# OMB Memo M-17-22: Government Reform

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- Provides guidance on prior orders
  - Jan 23 “Hiring Freeze” Presidential Memorandum
  - Mar 13 “Comprehensive Plan for Reorganizing the Executive Branch” Executive Order
- Instructs Agencies to develop reform plan
  - Outline and approach by June, final by September
  - Aligned with Strategic Plans developed concurrently
  - Implemented with FY19 budget
- Will be led at the Agency (Dept. of Commerce) level

## **Comprehensive Plan for Reforming the Federal Government and Reducing the Federal Civilian Workforce**

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Agencies directed to eliminate, restructure or merge programs based on factors like:

- Duplicative
- Non-Essential
- Federalism
- Cost-Benefit
- Efficiency and Effectiveness
- Customer Service

# Security Prioritization Sprint

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- Charge

**Produce a holistic prioritized list of security vulnerabilities and associated mitigations using a methodology similar to the NIST safety framework**

**“Speed is more important than accuracy”  
– 30 days –**

# Security Sprint: Prioritized Actions

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- **Identify the optimal organizational fit for security**
- **Establish clear baseline security requirements and R2A2s for the NIST staff**
- **Exercise leadership and improve accountability and understanding**
- **Create ESC-like advisory group to engage OU leadership in the establishment of the NIST security program**
- **Establish and implement security standards for NIST spaces warranting enhanced security**
- **Establish clear NIST security program requirements and R2A2s beyond the baseline**
- **Expand security awareness training (on topics such as active shooter, workplace violence, general crime prevention measures, suspicious packages)**
- **....**

# National Commission on Forensic Science

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- Established in 2013, the National Commission on Forensic Science (NCFS) was jointly chaired by NIST and DOJ
- Second term of NCFS expired April 23
- Last meeting April 10-11, 2017



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43 Work Products:

- 20 Recommendation Documents

- 23 Views Documents

In three broad categories:

- Foundational
- Operational
- Relational

# MEP National Summit





# VCAT 2017 Focus

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## **Trade**

Through its measurement science, standards, and technology mission, NIST has a unique role in supporting U.S. trade priorities. How can NIST ensure it is positioned to strengthen this Administration priority?

## **Innovation and Competitiveness through Fundamental Measurement R&D**

Many of NIST's biggest impacts come from investment in fundamental measurement science research that enables new technologies, new markets, and new industries. How can NIST prioritize its measurement science research and development efforts to maximize current impact and ensure continued impact in the years to come?

## **Communications**

Through NIST's reauthorization in the American Innovation and Competitiveness Act, NIST was directed to seek improvements to its laboratory programs, in part by optimizing commercial and industrial applications. To this end, how can NIST more effectively capture and describe the importance of its mission to U.S. industry and national priorities?

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# Thank You



Measurement science  
Standards  
Technology