

OSTP Responsibilities

- Science and technology for policy
 - Independent and objective advice for the President and EOP regarding the S&T aspects of all policy issues
- Policy for science and technology
 - Analysis, recommendations, and coordination (in concert with other elements of the EOP) on R&D budgets and related policies



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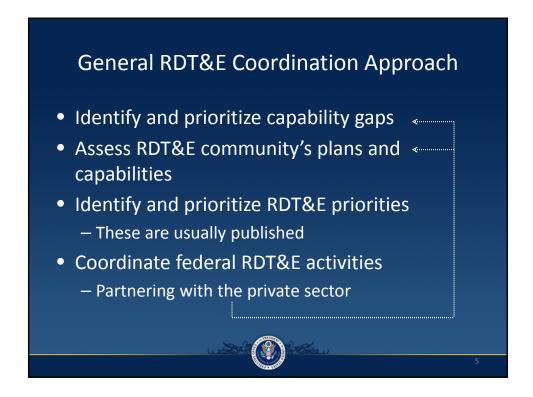
National Science and Technology Council

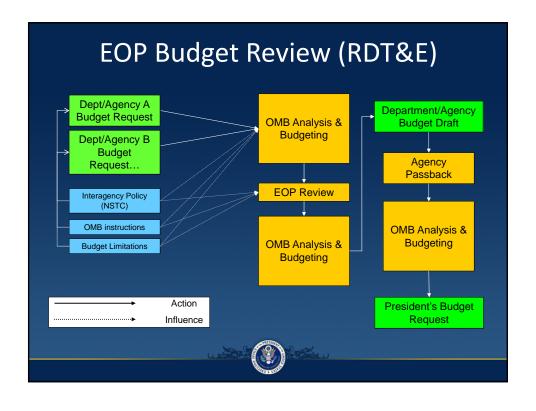
- Established in 1993 via Executive Order 12881
- Nominally chaired by the President; Members are cabinet officials
 - In practice: led by OSTP Director; members are Deputy or Under-Secretaries of Departments and independent agencies
- Principal Function: To coordinate the federal science and technology (S&T) policy making process
 - Interagency coordination of high priority S&T topics
 - Establish clear national goals for federal S&T investments
 - Coordinate interagency S&T activities



National Science and Technology Council

COMMITTEE ON ENTROMENT, NATURAL RESOURCES, AND MAIN TO COMMITTEE ON ENTROMENT (AND NAME AND NAME





Introduction to BIdM SC

Membership

- Department of Commerce
- Department of Defense
- Department of Health and Human Services
- Department of Homeland Security
- Department of Justice
- Department of State
- Department of Transportation
- Department of Treasury
- Executive Office of the President
- General Services Administration
- Intelligence Community
- National Science Foundation
- Social Security Administration

Working Groups

- Research, Development, Testing & Evaluation
- Standards
- Privacy and Civil Liberties
- Outreach and Communication
- Interoperability (transitioned to NSS)



NSTC Subcommittee on Biometrics and IdM

Phase I 2002-2003

Goals:

- Research needs, capabilities, and plans
- Grow USG biometrics expertise
- Build relationships

Deliverables

- List of topics for potential collaboration
- Initiate joint RDT&E efforts

Phase 2 2003-2006

Goals:

- Advance technology, privacy & communications
- Implement biometric systems
- Build relationships

Deliverables

- Joint RDT&E topics
- The National Biometrics Challenge
- Foundational documents
- Privacy paper & websites

Phase 3 2006-2009

Goals:

- USG-wide biometric system of systems
- Mature/stable biometrics community
- Expansion to IdM

Deliverables

- Interoperable Systems
- USG-wide plans for standards, RDT&E, privacy & communications
- Enhanced operational capabilities
- Long-term IdM strategy

Phase 3 2009-Present

Goals:

- Transition operational identity activities
- Reassess needs, capabilities and plans for next generation activities

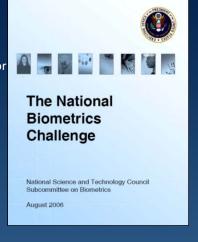
Deliverables

- The National Biometrics Challenge, v2.
- Updated Standards Registry and foundational documents

The National Biometrics Challenge

- Released in August 2006;
 - Update planned for 2011
- Dual purpose
 - Outreach mechanism for private sector **RDT&E Community**
 - Federal policy on biometric RDT&E priorities
- · Identifies driving forces and common technical challenges.
- Additional prioritization of challenges into four bins
 - Highest priority bin:
 - ~1/3 of challenges
 - ~4/5 of federal funding

· Office of the Federal Public Defender · National Institutes of Health National Science Foundation National Transportation Safety Board United States Postal Service

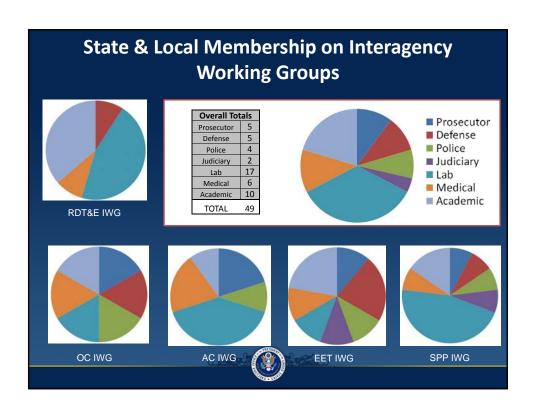


Outreach and Communication

Introduction to SoFS **Working Groups** Membership • Department of Commerce Research, Development, Testing & • Department of Defense • Department of Health and Human Standards, Practices, and Services **Protocols** • Department of Homeland Security **Accreditation and Certification** • Department of the Interior Education, Ethics, and Department of Justice • Department of Treasury Terminology • Environmental Protection Agency

SoFS RDT&E Activities

- Conducting discipline-specific literature reviews to support gap analyses
 - What are the foundational principles which support the scientific basis of each discipline?
 - What research exists which can be specifically mapped back to those principles?
- NSF Cognitive Bias and Forensic Science Workshop sponsored by NSF
 - Sept. 23-24, 2010
 - http://www.law.northwestern.edu/faculty/conferences/w orkshops/cognitivebias



Summary

- Biometrics and forensics are important areas whose RDT&E activities are being coordinated via the NSTC
- Relationship between DoD and NSTC activities are intertwined
 - DoD needs are an important input into the NSTC process
 - NSTC policies impact and support DoD budgets and plans
- More information:
 - Biometrics: www.biometrics.gov
 - Forensic Science: www.forensicscience.gov



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