

Upcoming Research & Education Opportunities



Homeland
Security

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Director of Research

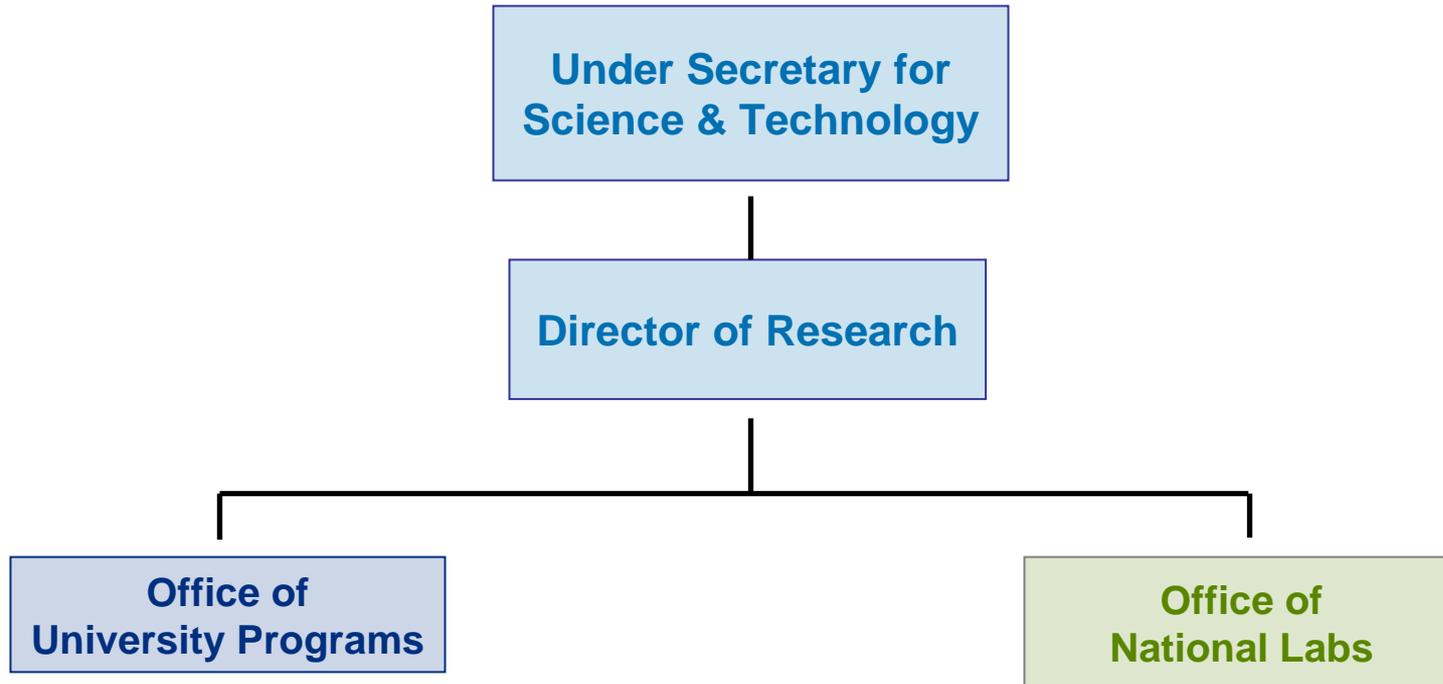
Science & Technology Directorate

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FROM SCIENCE...SECURITY

Office of the Director of Research



- ◆ **Centers of Excellence (COEs)**
- ◆ **Education Programs**
- ◆ **Minority Serving Institutions**



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S&T's Commitment to Research

Basic Research Enables:

- Fundamental research—discovery & invention—at universities, government laboratories & the private sector
- Focused, protracted research investment (> 8 years)
- Quantum leaps in homeland security capabilities

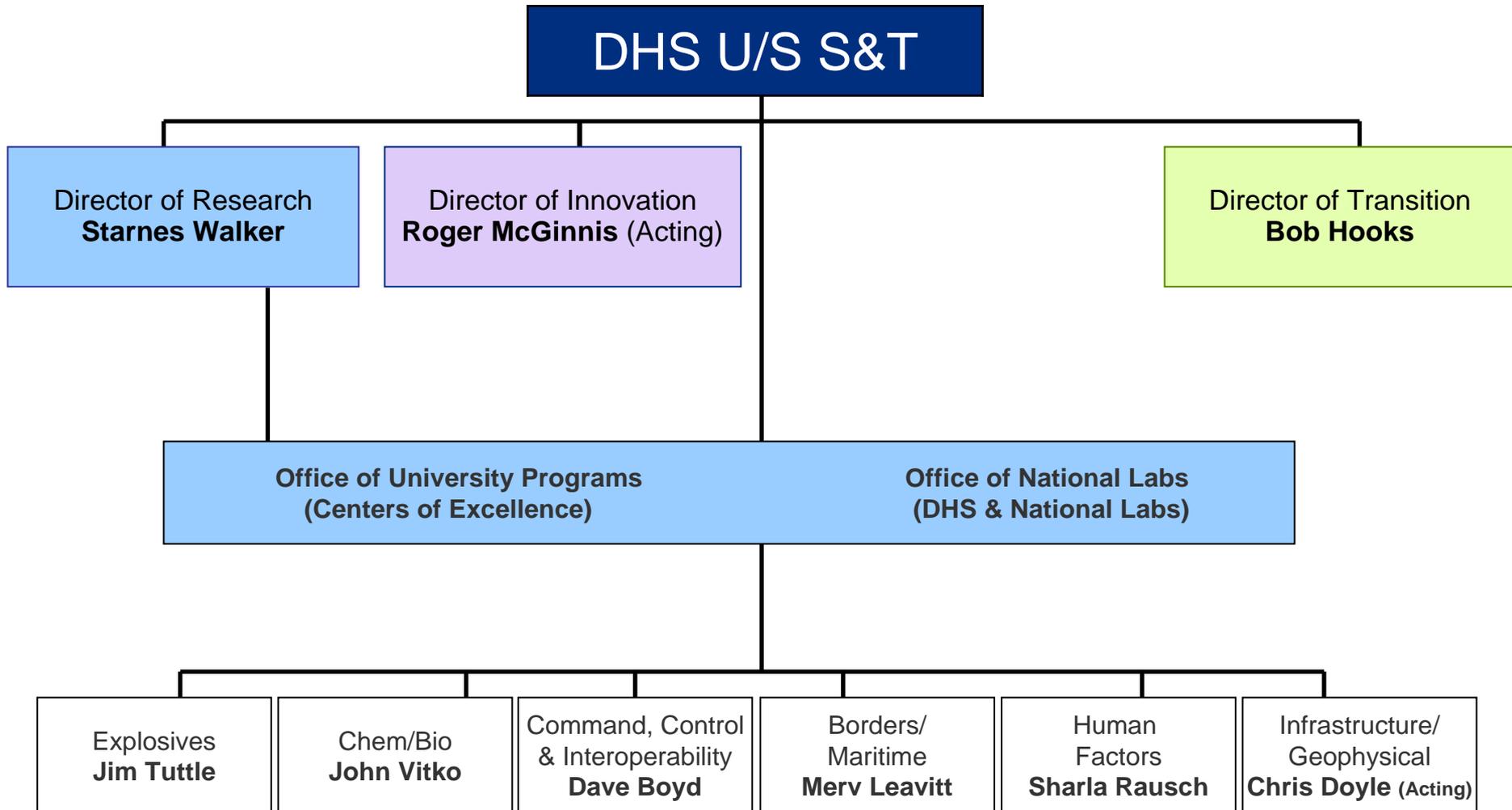
Basic Research Targets:

- Consistent funding levels from year to year
- Increase from 10% to 20% of S&T funding
- Well coordinated university & lab research



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S&T Organization



Division-COE Involvement

Divisions Will:

- Identify Research Focus Areas
- Write BAAs for New COEs
- Review Applications
- Participate in Award Selection
- Negotiate Workplans
- Work with COEs to Develop Transition Strategies
- Participate in Reviews & Evaluations
- Assist with Student Placement

COE Governance Principles

- Relevance: Alignment & Involvement of S&T Divisions
- Quality: Rigorous Multi-Stage Peer Review to Get Awards
- Evaluation: Standard Practices for All COEs
 - Annual Performance & Financial Reports for Each COE
 - Inclusion of All Projects in a Single Database, Updated Quarterly
 - Expectations of Shared Data, Models & Insights for All COEs on a Single Web Site
 - Best COE Management Practices Guidance, with Benchmarks & Evaluation Criteria in Development

University Research Opportunities

- Centers of Excellence
 - Current COEs
 - Four Open BAAs for New COEs
 - Future COEs

- Education Programs
 - Current Initiatives
 - New Initiatives on Tap

- Minority Serving Institutions (MSIs) Programs

- Additional Opportunities

New Centers of Excellence

New COE: Explosives Detection, Mitigation & Response

New COE: Border Security & Immigration

New COE: Maritime, Island & Remote/Extreme Environment Security

New COE: Natural Disasters, Coastal Infrastructure
& Emergency Management

For More Information: www.grants.gov

Scholarship/Fellowship Opportunities

- Individual Grants for Scholarships & Fellowships
 - FY2007 Competition, Closed (Old System)
 - **New** FY2008 Competition (December 2007)
 - Limited to HS-STEM Students in S&T-Aligned Fields
 - Service Requirement
- **New** HS-STEM Educational Grants (Announcement Expected, April 2007)
 - Awarded to Colleges & Universities
 - Focused on Student Support
 - S&T-Related Disciplines
 - Associate, Bachelor's, Master's & Ph.D. Studies



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MSI Opportunities

- **New** Permanent & Separate MSI Funding Stream
- **New** MSI Leadership Grants
(Announcement Imminent)
 - Combination of:
 - Young Career Awards
 - HS-STEM Curriculum Development
 - Student Support
 - Potential Support for Instrumentation
- **New** Summer Workshop on Teaching Terrorism
(Scheduled for June in Atlanta)

POC: Tiffany Lightbourn, DHS University Programs



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Opportunities for Other Researchers

Potential University Programs Funding Initiatives (as resources permit):

- ◆ Partnerships with Existing Centers
- ◆ Periodic Competitions for Cooperative Agreements with DHS & COEs
- ◆ **New** Individual Grant Competitions (TBD)
- ◆ **New** Open BAAs (TBD)



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Questions?



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