

Research within the Department of Homeland  
Security: Key Issues and Priorities

**Statistical Research Opportunities**

*U.S. Army Conference on Applied Statistics*

*Napa Valley, CA*

*October 2003*

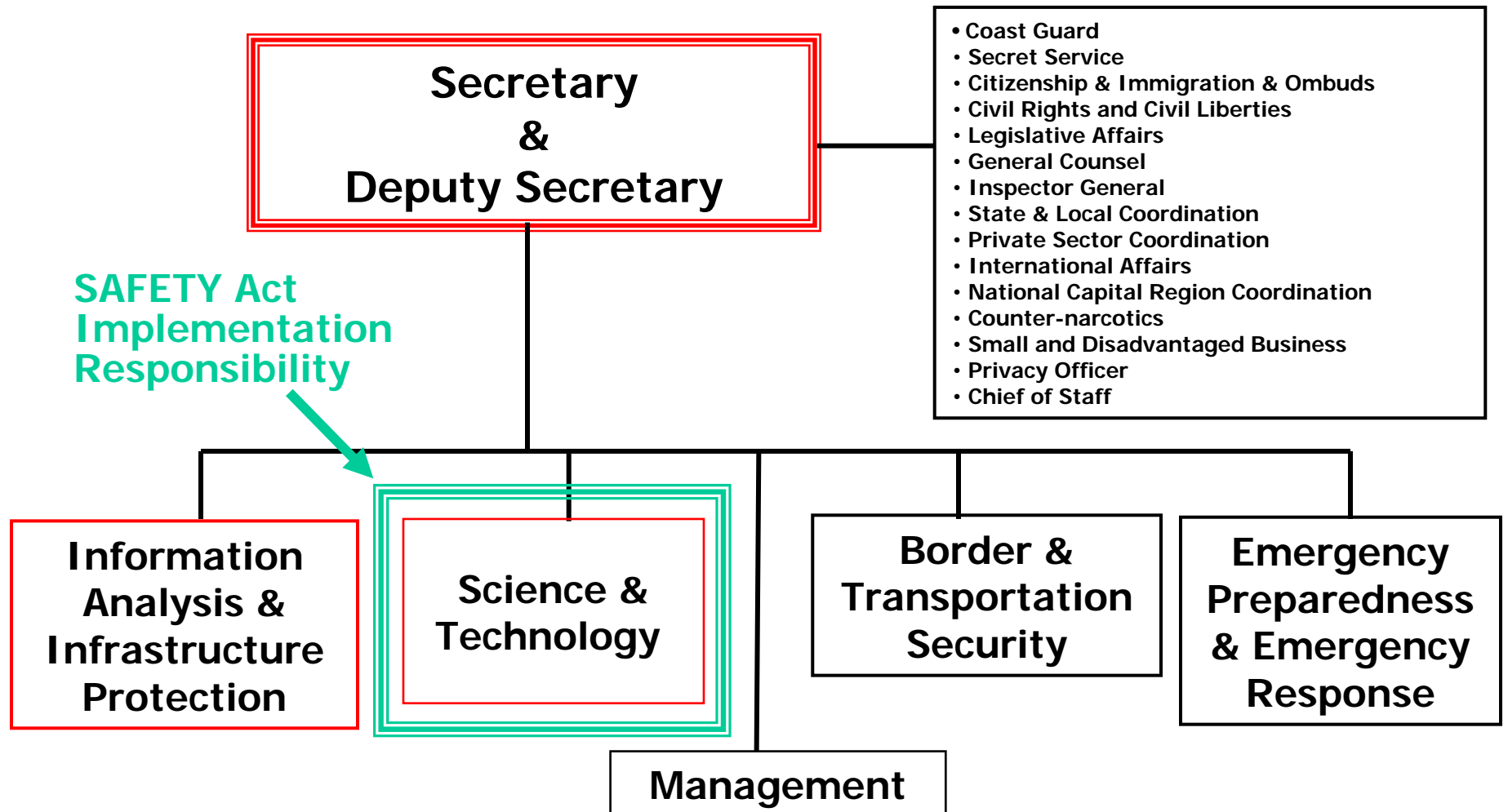
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Department of Homeland Security

# Outline

- Disclaimer
- DHS Overview
  - Science & Technology Division
- Specific Research Opportunities
- SAFETY Act

# Department of Homeland Security



# S&T Division Components

- Office of Plans, Programs & Budget
- Homeland Security Advanced Research Projects Agency (HSARPA)
- Office of Research & Development
- Office of Systems Engineering & Development

# Office of Plans, Programs & Budget

- Identify Requirements
- Create Strategic Initiatives
- **Prioritize Investments**
- Match Goals To National Policies
- Ensure Goals Are Met

# HSARPA

- Engages industry, **academia**, government, etc.
- Innovative R&D
- Rapid prototyping
- Technology transfer

# Office of Research & Development

- Cadre Of Scientists & Engineers
  - Office of National Laboratories
  - Homeland Security Laboratories
  - Components of DOE Laboratories
  - Federal Laboratories
- Supports University & Fellowship Programs

# Office of Systems Engineering & Development

- Executes Transition Of Large-Scale Or Pilot Systems To The Field



# Specific Research Opportunities

- Postgraduate & Postdoctoral Fellowships
- Scholarships
- Grants & Contracts
- Centers Of Excellence
- Homeland Security Institute

# Homeland Security Scholars & Fellows Program

- 2003 Results
  - 2,500 applicants
  - 101 recipients of ~ \$2M
  - Required internships
- 2004 Cycle Unopened
  - Oak Ridge Institute for Science and Education
  - <http://www.ornl.gov/dhsed/>
  - Increased funding

# Broad Agency Announcement (BAA) On S&T Requirements

- \$30M For R&D Funding
  - Mostly technologies
  - Asset protection prioritization schemes
- 2003 Completed
  - Announced May 14
  - June 13 deadline
- Technical Support Working Group
  - [www.tswg.gov](http://www.tswg.gov)
  - Initial one-page proposal process

# Centers Of Excellence

- Scope
  - One Center by November 2003
  - Up to 9 others by end of 2004
  - \$10M for FY04
- 2003 Completed
  - Announced July 23
  - Deadline August 11
  - Risk-based economic modeling on the impact and consequences of terrorism
- Administration
  - Oak Ridge Associated Universities
  - <http://www.ornl.gov/dhsuce/>

# Homeland Security Institute

- Dedicated FFRDC
- RFP out November?

# SAFETY Act

- Purpose
- Implementation
  - Reviewers
    - Technical
    - Business
    - Insurance
- Relation To Studies