

# 2000 Current Fiscal Year Report: Defense Science Board

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<b>1. Department or Agency</b>	<b>2. Fiscal Year</b>
Department of Defense	2000
<b>3. Committee or Subcommittee</b>	<b>3b. GSA Committee No.</b>
Defense Science Board	414

<b>4. Is this New During Fiscal Year?</b>	<b>5. Current Charter</b>	<b>6. Expected Renewal Date</b>	<b>7. Expected Term Date</b>
No	02/28/2000	02/28/2002	02/28/2002

<b>8a. Was Terminated During Fiscal Year?</b>	<b>8b. Specific Termination Authority</b>	<b>8c. Actual Term Date</b>
No		

<b>9. Agency Recommendation for Next Fiscal Year</b>	<b>10a. Legislation Req to Terminate?</b>	<b>10b. Legislation Pending?</b>
Continue		

<b>11. Establishment Authority</b>	Agency Authority		
<b>12. Specific Establishment Authority</b>	<b>13. Effective Date</b>	<b>14. Committee Type</b>	<b>14c. Presidential?</b>
DOD Directive 5129.22	06/26/1978	Continuing	No

**15. Description of Committee** Scientific Technical Program  
Advisory Board

**16a. Total Number of Reports** 12

<b>16b. Report Date</b>	<b>Report Title</b>
11/01/1999	21st Century Defense Technology Strategies, Vol. I
12/01/1999	Globalization and Security
01/01/2000	Global Positioning System (GPS) Phase III
02/01/2000	Human Resources Strategy
02/01/2000	Space Superiority
02/01/2000	Tactical Battlefield Communications

03/01/2000 21st Century Technology Strategies,  
Vol. II

03/01/2000 Patriot Anti-Cruise Missile (PACM)

04/01/2000 National Imagery and Mapping  
Agency (NIMA)

05/01/2000 The Creation & Dissemination of All  
Forms of Information in Support of  
Psychological Operations (PSYOP)  
in Time of Military Conflict

06/01/2000 Air Force Space Launch Facilities

06/01/2000 Technical Capabilities of Non-DoD  
Providers

### Number of Committee Reports Listed: 12

17a. 0 17b. Closed 121 17c. Partially Closed 0 Other Activities 0 17d. Total 121  
Open

### Meetings and Dates

Purpose	Start	End
Tactical Battlefield Communications Task Force	10/07/1999	10/08/1999
Frequency Spectrum Task Force	10/13/1999	10/14/1999
Software Task Force	10/13/1999	10/14/1999
Fuel Efficiency Task Force	10/19/1999	10/20/1999
Patriot Anti-Cruise Missile (PACM) Task Force	10/21/1999	10/21/1999
Technology Capabilities of Non-DoD Providers Task Force	10/21/1999	10/22/1999
Nuclear Simulation Task Force	10/21/1999	10/22/1999
Military Training & Education Task Force	11/02/1999	11/03/1999
DSB Fall Quarterly	11/03/1999	11/04/1999
Patriot Anti-Cruise Missile (PACM) Task Force	11/08/1999	11/08/1999
Biological Defense Task Force	11/09/1999	11/09/1999
Frequency Spectrum Task Force	11/09/1999	11/10/1999
Software Task Force	11/09/1999	11/10/1999
Patriot Anti-Cruise Missile (PACM) Task Force	11/15/1999	11/15/1999
Military Training & Education Task Force	11/17/1999	11/18/1999
Tactical Battlefield Communications Task Force	11/18/1999	11/18/1999
Technology Capabilities of Non-DoD Providers Task Force	11/18/1999	11/19/1999
Nuclear Simulation Task Force	11/30/1999	12/01/1999
Patriot Anti-Cruise Missile (PACM) Task Force	12/06/1999	12/06/1999
Military Training & Education Task Force	12/06/1999	12/08/1999
Fuel Efficiency Task Force	12/07/1999	12/08/1999
Frequency Spectrum Task Force	12/07/1999	12/10/1999

Software Task Force	12/08/1999 - 12/09/1999
DoD Super Computing Needs Task Force (Software Sub Panel)	12/13/1999 - 12/14/1999
Biological Defense Task Force	12/15/1999 - 12/15/1999
Information in Support of Psychological Operations (PSYOPS) in Military Conflict Task Force	12/16/1999 - 12/17/1999
Patriot Anti-Cruise Missile (PACM) Task Force	01/05/2000 - 01/05/2000
Global Positioning System (GPS) Phase III Task Force	01/06/2000 - 01/07/2000
Air Force Space Launch Facilities Task Force	01/07/2000 - 01/07/2000
Nuclear Simulation Task Force	01/11/2000 - 01/12/2000
Global Positioning System (GPS) Phase III Task Force	01/12/2000 - 01/13/2000
Software Task Force	01/12/2000 - 01/13/2000
Military Training & Education Task Force	01/12/2000 - 01/13/2000
Information in Support of Psychological Operations (PSYOPS) in Military Conflict Task Force	01/13/2000 - 01/14/2000
Defensive Information Operations Task Force	01/18/2000 - 01/19/2000
Global Positioning System (GPS) Phase III Task Force	01/19/2000 - 01/20/2000
Frequency Spectrum Task Force	01/20/2000 - 01/21/2000
Global Positioning System (GPS) Phase III Task Force	01/24/2000 - 01/25/2000
Patriot Anti-Cruise Missile (PACM) Task Force	02/01/2000 - 02/01/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	02/02/2000 - 02/02/2000
Information in Support of Psychological Operations (PSYOPS) in Military Conflict Task Force	02/03/2000 - 02/04/2000
DoD Super Computing Needs Task Force (Software Sub Panel)	02/03/2000 - 02/04/2000
Fuel Efficiency Task Force	02/10/2000 - 02/11/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	02/14/2000 - 02/14/2000
Software Task Force	02/16/2000 - 02/17/2000
Nuclear Simulation Task Force	02/16/2000 - 02/17/2000
Biological Defense Task Force	02/17/2000 - 02/17/2000
Information in Support of Psychological Operations (PSYOPS) in Military Conflict Task Force	02/17/2000 - 02/18/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	02/22/2000 - 02/22/2000
Defensive Information Operations Task Force	02/22/2000 - 02/23/2000
Military Training & Education Task Force	02/23/2000 - 02/24/2000
Frequency Spectrum Task Force	02/24/2000 - 02/25/2000
Air Force Space Launch Facilities Task Force	02/24/2000 - 02/25/2000

Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	03/07/2000 - 03/07/2000
Software Task Force	03/08/2000 - 03/09/2000
Fuel Efficiency Task Force	03/14/2000 - 03/15/2000
Nuclear Simulation Task Force	03/16/2000 - 03/17/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	03/20/2000 - 03/20/2000
Biological Defense Task Force	03/21/2000 - 03/21/2000
Information in Support of Psychological Operations (PSYOPS) in Military Conflict Task Force	03/22/2000 - 03/23/2000
Unconventional Nuclear Warfare Defense Task Force	03/22/2000 - 03/23/2000
Air Force Space Launch Facilities Task Force	03/24/2000 - 03/24/2000
Defensive Information Operations Task Force	03/27/2000 - 03/28/2000
Test & Evaluation (T&E) Capabilities Task Force	03/29/2000 - 03/29/2000
Frequency Spectrum Task Force	03/29/2000 - 03/30/2000
DoD Super Computing Needs Task Force (Software Sub Panel)	03/30/2000 - 03/31/2000
Defense Against Biological Weapons Task Force	04/03/2000 - 04/04/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	04/04/2000 - 04/04/2000
Intelligence Needs for Civil Support Task Force	04/04/2000 - 04/06/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	04/11/2000 - 04/11/2000
Software Task Force	04/12/2000 - 04/13/2000
Test & Evaluation (T&E) Capabilities Task Force	04/18/2000 - 04/19/2000
Defensive Information Operations Task Force	04/19/2000 - 04/20/2000
Frequency Spectrum Task Force	04/20/2000 - 04/21/2000
Biological Defense Task Force	04/21/2000 - 04/21/2000
Unconventional Nuclear Warfare Defense Task Force	04/25/2000 - 04/26/2000
Nuclear Simulation Task Force	04/25/2000 - 04/26/2000
Fuel Efficiency Task Force	04/26/2000 - 04/27/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	05/02/2000 - 05/02/2000
Intelligence Needs for Civil Support Task Force	05/02/2000 - 05/03/2000
DoD Super Computing Needs Task Force (Software Sub Panel)	05/04/2000 - 05/05/2000
Defense Against Biological Weapons Task Force	05/08/2000 - 05/09/2000
Test & Evaluation (T&E) Capabilities Task Force	05/09/2000 - 05/10/2000
Software Task Force	05/10/2000 - 05/11/2000
Biological Defense Task Force	05/11/2000 - 05/12/2000

Defense Against Biological Weapons Task Force (Sub-Panel)	05/11/2000 - 05/12/2000
Impact of Acquisition Policies on the Health of the Defense Industrial Base Task Force	05/15/2000 - 05/15/2000
Frequency Spectrum Task Force	05/22/2000 - 05/23/2000
Defense Against Biological Weapons Task Force	05/23/2000 - 05/23/2000
Fuel Efficiency Task Force	05/23/2000 - 05/24/2000
DSB Spring Quarterly	05/24/2000 - 05/25/2000
Defensive Information Operations Task Force	05/25/2000 - 05/26/2000
Defense Against Biological Weapons Task Force	05/26/2000 - 05/26/2000
Test & Evaluation (T&E) Capabilities Task Force	06/06/2000 - 06/06/2000
Defense Against Biological Weapons Task Force (Sub-Panel)	06/06/2000 - 06/07/2000
Unconventional Nuclear Warfare Defense Task Force	06/08/2000 - 06/09/2000
Defensive Information Operations Task Force	06/13/2000 - 06/14/2000
Test & Evaluation (T&E) Capabilities Task Force	06/13/2000 - 06/15/2000
Intelligence Needs for Civil Support Task Force	06/15/2000 - 06/16/2000
Defense Against Biological Weapons Task Force	06/15/2000 - 06/16/2000
Fuel Efficiency Task Force	06/20/2000 - 06/21/2000
Future Perspectives Task Force	06/23/2000 - 06/23/2000
Frequency Spectrum Task Force	06/27/2000 - 06/28/2000
Future DoD Airborne High Frequency Radar Needs/Resources Task Force	06/29/2000 - 06/29/2000
Defense Against Biological Weapons Task Force	07/06/2000 - 07/07/2000
Unconventional Nuclear Warfare Defense Task Force	07/10/2000 - 07/11/2000
Defense Against Biological Weapons Task Force	07/10/2000 - 07/13/2000
Future DoD Airborne High Frequency Radar Needs/Resources Task Force	07/12/2000 - 07/13/2000
Defensive Information Operations Task Force	07/12/2000 - 07/14/2000
Intelligence Needs for Civil Support Task Force	07/19/2000 - 07/20/2000
Future DoD Airborne High Frequency Radar Needs/Resources Task Force	07/19/2000 - 07/20/2000
Defense Against Biological Weapons Task Force (Sub Panel)	07/25/2000 - 07/26/2000
Future DoD Airborne High Frequency Radar Needs/Resources Task Force	07/26/2000 - 07/27/2000
Test & Evaluation (T&E) Capabilities Task Force	07/27/2000 - 07/27/2000
Future DoD Airborne High Frequency Radar Needs/Resources Task Force	08/02/2000 - 08/03/2000

DSB Summer Study	08/07/2000 - 08/18/2000
Fuel Efficiency Task Force	08/08/2000 - 08/09/2000
Future Perspectives Task Force	08/16/2000 - 08/16/2000
Nuclear Simulation Task Force	08/21/2000 - 08/21/2000
Fuel Efficiency Task Force	09/19/2000 - 09/20/2000
DSB Fall Quarterly	09/27/2000 - 09/28/2000

**Number of Committee Meetings Listed: 121**

	<b>Current FY</b>	<b>Next FY</b>
<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$51,262.00	\$52,000.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$525,556.00	\$573,195.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$575,000.00	\$600,000.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$25,000.00	\$25,000.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00	\$0.00
<b>18c. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)</b>	\$0.00	\$0.00
<b>18d. Other (all other funds not captured by any other cost category)</b>	\$2,387,270.00	\$2,387,270.00
<b>18e. Total Costs</b>	<b>\$3,564,088.00</b>	<b>\$3,637,465.00</b>

**19. Federal Staff**

6.00

6.00

**Support Years (FTE)****20a. How does the Committee accomplish its purpose?**

Numerous management and programmatic changes adopted by OSD and the Military Departments are based on recommendations documented in DSB reports. The implementation of Board recommendations resulted in Service and OSD organization and management changes in critical mission areas and improvements in the weapon systems acquisition process, particularly with regard to cost control and program oversight, as well as in human resources, organizational development, and the science and technology areas.

**20b. How does the Committee balance its membership?**

The Defense Science Board, composed of members designated from civilian life by the Under Secretary of Defense for Acquisition, Technology & Logistics, makes recommendations on issues in areas such as scientific, technical, manufacturing, and matters of special interest to the Department of Defense. The Board comprises a balanced group of senior appointees representing a broad spectrum of the industrial, manufacturing, academic, and scientific communities who are recognized authorities in their field of expertise. The Board consist of a core membership of approximately 35 members, augmented by consultants who serve as special government employees on designated Task Forces, and ex officio members who serve as chairs of various Department of Defense advisory boards.

**20c. How frequent and relevant are the Committee Meetings?**

DSB Task Forces usually meet once a month, or more often if needed, prior to the accumulation of data for the final report and recommendations to the Under Secretary of Defense for Acquisition, Technology & Logistics and the Secretary of Defense. Committee recommendations in high technology areas resulted in significant management improvements in research and development activities, and identification of the highest-payoff ways of exploiting US technology to improve military efficiency and effectiveness. Task Force recommendations this year resulted in management attention to details in the human resources area, as well as a major reorganization of a Defense agency.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

Sources within this agency, other agencies or other advisory groups cannot supply the personnel with the highly technical expertise or breadth of view necessary to undertake the various tasks assigned to the Board. Also, the Board is a source of unbiased, independent, outside reviews, and recommendations that cannot be obtained from other sources. The Board brings new perspectives that are not readily available elsewhere.

**20e. Why is it necessary to close and/or partially closed committee meetings?**

Meetings were closed to the public because of security classification. The determinations were based on the consideration that it was expected that discussions would involve classified matters or proprietary information of national security concern throughout. Such classified and/or proprietary materials were so intertwined with the

unclassified material that it could not reasonably be segregated into separate discussions without defeating the effectiveness and meaning of the overall meetings.

## 21. Remarks

### Designated Federal Officer

John V. Ello Executive Director, Defense Science Board, OUSD(AT&L), 3140 Defense Pentagon, Rm 3D865, Washington, DC 20301-3140

Committee Members	Start	End	Occupation	Member Designation
Adams, Gordon	10/01/1999	09/30/2000	Elliott School of International Affairs	Special Government Employee (SGE) Member
Aldridge, Edward	10/01/1999	09/30/2000	The Aerospace Corp. (core member)	Special Government Employee (SGE) Member
Alm, Al	10/01/1999	09/30/2000	The Columbus Group	Special Government Employee (SGE) Member
Alterman, Stanley	10/01/1999	09/30/2000	Alterman Associates, Inc.	Special Government Employee (SGE) Member
Babcock, Jim	10/01/1999	09/30/2000	The MITRE Corporation	Special Government Employee (SGE) Member
Baker, Stewart	10/01/1999	09/30/2000	Steptoe & Johnson	Special Government Employee (SGE) Member
Ballhaus, Robert	10/01/1999	09/30/2000	Former Co-Chair, Air Force Scientific Advisory Board (ex officio member)	Special Government Employee (SGE) Member

Banker, Elizabeth	10/01/1999	09/30/2000	Yahoo! Inc.	Special Government Employee (SGE) Member
Bayer, Michael	10/01/1999	09/30/2000	Chairman, Army Science Board (ex officio member)	Special Government Employee (SGE) Member
Betterton, Thomas	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Bovin, Denis	10/01/1999	09/30/2000	Bear, Stearns & Co., Inc. (core member)	Special Government Employee (SGE) Member
Braddock, Joseph	10/01/1999	09/30/2000	The Potomac Foundation	Special Government Employee (SGE) Member
Bradley, Kenneth	10/01/1999	09/30/2000	Pfizer Inc.	Special Government Employee (SGE) Member
Briggs, David	10/01/1999	09/30/2000	MIT Lincoln Laboratory	Special Government Employee (SGE) Member
Burrington, Bill	10/01/1999	09/30/2000	AOL Europe	Special Government Employee (SGE) Member
Callahan, Roger	10/01/1999	09/30/2000	Bank of America	Special Government Employee (SGE) Member
Carns, Michael	10/01/1999	09/30/2000	Private Consultant (core member)	Special Government Employee (SGE) Member
Carothers, Leslie	10/01/1999	09/30/2000	United Technologies Corp.	Special Government Employee (SGE) Member

Carter, Ashton	10/01/1999	09/30/2000	Harvard Univ. (core member)	Special Government Employee (SGE) Member
Casciano, John	10/01/1999	09/30/2000	Litton/TASC	Special Government Employee (SGE) Member
Charney, Scott	10/01/1999	09/30/2000	PricewaterhouseCoopers	Special Government Employee (SGE) Member
Chatelier, Paul	10/01/1999	09/30/2000	Mississippi State Univ	Special Government Employee (SGE) Member
Chatham, Ralph	10/01/1999	09/30/2000	Dynamic Technology Inc.	Special Government Employee (SGE) Member
Christie, John	10/01/1999	09/30/2000	Logistics Management Institute	Special Government Employee (SGE) Member
Christie, Thomas	10/01/1999	09/30/2000	Institute for Defense Analyses	Special Government Employee (SGE) Member
Chu, David	10/01/1999	09/30/2000	RAND Corp.	Special Government Employee (SGE) Member
Clapper, James	10/01/1999	09/30/2000	SRA	Special Government Employee (SGE) Member
Clark, John	10/01/1999	09/30/2000	The Aerospace Corp.	Special Government Employee (SGE) Member
Cobb, Don	10/01/1999	09/30/2000	Los Alamos National Laboratory	Special Government Employee (SGE) Member

Cochran, Stephen	10/01/1999	09/30/2000	Lawrence Livermore National Laboratory	Special Government Employee (SGE) Member
Cooper, Robert	10/01/1999	09/30/2000	Atlantic Aerospace Electronics Corp. (core member)	Special Government Employee (SGE) Member
Coughlin, Susan	10/01/1999	09/30/2000	ATA Foundation	Special Government Employee (SGE) Member
Crawford, John	10/01/1999	09/30/2000	Sandia National Lab	Special Government Employee (SGE) Member
Crawford, Natalie	10/01/1999	09/30/2000	Former Co-Chair, Air Force Scientific Advisory Board (ex officio)	Special Government Employee (SGE) Member
Cromer, Donald	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Cross, Steve	10/01/1999	09/30/2000	Software Engineering Institute	Special Government Employee (SGE) Member
Dally, William	10/01/1999	09/30/2000	Stanford University	Special Government Employee (SGE) Member
David, Ruth	10/01/1999	09/30/2000	ANSER (core member)	Special Government Employee (SGE) Member
DeGeorge, Steven	10/01/1999	09/30/2000	AT&T Law Division	Special Government Employee (SGE) Member
Delaney, William	10/01/1999	09/30/2000	MIT Lincoln Lab (core member)	Special Government Employee (SGE) Member

Dingerdissen, John	10/01/1999	09/30/2000	Merck & Co. Inc.	Special Government Employee (SGE) Member
Donahue, Mick	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Downing, Jack	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Doyle, Michael	10/01/1999	09/30/2000	University of Georgia	Special Government Employee (SGE) Member
Duncan, Marc	10/01/1999	09/30/2000	Micron Technology	Special Government Employee (SGE) Member
Dyer, Michael	10/01/1999	09/30/2000	Lockheed Martin	Special Government Employee (SGE) Member
Ebner, Stanley	10/01/1999	09/30/2000	Boeing Co.	Special Government Employee (SGE) Member
Eftekari, Reza	10/01/1999	09/30/2000	The MITRE Corp.	Special Government Employee (SGE) Member
Elliott, Chip	10/01/1999	09/30/2000	BBN Technologies	Special Government Employee (SGE) Member
Entzminger, John	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Evans, Richard	10/01/1999	09/30/2000	Commonwealth of Massachusetts	Special Government Employee (SGE) Member

Evatt, James	10/01/1999	09/30/2000	Boeing Space & Communications Systems (core member)	Special Government Employee (SGE) Member
Everett, Robert	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Evers, William	10/01/1999	09/30/2000	Systems Technology & Science	Special Government Employee (SGE) Member
Faga, Martin	10/01/1999	09/30/2000	The MITRE Corp	Special Government Employee (SGE) Member
Ferren, Bran	10/01/1999	09/30/2000	Walt Disney Imagineering	Special Government Employee (SGE) Member
Fidler, David	10/01/1999	09/30/2000	Indiana University	Special Government Employee (SGE) Member
Fields, Craig	10/01/1999	09/30/2000	Corporate Director (core member)	Special Government Employee (SGE) Member
Fleischman, Jack	10/01/1999	09/30/2000	MIT Lincoln Lab	Special Government Employee (SGE) Member
Fletcher, Dexter	10/01/1999	09/30/2000	Institute for Defense Analyses	Special Government Employee (SGE) Member
Forster, William	10/01/1999	09/30/2000	Northrop Grumman	Special Government Employee (SGE) Member
Foster, John	10/01/1999	09/30/2000	Private Consultant (core member)	Special Government Employee (SGE) Member

Fowler, Charles (Bert)	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member Special Government
Fraley, Stan	10/01/1999	09/30/2000	Sandia National Laboratory	Employee (SGE) Member Special Government
Frankel, Michael	10/01/1999	09/30/2000	SRI International (core member)	Employee (SGE) Member Special Government
Franz, David	10/01/1999	09/30/2000	SRI	Employee (SGE) Member Special Government
Freeman, Jenny	10/01/1999	09/30/2000	Argose Inc.	Employee (SGE) Member Special Government
Frost, David	10/01/1999	09/30/2000	Frost & Associates, Inc.	Employee (SGE) Member Special Government
Games, Richard	10/01/1999	09/30/2000	The MITRE Corp.	Employee (SGE) Member Special Government
Ganz, Matt	10/01/1999	09/30/2000	Charles Stark Draper Laboratory	Employee (SGE) Member Special Government
Gibbs, Nelson	10/01/1999	09/30/2000	Private Consultant	Employee (SGE) Member Special Government
Gold, Theodore	10/01/1999	09/30/2000	Institute for Defense Analyses (core member)	Employee (SGE) Member Special Government
Goodwin, Brenda	10/01/1999	09/30/2000	Pricewaterhouse Coopers	Employee (SGE) Member Special Government

Gorelick, Jamie	10/01/1999	09/30/2000	Fannie Mae	Special Government Employee (SGE) Member
Gravell, William	10/01/1999	09/30/2000	TRW	Special Government Employee (SGE) Member
Gray, Alfred	10/01/1999	09/30/2000	Potomac Institute for Policy Studies	Special Government Employee (SGE) Member
Green, Cordell	10/01/1999	09/30/2000	Kestrel Institute	Special Government Employee (SGE) Member
Greenberg, Lawrence	10/01/1999	09/30/2000	The Motley Food, Inc.	Special Government Employee (SGE) Member
Greene, Brenton	10/01/1999	09/30/2000	Sandia National Laboratory	Special Government Employee (SGE) Member
Grimes, John	10/01/1999	09/30/2000	Raytheon Co.	Special Government Employee (SGE) Member
Gruber, Michael	10/01/1999	09/30/2000	MIT Lincoln Lab	Special Government Employee (SGE) Member
Hagengruber, Roger	10/01/1999	09/30/2000	Sandia National Lab	Special Government Employee (SGE) Member
Hansen, Marc	10/01/1999	09/30/2000	Lockheed Martin	Special Government Employee (SGE) Member
Harris, Jeffrey	10/01/1999	09/30/2000	Space Imaging	Special Government Employee (SGE) Member

Hawkins, Charles	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Hazelwood, Leo	10/01/1999	09/30/2000	SAIC	Special Government Employee (SGE) Member
Heebner, David	10/01/1999	09/30/2000	Private Consultant (core member)	Special Government Employee (SGE) Member
Heilmeier, George	10/01/1999	09/30/2000	Telecordia Technologies (core member)	Special Government Employee (SGE) Member
Henry, David	10/01/1999	09/30/2000	Scitor	Special Government Employee (SGE) Member
Hermann, Robert	10/01/1999	09/30/2000	Global Technology Partners (core member)	Special Government Employee (SGE) Member
Hilsman, William	10/01/1999	09/30/2000	DTI International	Special Government Employee (SGE) Member
Hinton, John	10/01/1999	09/30/2000	Sandia National Laboratory	Special Government Employee (SGE) Member
Hopmeier, Michael	10/01/1999	09/30/2000	Unconventional Concepts, Inc	Special Government Employee (SGE) Member
Horner, Chuck	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Howard, William	10/01/1999	09/30/2000	Private Consultant (core member)	Special Government Employee (SGE) Member

Hughes, Patrick	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Hurd, James	10/01/1999	09/30/2000	Planar Systems	Special Government Employee (SGE) Member
Immele, John	10/01/1999	09/30/2000	Los Alamos National Laboratory	Special Government Employee (SGE) Member
John, Mim	10/01/1999	09/30/2000	Sandia National Laboratory	Special Government Employee (SGE) Member
Jones, Anita	10/01/1999	09/30/2000	University of Virginia (core member)	Special Government Employee (SGE) Member
Kaminski, Paul	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Kawamura, Kazuhiko	10/01/1999	09/30/2000	Vanderbilt University	Special Government Employee (SGE) Member
Kelman, Steve	10/01/1999	09/30/2000	Harvard University	Special Government Employee (SGE) Member
Kent, Stephen	10/01/1999	09/30/2000	BBN Technologies	Special Government Employee (SGE) Member
Kerber, Ronald	10/01/1999	09/30/2000	Whirlpool Corp. (core member)	Special Government Employee (SGE) Member
Kerr, Richard	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member

Krings, John	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Latham, Donald	10/01/1999	09/30/2000	General Dynamics Corp. (core member)	Special Government Employee (SGE) Member
Lawrence, Taylor	10/01/1999	09/30/2000	Northrop Grumman	Special Government Employee (SGE) Member
Lederberg, Joshua	10/01/1999	09/30/2000	The Rockefeller Univ. (core member)	Special Government Employee (SGE) Member
Lee, Sung	10/01/1999	09/30/2000	Michigan Technological University	Special Government Employee (SGE) Member
Lehman, Ronald	10/01/1999	09/30/2000	Lawrence Livermore National Laboratory	Special Government Employee (SGE) Member
Leopold, Raymond	10/01/1999	09/30/2000	Motorola	Special Government Employee (SGE) Member
Lewis, Fred	10/01/1999	09/30/2000	NTSA	Special Government Employee (SGE) Member
Lewis, Kirk	10/01/1999	09/30/2000	Institute for Defense Analyses	Special Government Employee (SGE) Member
Lillibridge, Scott	10/01/1999	09/30/2000	Center for Disease Control	Special Government Employee (SGE) Member
Lincoln, Patrick	10/01/1999	09/30/2000	SRI International	Special Government Employee (SGE) Member

Longuemare, Noel	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Lovins, Amory	10/01/1999	09/30/2000	Rocky Mountain Institute	Special Government Employee (SGE) Member
Lucas, Robert	10/01/1999	09/30/2000	Lawrence Berkeley National Laboratory	Special Government Employee (SGE) Member
Lynn, V.	10/01/1999	09/30/2000	Private Consultant (core member)	Special Government Employee (SGE) Member
MacCready, Paul	10/01/1999	09/30/2000	AeroVironment Inc.	Special Government Employee (SGE) Member
MacDonald, Bruce	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Maddox, Dave	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Marchilena, Francis	10/01/1999	09/30/2000	Raytheon Systems Company (core member)	Special Government Employee (SGE) Member
Marino, Peter	10/01/1999	09/30/2000	Private Consultant (core member)	Special Government Employee (SGE) Member
Markowitz, Joseph	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Marram, Edward	10/01/1999	09/30/2000	Geo-Centers Inc.	Special Government Employee (SGE) Member

Marshall, Travis	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Martin, Frank	10/01/1999	09/30/2000	DOE, Albuquerque Operations Office	Special Government Employee (SGE) Member
Maxion, Ray	10/01/1999	09/30/2000	Carnegie Mellon University	Special Government Employee (SGE) Member
Maybury, Mark	10/01/1999	09/30/2000	The MITRE Corporation	Special Government Employee (SGE) Member
McLaughlin, Alan	10/01/1999	09/30/2000	MIT Lincoln Laboratory	Special Government Employee (SGE) Member
Mendelowitz, Rich	10/01/1999	09/30/2000	General Dynamics	Special Government Employee (SGE) Member
Mercer-Smith, James	10/01/1999	09/30/2000	Los Alamos National Laboratory	Special Government Employee (SGE) Member
Meyer, Wayne	10/01/1999	09/30/2000	Chairman, BMD Advisory Committee (ex officio member)	Special Government Employee (SGE) Member
Minden, Gary	10/01/1999	09/30/2000	University of Kansas	Special Government Employee (SGE) Member
Moore, Alan	10/01/1999	09/30/2000	The MITRE Corp.	Special Government Employee (SGE) Member
Moore, Thomas	10/01/1999	09/30/2000	Daimler-Chrysler Corporation	Special Government Employee (SGE) Member

Morrison, Warren	10/01/1999	09/30/2000	SEI - Carnegie Mellon	Special Government Employee (SGE) Member
Morrow, Jr., Walter	10/01/1999	09/30/2000	MIT Lincoln Laboratory (core member)	Special Government Employee (SGE) Member
Mueller, Robert	10/01/1999	09/30/2000	Raytheon Co.	Special Government Employee (SGE) Member
Muellner, George	10/01/1999	09/30/2000	Boeing Co.	Special Government Employee (SGE) Member
Murray, Dennis	10/01/1999	09/30/2000	SAIC	Special Government Employee (SGE) Member
Murray, Robert	10/01/1999	09/30/2000	The CAN Corp.	Special Government Employee (SGE) Member
Negus, Gordon	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Nesbit, Robert	10/01/1999	09/30/2000	The MITRE Corp. (core member)	Special Government Employee (SGE) Member
Nuckolls, John	10/01/1999	09/30/2000	Lawrence Livermore National Laboratory	Special Government Employee (SGE) Member
O'Berry, Carl	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
O'Neil, Harry	10/01/1999	09/30/2000	University of Southern California	Special Government Employee (SGE) Member

O'Toole, Tara	10/01/1999	09/30/2000	Johns Hopkins Center for Biodefense	Special Government Employee (SGE) Member
Odeen, Philip	10/01/1999	09/30/2000	TRW Inc. (core member)	Special Government Employee (SGE) Member
Osterholm, Michael	10/01/1999	09/30/2000	ICAN Inc.	Special Government Employee (SGE) Member
Otis, Glenn	10/01/1999	09/30/2000	Private Consultant (core member)	Special Government Employee (SGE) Member
Parkinson, Brad	10/01/1999	09/30/2000	Stanford University	Special Government Employee (SGE) Member
Paulison, Dave	10/01/1999	09/30/2000	Metro-Dade Fire & Rescue	Special Government Employee (SGE) Member
Peoples, Thomas	10/01/1999	09/30/2000	GenCorp.	Special Government Employee (SGE) Member
Personick, Stu	10/01/1999	09/30/2000	Drexel University	Special Government Employee (SGE) Member
Pettifor, Andrew	10/01/1999	09/30/2000	Rockwell	Special Government Employee (SGE) Member
Poe, Greg	10/01/1999	09/30/2000	LOGOS Technologies	Special Government Employee (SGE) Member
Poste, George	10/01/1999	09/30/2000	Health Technology Networks (core member)	Special Government Employee (SGE) Member

Randolph, Bernard	10/01/1999	09/30/2000	TRW Space & Electronics Group	Special Government Employee (SGE) Member
Reedy, Edward	10/01/1999	09/30/2000	Georgia Tech Research Institute	Special Government Employee (SGE) Member
Reis, Victor	10/01/1999	09/30/2000	SAIC	Special Government Employee (SGE) Member
Remenick, James	10/01/1999	09/30/2000	Baker Botts LLP	Special Government Employee (SGE) Member
Rich, Mark	10/01/1999	09/30/2000	SRI International	Special Government Employee (SGE) Member
Royce, Walker	10/01/1999	09/30/2000	Rational Software Corporation	Special Government Employee (SGE) Member
Sandor, Richard	10/01/1999	09/30/2000	Environmental Financial Products	Special Government Employee (SGE) Member
Scowcroft, Brent	10/01/1999	09/30/2000	Chairman, Defense Policy Board (ex officio member)	Special Government Employee (SGE) Member
Selden, Robert	10/01/1999	09/30/2000	Chairman, Air Force Scientific Advisory Board (ex officio member)	Special Government Employee (SGE) Member
Shotts, Wayne	10/01/1999	09/30/2000	Lawrence Livermore National Laboratory	Special Government Employee (SGE) Member
Siegel, Neil	10/01/1999	09/30/2000	TRW	Special Government Employee (SGE) Member

Skalka, Anna	10/01/1999	09/30/2000	Fox Chase Cancer Institute (core member)	Special Government Employee (SGE) Member
Smith, Gary	10/01/1999	09/30/2000	Johns Hopkins Applied Physics Laboratory	Special Government Employee (SGE) Member
Smith, Harold	10/01/1999	09/30/2000	Palmer Smith Corporation	Special Government Employee (SGE) Member
Snyder, Scott	10/01/1999	09/30/2000	Lockheed Martin Telecommunications	Special Government Employee (SGE) Member
Soley, Richard	10/01/1999	09/30/2000	Object Management Group	Special Government Employee (SGE) Member
Soper, Gordon	10/01/1999	09/30/2000	Defense Group Inc.	Special Government Employee (SGE) Member
Spear, Jonathan	10/01/1999	09/30/2000	MCI Telecommunications Corp.	Special Government Employee (SGE) Member
Stech, Frank	10/01/1999	09/30/2000	Mitretek Corp.	Special Government Employee (SGE) Member
Steensma, Peter	10/01/1999	09/30/2000	ITT Aerospace/Communications	Special Government Employee (SGE) Member
Steiner, George	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Stenbit, John	10/01/1999	09/30/2000	TRW Systems Inegration Group	Special Government Employee (SGE) Member

Stewart, John	10/01/1999	09/30/2000	McKinsey & Company, Inc	Special Government Employee (SGE) Member
Sullivan, Francis	10/01/1999	09/30/2000	Frank Sullivan Associates (core member)	Special Government Employee (SGE) Member
Teets, Peter	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Tester, Jefferson	10/01/1999	09/30/2000	MIT	Special Government Employee (SGE) Member
Thomas, Lowell	10/01/1999	09/30/2000	GTE Service Corp.	Special Government Employee (SGE) Member
Truly, Richard	10/01/1999	09/30/2000	National Renewable Energy Laboratory	Special Government Employee (SGE) Member
Tuttle, Jerry	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Vessey, John	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Vitto, Vincent	10/01/1999	09/30/2000	Charles Stark Draper Laboratory (core member)	Special Government Employee (SGE) Member
Waeckerle, Joseph	10/01/1999	09/30/2000	Acute Care and Emergency Specialists, MD, PC	Special Government Employee (SGE) Member
Wagner, Richard	10/01/1999	09/30/2000	Los Alamos National Lab	Special Government Employee (SGE) Member

Wartell, Michael	10/01/1999	09/30/2000	Chairman, DIA Science & Technology Advisory Board (ex officio member)	Special Government Employee (SGE) Member
Welch, Larry	10/01/1999	09/30/2000	Institute for Defense Analyses (core member)	Special Government Employee (SGE) Member
Weltman, Gershon	10/01/1999	09/30/2000	Perceptronics Inc.	Special Government Employee (SGE) Member
Whitehair, Chet	10/01/1999	09/30/2000	Private Consultant	Special Government Employee (SGE) Member
Whitesides, George	10/01/1999	09/30/2000	Harvard Univ. (core member)	Special Government Employee (SGE) Member
Wilhelm, Richard	10/01/1999	09/30/2000	Booz-Allen & Hamilton, Inc.	Special Government Employee (SGE) Member
Williams, J.	10/01/1999	09/30/2000	Williams Associates International	Special Government Employee (SGE) Member
Winston, Patrick	10/01/1999	09/30/2000	Chairman, Naval Research Advisory Board (ex officio member)	Special Government Employee (SGE) Member
Wirth, Jack	10/01/1999	09/30/2000	Sandia National Laboratory	Special Government Employee (SGE) Member
Woodward, John	10/01/1999	09/30/2000	The MITRE Corp.	Special Government Employee (SGE) Member
Wormser, Owen	10/01/1999	09/30/2000	Booz-Allen & Hamilton, Inc.	Special Government Employee (SGE) Member

Wright, Lawrence	10/01/1999	09/30/2000	Booz-Allen & Hamilton, Inc.	Special Government Employee (SGE) Member
Zakheim, Dov	10/01/1999	09/30/2000	SPC International	Special Government Employee (SGE) Member
Zamani, Kaveh	10/01/1999	09/30/2000	US Army Medical Research & Materiel Command	Special Government Employee (SGE) Member

**Number of Committee Members Listed: 208**

### Narrative Description

**What are the most significant program outcomes associated with this committee?**

Checked if  
Applies

- Improvements to health or safety
- Trust in government
- Major policy changes
- Advance in scientific research
- Effective grant making
- Improved service delivery
- Increased customer satisfaction
- Implementation of laws or regulatory requirements
- Other

### Outcome Comments

**What are the cost savings associated with this committee?**

Checked if Applies

- None
- Unable to Determine

- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

**Cost Savings Comments**

**What is the approximate Number of recommendations produced by this committee for the life of the committee?**

0

**Number of Recommendations Comments**

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

%

**% of Recommendations Fully Implemented Comments**

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

%

**% of Recommendations Partially Implemented Comments**

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes  No  Not Applicable

**Agency Feedback Comments**

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

- Reorganized Priorities
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

**Action Comments**

**Is the Committee engaged in the review of applications for grants?**

No

**Grant Review Comments**

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

- Contact DFO
- Online Agency Web Site
- Online Committee Web Site
- Online GSA FACA Web Site
- Publications
- Other

**Access Comments**