

# 2023 Current Fiscal Year Report: National Biodefense Science Board (also known as the "National Preparedness And Response Science Board")

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<b>1. Department or Agency</b>		<b>2. Fiscal Year</b>	
Department of Health and Human Services		2023	
<b>3. Committee or Subcommittee</b>		<b>3b. GSA Committee No.</b>	
National Biodefense Science Board (also known as the "National Preparedness And Response Science Board")		31965	
<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	07/03/2022	07/03/2024	
<b>8a. Was Terminated During Fiscal Year?</b>	<b>8b. Specific Termination Authority</b>		<b>8c. Actual Term Date</b>
No	42 U.S.C. 247d-7g		
<b>9. Agency Recommendation for Next Fiscal Year</b>	<b>10a. Legislation Req to Terminate?</b>		<b>10b. Legislation Pending?</b>
Continue	No		Not Applicable
<b>11. Establishment Authority</b> Statutory (Congress Created)			
<b>12. Specific Establishment Authority</b>	<b>13. Effective Date</b>	<b>14. Committee Type</b>	<b>14c. Presidential?</b>
42 U.S.C. 247d-7g	12/19/2006	Continuing	No
<b>15. Description of Committee</b> Scientific Technical Program Advisory Board			
<b>16a. Total Number of Reports</b> 2			
<b>16b. Report</b>			
Date	Report Title		
	Disaster Preparedness and		
08/28/2023	Response Operations Lessons from		
	COVID-19		

Prioritization of Product Attribute  
 Categories to Maximize Access for  
 08/28/2023 Next Generation COVID-19  
 Vaccines and Therapeutics

**Number of Committee Reports Listed: 2**

**17a.** 1 **17b. Closed** 0 **17c. Partially Closed** 0 **Other Activities** 0 **17d. Total** 1  
**Open**

**Meetings and Dates**

Purpose	Start	End
The NBSB met in public (virtually) to review and approve two separate sets of recommendations, one with key lessons learned from COVID-19 and the other with recommendations for the development of the next generation of COVID-19 vaccines and therapeutics.	08/28/2023	08/28/2023

**Number of Committee Meetings Listed: 1**

	Current FY	Next FY
<b>18a(1). Personnel</b>		
<b>Pmts to Non-Federal Members</b>	\$0.00	\$0.00
<b>18a(2). Personnel</b>		
<b>Pmts to Federal Members</b>	\$16,801.00	\$23,387.00
<b>18a(3). Personnel</b>	\$180,225.00	\$201,480.00
<b>Pmts to Federal Staff</b>		
<b>18a(4). Personnel</b>		
<b>Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per</b>		
<b>Diem to Non-Federal Members</b>	\$0.00	\$20,000.00
<b>18b(2). Travel and Per</b>		
<b>Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per</b>		
<b>Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per</b>		
<b>Diem to Non-member Consultants</b>	\$0.00	\$0.00

<b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$31,960.00	\$141,779.00
<b>18d. Total</b>	\$228,986.00	\$386,646.00
<b>19. Federal Staff Support Years (FTE)</b>	0.90	1.00

**20a. How does the Committee accomplish its purpose?**

The Board will provide advice and guidance to Administration for Strategic Preparedness and Response (ASPR) within the U.S. Department of Health and Human Services (HHS), and to the HHS Secretary on preventing, preparing for, and responding to adverse health effects of public health emergencies and natural and man-made disasters. Additionally, the Board will provide advice on matters related to emergency preparedness and response.

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

The Board shall consist of 13 voting members, including the Chairperson; additionally, there may be non-voting ex officio members. Members and the Chairperson shall be appointed by the Secretary from the among the Nation's preeminent scientific, public health and medical experts, as follows: (a) such Federal officials as the Secretary determines are necessary to support the functions of the Board, (b) four individuals from the pharmaceutical, biotechnology and device industries, (c) four academicians, and (d) five other members as determined appropriate by the Secretary, one of whom must be a practicing health care professional and one of whom must be from an organization representing health care consumers. Additional members for category (d), above, one of whom will be a pediatric subject

matter expert and one whom will be a State, tribal, territorial or local public health official.

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

The Board is required by legislation to meet at least twice annually and may convene as needed.

In fiscal year 2023, the NBSB met once in public (August 28, 2023); the NBSB issued two reports with recommendations. One report included key lessons learned from COVID-19; the other reports provided recommendations to the Biomedical Advanced Research and Development Authority (BARDA) on improving accessibility and equity of the next generation of COVID-19 vaccines and therapeutics. Meeting Dates: August 28, 2023; November 30, 2023;

<https://aspr.hhs.gov/AboutASPR/WorkingwithASPR/BoardsandCommittees/Pages/NBSB/NBSB>

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

The Pandemic and All-Hazards Preparedness Act, signed into law on December 19, 2006, 42 U.S.C. 247d-7f, directs the Secretary of the U.S.

Department of Health and Human Services to establish the National Biodefense Science Board to provide expert advice and guidance to the Secretary on scientific, technical and other matters of special interest to the Department of Health and Human Services regarding current and future chemical, biological, nuclear, and radiological agents, whether naturally occurring, accidental, or deliberate. The committee is advising on issues critical to the Department in preparedness and public health issues.

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

N/A

## 21. Remarks

In the FACA Database, hyperlinks to past reports (<2018) with recommendations from the NBSB may not function due to a permanent change in the structure of the ASPR website. All of the past recommendations from the NBSB are available by following links from [www.phe.gov/NBSB](http://www.phe.gov/NBSB).

## Designated Federal Officer

Christopher Perdue Designated Federal Official

Committee Members	Start	End	Occupation	Member Designation
Al-Nabulsi, Isaf	03/13/2019	12/31/2024	U.S. Department of Energy	Ex Officio Member
Andreadis, Joanne	05/09/2019	12/31/2024	Centers for Disease Control and Prevention	Ex Officio Member
Auchincloss, Hugh	01/02/2019	02/28/2023	National Institutes of Health	Ex Officio Member Special Government Employee
Baum, Carl	01/01/2018	12/31/2024	Healthcare	Employee (SGE) Member Special Government Employee
Benitez, John	01/01/2018	12/31/2024	Healthcare	Employee (SGE) Member
Chafin, Kelly	10/01/2022	12/31/2025	Office of the Director of National Intelligence	Ex Officio Member
Courtney, Brooke	10/15/2019	12/31/2024	Food and Drug Administration	Ex Officio Member Special Government Employee
Davies, H. Dele	01/01/2018	12/31/2024	Academia	Employee (SGE) Member
Diallo, Mamadou	05/13/2021	12/31/2024	National Science Foundation	Ex Officio Member Special Government Employee
Fernandes, Prabhavathi	12/31/2016	12/31/2023	Industry	Employee (SGE) Member

Gruber, David	01/01/2020	12/31/2023	State Government (Emergency Management)	Special Government Employee (SGE) Member
Guerra, Stephanie	09/01/2023	12/31/2025	Executive Office of the President (OSTP)	Ex Officio Member
Hart, Rosemary	01/02/2019	12/31/2024	Department of Justice	Ex Officio Member
Hassel, Chris	06/01/2022	08/31/2023	Administration for Strategic Preparedness and Response	Ex Officio Member
Hopkins, Camille	05/01/2021	08/31/2023	DOI USGS	Ex Officio Member
Kahn, Laura	01/01/2022	07/13/2023	Healthcare	Special Government Employee (SGE) Member
Klugman, Craig	01/01/2020	12/31/2023	Healthcare (Bioethicist)	Special Government Employee (SGE) Member
Leffel, Elizabeth	01/01/2018	12/31/2024	Industry	Special Government Employee (SGE) Member
Levy, Jim	03/01/2019	12/31/2024	U.S. Department of State	Ex Officio Member
McKelvey, Greg	07/01/2022	08/31/2023	Executive Office of the President	Ex Officio Member
Milligan, Patricia	10/01/2020	12/31/2024	Nuclear Regulatory Commission	Ex Officio Member
Polk, JD	01/02/2019	12/31/2024	National Aeronautics and Space Administration	Ex Officio Member
Poster, Diane	10/01/2020	12/31/2024	National Institute of Standards & Technology	Ex Officio Member
Reed, Paul	10/01/2020	12/31/2024	HHS OASH	Ex Officio Member
Sayles, Gregory	10/01/2022	09/30/2023	Environmental Protection Agency	Ex Officio Member
Shere, Jack	09/21/2020	12/31/2024	USDA APHIS	Ex Officio Member
Simon, Ian	03/01/2023	12/31/2024	National Institutes of Health	Ex Officio Member

Simpson, Joelle	01/01/2018	12/31/2024	Healthcare	Special Government Employee (SGE) Member
Spain, Tammy	01/01/2022	12/31/2024	Biomedical industry	Special Government Employee (SGE) Member
Tennenberg, Alan	01/01/2020	02/15/2023	Industry (Medical Officer)	Special Government Employee (SGE) Member
Usman, Mahmood (Mike)	01/01/2022	12/31/2024	Healthcare	Special Government Employee (SGE) Member
Wingerd, Kevin	01/24/2022	12/31/2024	U.S. Department of Defense	Ex Officio Member
Witt, David	01/01/2020	12/31/2023	Healthcare (Epidemiologist)	Special Government Employee (SGE) Member
Wolfe, Herbert	10/01/2020	12/31/2024	Department of Homeland Security	Ex Officio Member

**Number of Committee Members Listed: 34**

### **Narrative Description**

The Pandemic and All-Hazards Preparedness Act of 2006 directed the Secretary of the U.S. Department of Health and Human Services (HHS) to establish the National Biodefense Science Board (NBSB). The NBSB has been created to provide expert advice and guidance to the Secretary on scientific, technical and other matters of special interest to HHS regarding activities to prevent, prepare for and respond to adverse health effects of public health emergencies resulting from current and future chemical, biological, radiological and nuclear agents, whether naturally occurring, accidental, or deliberate. The Secretary of HHS leads all Federal public health and medical response to public health emergencies. The HHS Administration for Strategic Preparedness and Response (redesignated from the Office of the Assistant Secretary for Preparedness and Response in February 2023)

(ASPR), coordinates the national Emergency Support Function #8 preparedness, response, and recovery actions. This includes the responsibility to define and prioritize requirements for public health medical countermeasures; coordinate research, development, and procurement activities; and set deployment and use strategies for medical countermeasures held in the national stockpile. The NBSB will directly facilitate the mission of HHS by providing expert, independent advice and recommendations to the Secretary and/or ASPR. Specifically, the Board shall function to examine current and future trends, challenges, and opportunities presented by advances in biological and life sciences, biotechnology, and genetic engineering with respect to threats posed by naturally occurring, accidental, or deliberate dissemination of infectious diseases and chemical, biological, radiological and nuclear agents. At the request of the Secretary and/or ASPR, the Board shall provide recommendations and findings for expanded, intensified, and coordinated biodefense research and developmental activities to promote and assist in the efforts of establishing a Nation prepared to prevent, respond to, and reduce the adverse health effects of public emergencies and disasters.

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

Checked if  
Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

**Outcome Comments**



Not Applicable

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

Checked if Applies

None	<input checked="" type="checkbox"/>
Unable to Determine	<input type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

**Cost Savings Comments**

Not Applicable

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

309

**Number of Recommendations Comments**

The NBSB published 15 new recommendations in fiscal year 2023.

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

55%

**% of Recommendations Fully Implemented Comments**

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

13%

**% 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**

The feedback is typically provided from staff in the ASRP during public meetings or through correspondence that is passed through the DFO. ASRP program staff, ASRP senior staff, and the chairperson meet periodically to review the work of the advisory committee. This feedback is provided live in person at public meeting or in writing in comment to the recommendations, before being finalized.

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

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

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

No

**Grant Review Comments**

Not Applicable

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

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

**Access Comments**

Contact [NBSB@hhs.gov](mailto:NBSB@hhs.gov)