

## 2024 Current Fiscal Year Report: Astrophysics Advisory Committee

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### 1. Department or Agency

National Aeronautics and Space  
Administration

### 2. Fiscal Year

2024

### 3. Committee or Subcommittee

Astrophysics Advisory Committee

### 3b. GSA

#### Committee No.

2596

### 4. Is this New During Fiscal Year?

5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
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No 08/30/2023 08/30/2025

### 8a. Was Terminated During Fiscal Year?

8b. Specific Termination Authority
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No

### 8c. Actual Term Date

### 9. Agency Recommendation for Next Fiscal Year

Continue

### 10a. Legislation Req to Terminate?

Not Applicable

### 10b. Legislation Pending?

Not Applicable

### 11. Establishment Authority

Agency Authority

### 12. Specific Establishment Authority

Agency Authority

### 13. Effective Date

01/17/2017

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee

Scientific Technical Program  
Advisory Board

### 16a. Total Number of Reports

No Reports for  
this Fiscal Year

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

### Meetings and Dates

No Meetings

Current FY	Next FY
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<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$0.00 \$0.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00 \$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$0.00 \$0.00
<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>	\$0.00 \$0.00
<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>	\$0.00 \$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00 \$0.00
<b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$0.00 \$0.00
<b>18d. Total</b>	\$0.00 \$0.00
<b>19. Federal Staff Support Years (FTE)</b>	0.00 0.00

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

The committee draws on the expertise of its members to provide advice to the Director, Astrophysics Division, Science Mission Directorate, NASA Headquarters, on astrophysics programs, policies, plans and priorities.

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

The Director, Astrophysics Division, ensures a balanced representation in terms of the points of view represented and the functions to be performed

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

The committee met three times virtually / hybrid in FY23. Hybrid for members /virtually for the general public.

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

Consensus scientific advice from outside experts is essential to support NASA astrophysics program planning. NASA is the Federal agency charged with conducting space-based astrophysics research.

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

Not Applicable.

**21. Remarks**

**Designated Federal Officer**

Hashima Hasan DFO/Executive Secretary

Committee Members	Start	End	Occupation	Member Designation
Calzetti, Daniella	02/07/2023	02/07/2026	U. Mass	Special Government Employee (SGE) Member Regular Government Employee (RGE) Member Special Government Employee (SGE) Member Regular Government Employee (RGE) Member
Caputo, Regina	03/06/2023	03/06/2026	GSFC	Special Government Employee (SGE) Member Regular Government Employee (RGE) Member
Chen, Hsiao-Wen	03/24/2023	04/24/2026	U. Chicago	Special Government Employee (SGE) Member Regular Government Employee (RGE) Member
Gaskin, Jessica	09/25/2019	11/07/2025	MSFC	Special Government Employee (SGE) Member Regular Government Employee (RGE) Member

				Special Government Employee (SGE) Member
Hamden, Erika	09/23/2021	09/23/2024	University of Arizona	
				Special Government Employee (SGE) Member
Hickox, Ryan	09/23/2021	12/31/2023	Dartmouth College	
				Special Government Employee (SGE) Member
Ho, Shirley	09/23/2021	09/23/2024	Flatiron Institute	
				Special Government Employee (SGE) Member
Holley-Bockleman, Kelly	04/06/2018	02/07/2026	Vanderbilt University	
				Special Government Employee (SGE) Member
Jogee, Shardha	03/24/2023	03/24/2026	U. Texas, Austin	
				Special Government Employee (SGE) Member
Kiessling, Alina	06/29/2022	06/29/2025	JPL	
				Special Government Employee (SGE) Member
Mozena, Mark	09/23/2021	09/23/2024	Planet Labs Inc.	
				Special Government Employee (SGE) Member
Pascucci, Ilara	06/29/2022	06/29/2025	U. of Arizona	
				Special Government Employee (SGE) Member
			Center for	
Tremblay, Grant	06/29/2022	06/29/2025	Astrophysics/ Harvard-Smithsonian	
				Special Government Employee (SGE) Member

**Number of Committee Members Listed: 13**

### **Narrative Description**

The committee's advice and analyses are used to inform decisions on the programmatic scope and priorities, as well as the implementation of astrophysics programs. In addition, the committee provides a regular forum for the broad discussion of

astrophysics and the role of astrophysics within and outside of NASA. The committee terminated on 6/12/2021 and was re-established on 9/7/2021.

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

Checked if  
Applies

- |   |                                     |
|---|-------------------------------------|
| Improvements to health or safety                  | <input type="checkbox"/>            |
| Trust in government                               | <input checked="" type="checkbox"/> |
| Major policy changes                              | <input 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 type="checkbox"/>            |
| Implementation of laws or regulatory requirements | <input type="checkbox"/>            |
| Other   | <input type="checkbox"/>            |

**Outcome Comments**

Not Applicable

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

Checked if Applies

- |                            |                                     |
|----------------------------|-------------------------------------|
| None                       | <input type="checkbox"/>            |
| Unable to Determine        | <input checked="" 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?**

0

**Number of Recommendations Comments**

Not Applicable

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

0%

**% of Recommendations Fully Implemented Comments**

Not Applicable

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

0%

**% of Recommendations Partially Implemented Comments**

Not Applicable

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

Yes ☒ No ☐ Not Applicable ☐

**Agency Feedback Comments**

Contact the committee DFO for information on Agency feedback process.

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

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input 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**

Not Applicable

**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

☐

Online Agency Web Site

☒

Online Committee Web Site

☒

Online GSA FACA Web Site

☒

Publications

☐

Other

☐

**Access Comments**

Not Applicable