

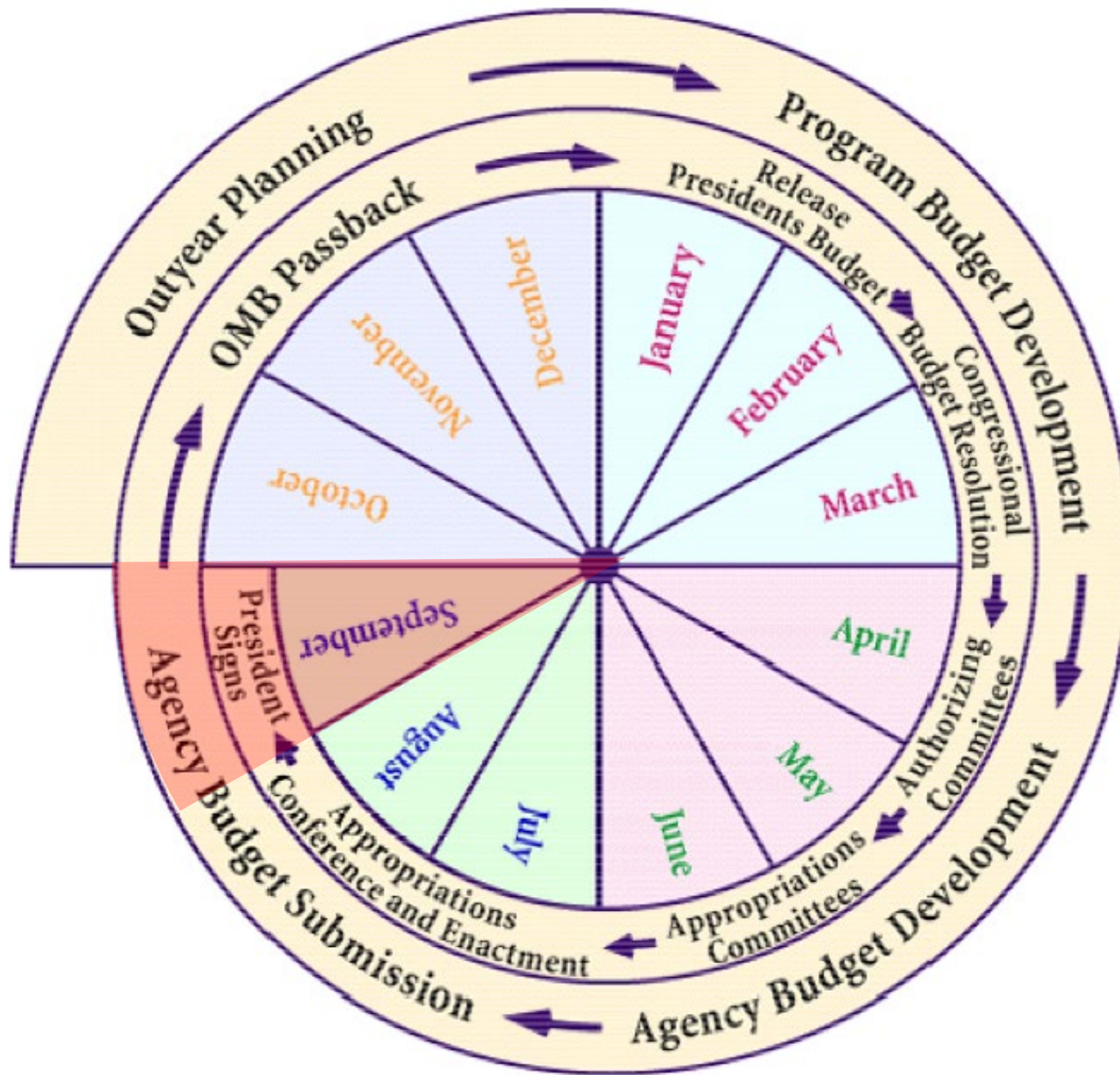


# STATE OF THE PROFESSION

BETHANY R. JOHNS, PHD  
AMERICAN ASTRONOMICAL SOCIETY  
DEPUTY DIRECTOR OF PUBLIC POLICY, INTERIM ACTING DIRECTOR  
AAAC  
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# Federal Budget Cycle

Where we are now





# NASA Science Funding

FY23 NASA Appropriations (\$ millions, % change from FY22)									
Account	FY21	FY22	FY23 Request		FY23 House		FY23 Senate		FY23 Final
<b>NASA</b>	23,271	24,041	25,974	8%	25,446	6%	25,974	8%	
<b>Science Mission Directorate</b>	7,301	7,614	7,988	5%	7,905	4%	8,046	6%	
Earth Science	2,000	2,065	2,412	17%	2,335	13%	2,346	14%	
Planetary Science	2,700	3,120	3,160	1%	3,200	3%	3,210	3%	
<b>Astrophysics (incl. JWST)</b>	1,771	1,569	1,556	-1%	1,525	-3%	1,561	-1%	
Heliophysics	751	778	760	-2%	760	-2%	828	6%	
Biological and Physical Sciences	79	83	100	22%	85	3%	100	22%	

Account	FY22 Omnibus	FY23 PBR	FY23 Ask
<b>NASA</b>	24.0	26.0 (+8%)	--
SMD	7.61	7.99 (+5%)	9.00
<b>NSF</b>	8.84	10.50 (+13%)	11.00
<b>DOE-SCI</b>	7.48	7.80 (+4%)	8.80
<i>All values in billions of USD</i>			

*“The Astro2020 decadal proposes an ambitious program for the future. Aspirational and even audacious goals are important, because great nations do great things.” – Rep. Brian Babin (R-TX)*

*“It makes no sense to invest billions of dollars in research facilities if we don’t also invest in the students and researchers who can turn those capabilities into new knowledge.” – Rep. Haley Stevens (D-MI)*

AAS joined the Coalition for Aerospace and Science in [a letter outlining FY2023 Appropriations asks for NASA](#). (May 2022)

# NSF Astronomy Funding

FY23 National Science Foundation Appropriations  
(\$ millions, % change from FY22)

Account	FY21 Actual	FY22 Enacted	FY23 Request		FY23 House		FY23 Senate		FY23 Final	
NSF	8,440	8,838	10,492	19%	9,631	9%	10,338	17%		
Research and Related Activities <sup>1</sup>	6,761	(see note 1)	8,426	-	7,706	-	8,322	-		
Major Research Equipment and Facilities Construction <sup>2</sup>	161	249	187	-25%	187	-25%	187	-25%		

FY23 NSF Budget Request for MPS and GEO Directorates  
(\$ millions, % change from FY21)

Account	FY17	FY18	FY19	FY20	FY21	FY22 Request	FY23 Request	Change 21-23
Mathematical and Physical Sciences	1,362	1,503	1,491	1,530	1,593	1,691	1,747	10%
Astronomical Sciences	252	311	287	279	289	294	294	2%
Chemistry	246	246	247	260	260	284	284	9%
Materials Research	314	337	303	330	330	350	350	6%
Mathematical Sciences	234	238	237	244	244	259	259	6%
Physics	281	311	285	304	304	317	317	4%

Account	FY22 Omnibus	FY23 PBR	FY23 Ask
NASA	24.0	26.0 (+8%)	--
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AAS joined CNSF on [a 302\(b\) letter supporting a larger CJS allocations](#). (April 2022)

AAS joined CNSF on [a letter supporting \\$11B for NSF in FY23 Appropriations](#) (April 2022)

# Policy on Capitol Hill

## Authorization Committees

Oversight of Depts. & Agencies: provide policy direction, permit new programs, recommend funding

## Appropriation Committees

Provide the actual funding for government programs and agencies on an annual basis

	<b>Authorizing Committee</b>	<b>Appropriations Subcommittee(s)</b>
Department of Education	House Education and the Workforce Senate Health, Education, Labor, and Pensions	Labor, Health and Human Services, and Education
Dept. of Energy (DOE), Office of Science	House Science, Space & Technology Senate Energy & Natural Resources	Energy and Water Development
NSF, NASA, NOAA	House Science, Space & Technology Senate Commerce, Science, & Transportation	Commerce, Justice, & Science

# House Science, Space & Technology

## Members, 117th Congress [\[edit\]](#)

Majority	Minority
<ul style="list-style-type: none"><li>• <a href="#">Eddie Bernice Johnson</a>, Texas, <i>Chair</i></li><li>• <a href="#">Zoe Lofgren</a>, California</li><li>• <a href="#">Suzanne Bonamici</a>, Oregon</li><li>• <a href="#">Ami Bera</a>, California</li><li>• <a href="#">Haley Stevens</a>, Michigan, <i>Vice Chair</i><sup>[4]</sup></li><li>• <a href="#">Mikie Sherrill</a>, New Jersey</li><li>• <a href="#">Jamaal Bowman</a>, New York</li><li>• <a href="#">Melanie Stansbury</a>, New Mexico (since June 15, 2021)</li><li>• <a href="#">Brad Sherman</a>, California</li><li>• <a href="#">Ed Perlmutter</a>, Colorado</li><li>• <a href="#">Jerry McNerney</a>, California</li><li>• <a href="#">Paul Tonko</a>, New York</li><li>• <a href="#">Bill Foster</a>, Illinois</li><li>• <a href="#">Donald Norcross</a>, New Jersey</li><li>• <a href="#">Don Beyer</a>, Virginia</li><li>• <a href="#">Charlie Crist</a>, Florida</li><li>• <a href="#">Sean Casten</a>, Illinois</li><li>• <a href="#">Conor Lamb</a>, Pennsylvania</li><li>• <a href="#">Deborah K. Ross</a>, North Carolina</li><li>• <a href="#">Gwen Moore</a>, Wisconsin</li><li>• <a href="#">Dan Kildee</a>, Michigan</li><li>• <a href="#">Susan Wild</a>, Pennsylvania</li><li>• <a href="#">Lizzie Fletcher</a>, Texas</li></ul>	<ul style="list-style-type: none"><li>• <a href="#">Frank Lucas</a>, Oklahoma, <i>Ranking Member</i></li><li>• <a href="#">Mo Brooks</a>, Alabama</li><li>• <a href="#">Bill Posey</a>, Florida</li><li>• <a href="#">Randy Weber</a>, Texas</li><li>• <a href="#">Brian Babin</a>, Texas</li><li>• <a href="#">Anthony Gonzalez</a>, Ohio</li><li>• <a href="#">Michael Waltz</a>, Florida</li><li>• <a href="#">Jim Baird</a>, Indiana</li><li>• <a href="#">Pete Sessions</a>, Texas</li><li>• <a href="#">Daniel Webster</a>, Florida</li><li>• <a href="#">Mike Garcia</a>, California</li><li>• <a href="#">Stephanie Bice</a>, Oklahoma</li><li>• <a href="#">Young Kim</a>, California</li><li>• <a href="#">Randy Feenstra</a>, Iowa</li><li>• <a href="#">Jake LaTurner</a>, Kansas</li><li>• <a href="#">Carlos Giménez</a>, Florida</li><li>• <a href="#">Jay Obernolte</a>, California</li><li>• <a href="#">Peter Meijer</a>, Michigan</li><li>• <a href="#">Jake Ellzey</a>, Texas (since August 24, 2021)</li><li>• <a href="#">Mike Carey</a>, Ohio (since December 1, 2021)</li></ul>

# Senate Commerce, Science, & Transportation

## Members, 117th Congress [[edit](#)]

*Main article: [117th United States Congress](#)*

Majority	Minority
<ul style="list-style-type: none"><li>• <a href="#">Maria Cantwell</a>, Washington, <i>Chair</i></li><li>• <a href="#">Amy Klobuchar</a>, Minnesota</li><li>• <a href="#">Richard Blumenthal</a>, Connecticut</li><li>• <a href="#">Brian Schatz</a>, Hawaii</li><li>• <a href="#">Ed Markey</a>, Massachusetts</li><li>• <a href="#">Gary Peters</a>, Michigan</li><li>• <a href="#">Tammy Baldwin</a>, Wisconsin</li><li>• <a href="#">Tammy Duckworth</a>, Illinois</li><li>• <a href="#">Jon Tester</a>, Montana</li><li>• <a href="#">Kyrsten Sinema</a>, Arizona</li><li>• <a href="#">Jacky Rosen</a>, Nevada</li><li>• <a href="#">Ben Ray Luján</a>, New Mexico</li><li>• <a href="#">John Hickenlooper</a>, Colorado</li><li>• <a href="#">Raphael Warnock</a>, Georgia</li></ul>	<ul style="list-style-type: none"><li>• <a href="#">Roger Wicker</a>, Mississippi, <i>Ranking Member</i></li><li>• <a href="#">John Thune</a>, South Dakota</li><li>• <a href="#">Roy Blunt</a>, Missouri</li><li>• <a href="#">Ted Cruz</a>, Texas</li><li>• <a href="#">Deb Fischer</a>, Nebraska</li><li>• <a href="#">Jerry Moran</a>, Kansas</li><li>• <a href="#">Dan Sullivan</a>, Alaska</li><li>• <a href="#">Marsha Blackburn</a>, Tennessee</li><li>• <a href="#">Mike Lee</a>, Utah</li><li>• <a href="#">Ron Johnson</a>, Wisconsin</li><li>• <a href="#">Shelley Moore Capito</a>, West Virginia</li><li>• <a href="#">Todd Young</a>, Indiana</li><li>• <a href="#">Rick Scott</a>, Florida</li><li>• <a href="#">Cynthia Lummis</a>, Wyoming</li></ul>



# State of the Profession

Cross-Referencing the Astronomy and Astrophysics Decadal Survey with CHIPS and Science Act

- Add columns to map how NSF and NASA actions has responded to the decadal
- Key provisions:
  - Sec. 10324. Broadening participation on major facilities awards
  - Sec. 10501. Federal science agency policies for caregivers.
  - Sec. 10524. Capacity-Building Program for Developing Universities.
  - Sec. 10503. Policies for review of Federal research awards. (dual-anonymous proposal review)
  - Sec. 10502. Collection and reporting of data on Federal research awards.
  - Sec. 10512. National Science Foundation rural STEM activities.

# AAS Actions on the State of the Profession

## New AAS Staff:

- Tom Rice, Education and Mentoring Specialist
- Mildred Peyton, DEI Committee Support Specialist



## AAS Committees:

- [Committee for Sexual-Orientation & Gender Minorities in Astronomy \(SGMA\)](#)
- [Committee on the Status of Minorities in Astronomy \(CSMA\)](#)
- [Committee on the Status of Women in Astronomy \(CSWA\)](#)
- [Education Committee](#)
- [Committee on Light Pollution, Radio Interference, and Space Debris](#)









