



CHARTER
of the
NATIONAL SCIENCE AND TECHNOLOGY COUNCIL

Official Designation

The following committees are hereby established by action of the National Science and Technology Council (NSTC). The NSTC, a Cabinet-level council, is the principal means for the President to coordinate science and technology policies across the Federal Government. The work of the NSTC is organized under six primary committees: S&T Enterprise, Environment, Homeland and National Security, Science, STEM Education, and Technology. It also includes two special committees: The Select Committee on AI and the Joint Committee on Research Environments. Each of these committees oversees subcommittees and working groups focused on different aspects of science and technology and provides Federal science and technology (S&T) enterprise-wide guidance and direction to the NSTC as it conducts its policy deliberations.

NSTC Committees:

- Committee on Science
- Committee on Technology
- Committee on Homeland and National Security
- Committee on Environment
- Committee on STEM Education
- Committee on S&T Enterprise
- Joint Committee on the Research Environment
- Select Committee on AI

Purpose and Scope

The purpose of these committees is to advise and assist the NSTC, under Executive Order 12881¹, to increase the overall effectiveness and productivity of Federal research and development (R&D) efforts in the areas of science and technology aimed at accomplishing multiple national goals.

¹ Exec. Order No. 12881, *as amended* (1993).

Functions

Reporting to and under the direction of the Executive Director and Deputy Executive Director of the NSTC, the committees will:

1. Facilitate planning, coordination, and communication among Federal departments and agencies involved in supporting the S&T enterprise and related efforts;
2. Help identify, define, and advise the NSTC on Federal priorities and plans for crosscutting S&T issues, and recommend options for Federal priorities;
3. Coordinate with other NSTC committees and facilitate NSTC clearance of documents generated by interagency groups that are established under its aegis;
4. Direct, coordinate, and prioritize the work of sub-bodies established by the committees.²

All committee co-chairs, consistent with NSTC principal endorsement, will recommend action on major R&D issues to the Director of the Office of Science and Technology Policy for approval.

Membership

The following departments and agencies are represented on the NSTC:

Central Intelligence Agency;
Department of Agriculture;
Department of Commerce;
Department of Defense;
Department of Education;
Department of Energy;
Department of Health and Human Services; Department
of Homeland Security;
Department of the Interior;
Department of Justice;
Department of Labor; Department
of State;
Department of Transportation; Department
of Treasury;
Department of Veterans Affairs;
Environmental Protection Agency;
National Aeronautics and Space Administration;
National Science Foundation;
National Security Agency;
Office of the Director of National Intelligence; and
Smithsonian Institute

² The list of current CSTE Subcommittees, their members, and their Co-chairs is located in Appendix 1 to this Charter.

The following components of the Executive Office of the President shall also be represented on the NSTC and its sub-bodies where relevant:

- Domestic Policy Council;
- National Economic Council;
- National Security Council;
- Office of Management and Budget;
- Office of the Vice President; and
- Office of Science and Technology Policy (Chair).

Cooperating departments and agencies shall include such other Executive organizations, departments, and agencies as the Co-Chairs may designate, as appropriate.

Private-Sector Interface

The NSTC may seek advice from the President's Council of Advisors on Science and Technology to secure appropriate private sector advice and will recommend to the NSTC and/or the OSTP Director the nature of additional private-sector³ advice needed to accomplish its mission. The NSTC may also interact with and receive *ad hoc* advice from various private-sector groups consistent with the Federal Advisory Committee Act.

Determination

I hereby determine that the establishment of the NSTC and its sub-bodies is in the public interest in connection with the performance of duties imposed on the Executive Branch by law, and that such duties can best be performed through the advice and counsel of such a group.

³ The Federal Advisory Committee Act, 5 U.S.C. App., as amended, does not explicitly define "private sector," but the phrase is generally understood to include individuals or entities outside the Federal government such as, but not limited to, the following: non-Federal sources, academia, State, local or Tribal governments, individual citizens, the public, non-governmental organizations, industry associations, and international bodies.

APPENDIX 1

NSTC Committees

Committees provide guidance and direction to the NSTC as it conducts its policy deliberations. Additionally, committees are responsible for directing, coordinating, and prioritizing the work of subcommittees established under its authority. The following committees are established by the NSTC⁴:

Committee Name	Members	Termination Date
Committee on Science (CoS)	Department of Agriculture Department of Commerce Department of Defense Department of Education Department of Energy Department of Health and Human Services National Institutes of Health (Co-Chair) Department of Homeland Security Department of Interior Department of Labor Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Security Agency National Science Foundation (Co-Chair) Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Smithsonian Institute	12/31/20221
Committee on Technology (CoT)	Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair) Department of Defense Department of Education Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of Interior Department of Labor Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Security Agency National Science Foundation Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Smithsonian Institute	12/31/2021

<p>Committee on Homeland and National Security (CHNS)</p>	<p>Department of Agriculture Department of Commerce Department of Defense (Co-Chair) Department of Education Department of Energy Department of Health and Human Services (Co-Chair) Department of Homeland Security Department of Interior Department of Labor Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Security Agency National Science Foundation Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Smithsonian Institute</p>	<p>12/31/2021</p>
<p>Committee on Environment (CoE)</p>	<p>Department of Agriculture Department of Commerce National Oceanic and Atmospheric Administration (Co-Chair) Department of Defense Department of Energy Department of Interior (Co-Chair) Environmental Protection Agency (Co-Chair) National Aeronautics and Space Administration National Science Foundation Office of Management and Budget Office of Science and Technology Policy (Co-Chair)</p>	<p>12/31/2021</p>
<p>Committee on STEM Education (CoSTEM)</p>	<p>Department of Agriculture Department of Commerce Department of Defense Department of Education Department of Energy Department of Health and Human Services Department of Labor National Aeronautics and Space Administration (Co-Chair) National Science Foundation (Co-Chair) Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Smithsonian Institute</p>	<p>12/31/2021</p>
<p>Committee on S&T Enterprise (CSTE)</p>	<p>Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair) Department of Defense Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security National Science Foundation (Co-Chair) Office of Management and Budget Office of Science and Technology Policy (Co-Chair)</p>	<p>12/31/2021</p>

<p>Joint Committee on the Research Environment (JCORE)</p>	<p>Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair) US Patent and Trademark Office Department of Defense Department of Energy (Co-Chair)</p>	<p>12/31/2021</p>
	<p>Department of Health and Human Services National Institutes of Health (Co-Chair) Department of State National Aeronautics and Space Administration National Security Agency National Science Foundation (Co-Chair) Office of Management and Budget Office of Science and Technology Policy (Co-Chair)</p>	

APPENDIX 2

NSTC Subcommittees and Working Groups

The subcommittees provide guidance and direction to the NSTC as it conducts its policy deliberations. Additionally, the subcommittees are responsible for directing, coordinating, and prioritizing the work of subcommittees established under its authority. The following subcommittees are established by the NSTC⁴:

Cmte	Subcommittee Name	Members	Termination Date
CoS	Subcommittee on Quantum Information Science (SQIS)	Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair) Department of Defense Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of State National Aeronautics and Space Administration National Security Agency National Science Foundation (Co-Chair) Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021
CoS	Subcommittee on Open Science (SOS)	Department of Agriculture Department of Commerce Department of Defense Department of Education Department of Energy Department of Health and Human Services National Institutes of Health (Co-Chair) Department of Homeland Security Department of Interior Department of State Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Smithsonian Institution	12/31/2021

⁴ The Networking Information Technology Research and Development (NITRD) Subcommittee also falls under the CSTE but is chartered individually.

CoS	Physical Sciences Subcommittee (PSSC)	Department of Commerce Department of Defense Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of State National Aeronautics and Space Administration National Science Foundation (Co-Chair) Office of Management and Budget	12/31/2021
		Office of Science and Technology Policy (Co-Chair)	
CoS	Subcommittee on Biological Sciences	Department of Agriculture Department of Commerce Department of Defense Department of Energy Department of Health and Human Services National Institutes of Health (Co-Chair) Department of Homeland Security Department of Interior Department of State Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation (Co-Chair) Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Smithsonian Institution	12/31/2021
CoT	Subcommittee on Advanced Manufacturing (SAM)	Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair) Department of Defense (Co-Chair) Department of Education Department of Energy Department of Health and Human Services Department of Labor Department of State National Aeronautics and Space Administration National Science Foundation (Co-Chair) Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Small Business Administration	12/31/2021
CoT	Materials Genome Initiative (MGI)	Department of Agriculture Department of Commerce Department of Defense (Co-Chair) Department of Energy Department of Health and Human Services Department of State National Aeronautics and Space Administration National Science Foundation (Co-Chair) Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021

CoT	Nanotechnology Subcommittee (NSET)	Department of Agriculture Department of Commerce Department of Defense (Co-Chair) Department of Education Department of Energy (Co-Chair) Department of Health and Human Services Department of Labor Department of State Department of Transportation Environmental Protection Agency National Science Foundation (Co-Chair) Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021
CoT	Machine Learning/AI Subcommittee	Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair)	12/31/2021
	(MLAI)	Department of Defense Department of Education Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of Interior Department of Justice Department of State Department of Veteran Affairs National Aeronautics and Space Administration National Security Agency National Science Foundation (Co-Chair) Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	
CHNS	Health Security Threats	Department of Agriculture (Co-Chair) Department of Health and Human Services Assistant Secretary for Preparedness & Response (Co-Chair) Department of Commerce Department of Defense (Co-Chair) Department of Energy Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Management and Budget Office of Science and Technology Policy (Co-Chair) Smithsonian Institution	12/31/2021

CHNS	Space Weather, Security, & Hazards (SWSH)	Department of Agriculture Department of Commerce Department of Defense Department of Energy Department of Homeland Security Department of Interior Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration (CoChair) National Science Foundation (Co-Chair) Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021
CHNS	Subcommittee on Resilience S&T (SRST)	Department of Commerce National Oceanic & Atmospheric Administration (Co-Chair) Department of Defense Department of Energy Department of Homeland Security (Co-Chair) Department of Interior Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration	12/31/2021
		National Science Foundation Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	
CHNS	Special Cyber Operations Research & Engineering Subcommittee (SCORE)	Department of Commerce Department of Defense (Co-Chair) Department of Energy Department of Homeland Security Department of Interior Department of Justice Department of State Department of Treasury National Security Agency (Co-Chair) National Science Foundation (Co-Chair) Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021
CHNS	Critical Minerals Subcommittee	Department of Agriculture Department of Commerce Department of Defense Department of Education Department of Energy (Co-Chair) Department of Homeland Security Department of Interior United States Geological Survey (Co-Chair) Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021

CHNS	Nuclear Defense R&D Subcommittee (NDRD)	Department of Commerce Department of Defense (Co-Chair) Department of Energy (Co-Chair) Department of Homeland Security Department of State National Aeronautics and Space Administration National Security Agency Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021
CHNS	Resilience S&T	Department of Commerce Department of Defense (Co-Chair) Department of Energy (Co-Chair) Department of Homeland Security Department of State National Aeronautics and Space Administration National Security Agency Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	12/31/2021
CHNS	Economic and Security Information for Quantum (ESIX)	Central Intelligence Agency Department of Commerce National Institute of Standards and Technology (Co-Chair) Department of Defense (Co-Chair) Department of Energy (Co-Chair) Department of Homeland Security	12/31/2021

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		Department of Justice Department of State National Security Agency (Co-Chair) National Science Foundation (Co-Chair) Office of the Director of National Intelligence Office of Management and Budget Office of Science and Technology Policy (Co-Chair)	
CHNS	Space Weather (SWORM) IWG	Department of Agriculture Department of Commerce Department of Defense Department of Energy Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Management and Budget Office of Science and Technology Policy	12/31/2021
CSTE	Networking IT R&D ⁵	Department of Agriculture Department of Commerce Department of Defense Department of Education Department of Energy Department of Health and Human Services National Institutes of Health (Co-Chair) Department of Homeland Security Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Management and Budget Office of Science and Technology Policy	12/31/2021
CSTE	Subcommittee on International Science & Technology Coordination ⁶	Department of Agriculture Department of Commerce Department of Defense Department of Energy Department of Health and Human Services Department of Homeland Security Department of Interior Department of State National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy Smithsonian Institution	12/31/2021

⁵ Congressionally mandated under Federal Financial Assistance Management Improvement Act, Pub. L. No. 106107 (1999)

⁶ Congressionally mandated under 42 U.S.C. § 6625

CSTE	Scientific Collections Interagency Working Group	Department of Agriculture (Co-Chair) Department of Commerce Department of Defense Department of Energy Department of Health and Human Services Department of Homeland Security	12/31/2021
		Department of Interior Department of Justice Department of State Department of Transportation Department of Veterans Affairs Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy (Co-Chair) Smithsonian Institution (Co-Chair) United States Agency for International Development	
CSTE	Subcommittee on R&D Infrastructure	Department of Agriculture Department of Commerce Department of Defense (Co-Chair) Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation (Co-Chair) Office of Science and Technology Policy (Co-Chair) Office of the Director of National Intelligence Smithsonian Institution	12/31/2021
CSTE	Subcommittee on Lab-to-Market (L2M)	Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair) Department of Defense Department of Education Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Department of Transportation Department of Veterans Affairs Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy (Co-Chair) Small Business Administration	12/31/2021

CSTE	Bioeconomy	Department of Agriculture Department of Commerce National Institute of Standards and Technology (Co-Chair) Department of Defense Department of Education Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Department of Transportation Department of Veterans Affairs Environmental Protection Agency National Aeronautics and Space Administration	12/31/2021
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		National Science Foundation Office of Science and Technology Policy (Co-Chair) Small Business Administration	
COE	Polar Research (IARPC)	Department of Agriculture Department of Commerce Department of Defense Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Department of Transportation National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy Smithsonian	12/31/2021
COE	Global Change (USGCRP)	Department of Agriculture Department of Commerce Department of Defense Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy Smithsonian USAID	12/31/2021

COE	Earth Observation (USGEO)	Department of Agriculture Department of Commerce Department of Defense Department of Energy (Co-Chair) Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy Smithsonian	12/31/2021
COE	Aquaculture	Department of Agriculture Department of Commerce Department of Health and Human Services Department of Interior Department of State Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy Smithsonian	12/31/2021
COE	Ocean Science (SOST)	Department of Agriculture Department of Commerce Department of Defense	12/31/2021

		Department of Energy Department of Health and Human Services Department of Interior Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy Smithsonian	
COSTEM	FC-STEM	Department of Agriculture Department of Commerce NOAA NIST Department of Defense Department of Education Department of Energy Department of Health and Human Services Department of Homeland Security Department of Interior Department of Labor Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Security Agency National Science Foundation Office of Science and Technology Policy (Co-Chair) Smithsonian	12/31/2021

COSTEM	Diversity and Inclusion (IWG)	Department of Agriculture Department of Commerce NOAA USPTO Department of Defense Department of Education Department of Energy Department of Health and Human Services Department of Homeland Security Department of Interior Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy (Co-Chair) Smithsonian	12/31/2021
COSTEM	Convergence (IWG)	Department of Commerce USPTO NOAA Department of Defense Department of Education Department of Energy National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy (Co-Chair)	12/31/2021
COSTEM	Strategic Partnerships	Department of Commerce USPTO Department of Defense	12/31/2021

	(IWG)	Department of Education Department of Energy Department of Homeland Security Department of Interior National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy (Co-Chair) Smithsonian	
COSTEM	Computational Literacy (IWG)	Department of Agriculture Department of Commerce USPTO NIST Department of Defense Department of Education Department of Energy National Science Foundation Office of Science and Technology Policy (Co-Chair) Smithsonian	12/31/2021

COSTEM	Transparency and Accountability (IWG)	Department of Agriculture Department of Commerce USPTO NOAA Department of Defense Department of Education Department of Energy Department of Homeland Security National Aeronautics and Space Administration National Science Foundation Office of Science and Technology Policy (Co-Chair)	12/31/2021
JCORE	Coordinating Administrative Research Requirements (CARR)	Department of Agriculture Department of Commerce NIST NOAA Department of Defense Department of Education Department of Energy Department of Health and Human Services Department of Homeland Security Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Security Agency National Science Foundation Office of Science and Technology Policy (Co-Chair)	12/31/2021
JCORE	Rigor and Integrity in Research	Department of Agriculture Department of Commerce NIST Department of Defense Department of Education Department of Energy Department of Health and Human Services Department of Homeland Security Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Security Agency National Science Foundation	12/31/2021
		Office of Science and Technology Policy (Co-Chair) Smithsonian	

JCORE	Research Security	Department of Agriculture Department of Commerce USPTO NIST Department of Defense Department of Education Department of Energy Department of Health and Human Services Department of Homeland Security Department of Interior Department of Justice Department of State Department of Transportation Environmental Protection Agency National Aeronautics and Space Administration National Security Agency National Science Foundation Office of Science and Technology Policy (Co-Chair) Smithsonian	12/31/2021
JCORE	Safe and Inclusive Research Environments (SIRE)	Department of Agriculture Department of Commerce NIST Department of Defense Department of Education Department of Energy Department of Health and Human Services Department of Homeland Security Department of Transportation National Aeronautics and Space Administration National Security Agency National Science Foundation Office of Science and Technology Policy (Co-Chair) Smithsonian	12/31/2021