



CHARTER of the
SUBCOMMITTEE ON NETWORKING AND INFORMATION TECHNOLOGY RESEARCH
AND DEVELOPMENT
COMMITTEE ON TECHNOLOGY
NATIONAL SCIENCE AND TECHNOLOGY COUNCIL

A. Official Designation

The Subcommittee on Networking and Information Technology Research and Development (“the Subcommittee”) is hereby established by action of the National Science and Technology Council’s (NSTC) Committee on Technology (CoT). The Subcommittee is created to serve as the internal deliberative organization of the CoT for networking and information technology research and development (R&D) policy, program, and budget guidance and direction for the Executive Branch. The CoT shall serve as the forum for resolving issues raised by the Subcommittee. For purposes of this document, R&D includes fundamental and applied research, technology development and engineering, demonstrations, and education and training, and “agencies” refers to Federal agencies, departments, directorates, foundations, institutes, and offices.

B. Purpose and Scope

The purpose of the Subcommittee is to coordinate the multi-agency Networking and Information Technology Research and Development (NITRD) Program to help:

- Assure continued U.S. leadership in networking and information technology
- Satisfy the needs of the Federal government for advanced networking and information technology
- Accelerate development and deployment of advanced networking and information technology

in order to maintain world leadership in science and engineering, enhance national defense and national U.S. productivity and competitiveness and promote long-term economic growth, improve the health of the U.S. citizenry, protect the environment, improve education, training, and lifelong learning, and improve the quality of life.

The purpose of the Subcommittee is also to implement relevant provisions of the High-Performance Computing Act of 1991 (P.L. 102-194), as amended by the Next Generation Internet Research Act of 1998 (P. L. 105-305), and the America Creating Opportunities to

Meaningfully Promote Excellence in Technology, Education and Science (COMPETES) Act of 2007 (P.L. 110-69).

The scope of activities of the Subcommittee includes:

- Coordinating the planning, budgeting, implementation, and reviews of R&D in networking and information technology across the member agencies
- Maintaining appropriate interaction with the Congress, the Office of Management and Budget (OMB), the Office of Science and Technology Policy (OSTP), academia, and industry on behalf of the NITRD Program
- Interacting with other agencies that need advanced networking and information technology to identify networking and information technology research and development needs
- Coordinating agency responses to recommendations by the President's Council of Advisors on Science and Technology (PCAST) and other appropriate Federal advisory bodies

C. Functions

The Subcommittee shall:

- Prepare coordinated short-, mid-, and long-range plans for Federal networking and information technology research and development
- Coordinate NITRD Program planning and budget activities with OSTP and OMB
- Coordinate with other NSTC Subcommittees on issues of mutual interest
- Produce annual Supplements to the President's Budget and other documents as appropriate
- Hold regular Subcommittee meetings including planning meetings and budget/technical reviews
- Maintain and oversee coordinating groups and/or interagency working groups for NITRD Program areas
- Interact with Congress and prepare information pursuant to statute on behalf of the NITRD Program

D. Membership

The following Federal agencies are represented on the Subcommittee:

- *Within the Department of Commerce:*
 - National Institute of Standards and Technology (NIST)
 - National Oceanic and Atmospheric Administration (NOAA)
- *Within the Department of Defense (DoD)*
 - Defense Advanced Research Projects Agency ((DARPA)
 - National Security Agency (NSA)
 - Office of the Secretary of Defense (OSD)
 - Air Force
 - Army
 - Navy
- *Within the Department of Energy (DOE)*
 - National Nuclear Security Administration (DOE/NNSA)
 - Office of Science (DOE/SC)
- *Within the Department of Health and Human Services (HHS)*
 - Agency for Healthcare Research and Quality (AHRQ)
 - National Institutes of Health (NIH)
- Department of Homeland Security (DHS)
- Environmental Protection Agency (EPA)
- National Archives and Records Administration (NARA)
- National Aeronautics and Space Administration (NASA)
- *Within the National Science Foundation (NSF)*
 - Computer and Information Science and Engineering Directorate (CISE)
 - Office of Cyber Infrastructure (OCI)

Additionally, the following offices shall participate in Subcommittee activities:

- OSTP
- OMB
- National Coordination Office (NCO) for NITRD

E. Structure of the Subcommittee

The NITRD Subcommittee will be structured as follows:

- The co-chairs of the CoT shall designate an agency co-chair for the Subcommittee. The Director of the NCO/NITRD shall serve as Subcommittee co-chair.
- Each agency shall have a representative and one or more alternates on the Subcommittee.

- Co-chairs of Program Component Areas (PCAs) shall participate in Subcommittee activities.
- Inter-agency coordination, fact finding and planning of PCAs shall occur between the formal, scheduled Subcommittee meetings.

F. Private Sector Interface

PCAST is charged by the High Performance Computing and Communications Act of 1991 (P.L. 102-194) as amended by the Next Generation Internet Research Act of 1998 (P.L. 105-305) with providing an independent assessment of the progress made in implementing the High Performance Computing and Communications Program, now called the NITRD Program. This assessment is presented to the Director of the OSTP.

The Subcommittee may also interact with and receive *ad hoc* advice from other Federal advisory bodies and from private sector groups as consistent with the Federal Advisory Committee Act.

G. Resources

The NCO/NITRD shall provide technical and administrative support to the Subcommittee and to any coordinating groups and interagency working groups under the Subcommittee. The NCO shall be supported by member agencies on an equitable basis. The NCO shall be staffed by Government detailees and contract employees, and through the Intergovernmental Personnel Act (IPA) Mobility Program.

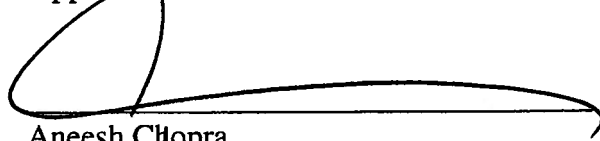
H. Termination Date

Unless renewed by the chair of the Committee on Technology prior to its expiration, this Subcommittee shall be subject to termination no later than December 31, 2012.

I. Determination

We hereby determine that the formation of the Subcommittee on Networking and Information Technology Research and Development 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.

Approved:



Aneesh Chopra
U.S. Chief Technology Officer and
Co-Chair of the NSTC's Committee on Technology

7/29/10
Date

Vivek Kundra

Vivek Kundra
U.S. Chief Information Officer and
Co-Chair of the NSTC's Committee on Technology

08/02/10

Date

Philip J. Weiser

Philip J. Weiser
Senior Advisor to the NEC Director for Technology and Innovation
Co-Chair of the NSTC's Committee on Technology

8/10/10

Date