

Committee on Technology
Subcommittee on
Networking and Information Technology Research and Development
Charter

Preamble

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

Purpose

The purpose of the NITRD Subcommittee is to coordinate the multi-agency NITRD Program to help:

- Provide R&D foundations for assuring continued U.S. technological leadership in advanced networking, computing systems, software, and associated information technologies
- Provide R&D foundations for meeting the needs of the Federal government for advanced networking, computing systems, software, and associated information technologies
- Accelerate development and deployment of these technologies in order to maintain world leadership in science and engineering; enhance national defense and national and homeland security; improve 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 NITRD Subcommittee is also to implement 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).

Scope

The scope of activities of the NITRD Subcommittee includes:

- Coordinating the planning, budgeting, implementation, and reviews of R&D in networking and information technology across Federal 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 Federal agencies that need advanced networking or information technology to identify their networking and information technology R&D needs
- Coordinating agency response to recommendations by the President's Council of Advisors for Science and Technology (PCAST) Networking and Information Technology (NIT) Subcommittee and other Federal advisory bodies, as appropriate

Functions

The NITRD Subcommittee shall:

- Prepare coordinated long-range plans for the Federal NITRD Program
- 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 for NITRD Program areas
- Hold regular Subcommittee meetings including planning meetings and budget/technical reviews
- Maintain and oversee interagency working groups and/or coordinating groups for NITRD Program areas
- Interact with Congress and prepare information pursuant to statute on behalf of the NITRD Program

Membership

The following Federal agencies are represented on the NITRD Subcommittee:

- *Within the Department of Commerce:*
 - National Institute of Standards and Technology
 - National Oceanic and Atmospheric Administration
- *Within the Department of Defense*
 - Defense Advanced Research Projects Agency
 - National Security Agency
 - Office of the Secretary of Defense and DoD Service research organizations
- *Within the Department of Energy*
 - National Nuclear Security Administration
 - Office of Science

- *Within the Department of Health and Human Services*
 - Agency for Healthcare Research and Quality
 - National Institutes of Health
- *Within the Department of Homeland Security*
 - Science and Technology Directorate
- Environmental Protection Agency
- National Aeronautics and Space Administration
- National Archives and Records Administration
- *Within the National Science Foundation*
 - Computer and Information Science and Engineering Directorate
 - Office of Cyberinfrastructure

The following offices shall participate in NITRD Subcommittee activities:

- National Coordination Office for Networking and Information Technology Research and Development (NCO/NITRD)
- Office of Management and Budget
- Office of Science and Technology Policy

NITRD Subcommittee Leadership and Operations

The NITRD Subcommittee will be structured as follows:

The co-chairs of the Committee on Technology shall designate an agency co-chair for the Subcommittee. The Director of the National Coordination Office for Networking and Information Technology Research and Development (NCO/NITRD) shall serve as the other Subcommittee co-chair. Each agency shall have at least one representative and one or more alternates on the Subcommittee. Co-chairs of interagency working groups and coordinating groups shall participate in Subcommittee activities.

Intra- and inter-agency coordination, fact finding, interagency working group efforts, coordinating group efforts, and planning shall occur between the formal, scheduled Subcommittee meetings.

Private-Sector Interface

The President's Information Technology Advisory Committee (PITAC) is charged by 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) with providing the Director of the Office of Science and Technology Policy an independent assessment of the progress made in implementing the High Performance Computing and Communications Program, now called the Networking and Information Technology Research and Development (NITRD) Program. Executive Order 13385, dated September 30, 2005, assigned the role and responsibilities of the PITAC to the President's Council of Science and Technology Advisors (PCAST).

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

Resources

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


Termination Date

Unless renewed by the Committee on Technology prior to its expiration, the NITRD Subcommittee shall terminate no later than March 31, 2009.

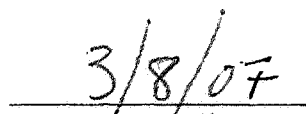
Determination

We hereby determine that the formation of this Subcommittee 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 by such a Subcommittee.

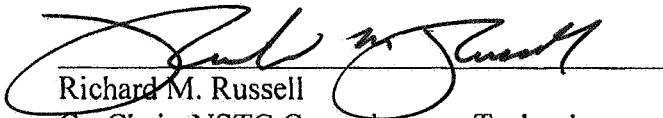
Approved:



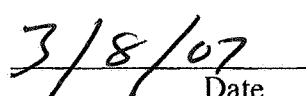
Robert C. Cresanti
Co-Chair, NSTC Committee on Technology



Date



Richard M. Russell
Co-Chair, NSTC Committee on Technology



Date