Agenda

- **Introduction to the Networking and Information Technology Research and Development (NITRD) program**

- **Today's speakers**
  - Bill Thigpen - NASA
  - Dan Hitchcock - DOE/Office of Science
  - Almadena Chtchelkanova – NSF
  - Steve Meacham - NSF
  - Judith Terrill - NIST

NITRD National Coordination Office

♦ **Definition:**

- The NITRD Program is the primary mechanism by which the U.S. Government coordinates its unclassified networking and information technology (IT) research and development (R&D) investments.

♦ **Legislation:**

- The High-Performance Computing Act of 1991 (Public Law 102-194) as amended by the

- Next Generation Internet Research Act of 1998 (P.L. 105-305) and the

- America COMPETES Act of 2007 (P.L 110-69)

♦ **Objectives:**

- Serve as the Federal focal point for interagency technical planning, budget planning, and coordination for the Federal NITRD Program

- Serve as a source of timely, high-quality, technically accurate, in-depth information on accomplishments, new directions, and critical challenges for the NITRD Program

- Support NITRD-related policy making in the White House Office of Science and Technology Policy (OSTP)

NITRD

Agency for Health Research Quality

Defense Advanced Research Projects Agency

DOE/National Nuclear Security Administration
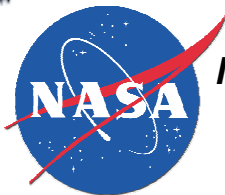
DOE/Office of Science

Environmental Protection Agency

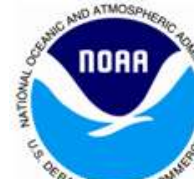**National Archives and Records Administration**

National Aeronautics and Space Administration

National Institutes of Health

National Institute of Standards and Technology

National Oceanic and Atmospheric Administration

National Security Agency

Department of Defense

National Science Foundation

NITRD Program Organization

White House
**Executive Office
of the President**

Office of Science and Technology Policy

**President's Council of
Advisors on Science and
Technology (PCAST)**
serving as the
**President's Information
Technology Advisory
Committee (PITAC)**

National Science and Technology Council

**Committee on
Technology**

**National Coordination Office (NCO)
for Networking and
Information Technology
Research and Development**

**Subcommittee on
Networking and Information
Technology Research and
Development (NITRD)**

**High End Computing (HEC)
Interagency Working Group
(HEC I&A, R&D)**

**Cyber Security and
Information Assurance (CSIA)
Interagency Working Group**

**Large Scale
Networking (LSN)
Coordinating Group**

**High Confidence
Software and
Systems (HCSS)
Coordinating Group**

**Human Computer
Interaction and
Information
Management (HCI&IM)
Coordinating Group**

**Social, Economic,
and Workforce
Implications of IT
and IT Workforce
Development (SEW)
Coordinating Group**

**Software Design and
Productivity (SDP)
Coordinating Group**