



# UPDATE FROM THE NATIONAL SCIENCE AND TECHNOLOGY COUNCIL SELECT COMMITTEE ON ARTIFICIAL INTELLIGENCE

*Product of*  
THE WHITE HOUSE  
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

November 30, 2018

On Friday, November 30, The White House hosted the second meeting of the Interagency Select Committee on Artificial Intelligence. The Select Committee was established under the [National Science and Technology Council](#) (NSTC) and is comprised of the most senior research and development (R&D) officials within the Federal Government. The committee is co-chaired by Deputy Assistant to the President for Technology Policy Michael Kratsios, National Science Foundation (NSF) Director Dr. France Córdova, and Defense Advanced Research Projects Agency (DARPA) Director Dr. Steven Walker. The Select Committee is chartered to advise The White House on interagency AI R&D priorities and improve the coordination of Federal AI efforts to ensure continued U.S. leadership in this field.

Senior R&D officials from across the Federal Government highlighted their recent AI-related activities and programs. Notable announcements in recent months include:

- DARPA's [AI Next Campaign](#) to develop the next wave of AI technologies;
- Department of Energy's (DoE) investments in new AI-enabled high performance computing (HPC) systems [Summit and Sierra](#) that are the top two fastest in the world;
- NSF's new [collaboration with the Partnership for AI](#) to explore scientific approaches to the social challenges arising from AI;
- NSF's new program to enable [Cloud Access for data- and compute-intensive research](#); and
- Department of Transportation's release of guidance for automated vehicles AV 3.0 ([Preparing for the Future of Transportation: Automated Vehicles 3.0](#)).

Following the first meeting of the Select Committee in June 2018, this meeting continued discussions of policies to prioritize and promote AI research, including better leveraging Federal data and computing resources for the AI research community, and training the AI-ready workforce. The Select Committee discussed a summary of the responses from the public on the [Request for Information on Update to the 2016 National AI Research and Development Strategic Plan](#), and the use of this feedback to refresh the AI R&D Strategic Plan. The Select Committee discussed approaches to track the implementation of this Plan across the Federal Government.

The Select Committee provided tasking guidance to the NSTC Subcommittee on Machine Learning and Artificial Intelligence, and the AI Interagency Working Group of the [Networking and Information Technology Research and Development Program](#), which is tasked with drafting the refreshed AI R&D Strategic Plan and the approach for tracking its implementation.

At the conclusion of the meeting, the co-chairs of the Select Committee issued the following joint statement:

America's decades-long leadership in AI research and development has resulted in cutting-edge, transformative technologies that are improving lives, growing innovative industries, empowering workers, and increasing national security. These successes are the result of a strong, long-term emphasis on visionary, competitive, and high-payoff fundamental research programs that advance the frontiers of AI, along with programs to train the next generation of

AI practitioners and experts. These AI investments continue to emphasize the broad spectrum of challenges in AI, including core AI research, use-inspired and applied AI R&D, computer systems research in support of AI, and cyberinfrastructure and datasets needed for AI. These investments also strengthen and leverage the unique and vibrant American R&D ecosystem, combining the strengths of government, academia, and industry through impactful partnerships. As we work towards refreshing our National AI R&D Strategic Plan, tracking its implementation, and leveraging Federal resources, we ensure that the United States maintains its leadership in artificial intelligence.