

OFFICE OF SCIENCE AND TECHNOLOGY POLICY

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Presidential Memorandum on Developing a Sustainable Spectrum Strategy for America's Future

INFRASTRUCTURE & TECHNOLOGY | Issued on: October 25, 2018

ALL NEWS

MEMORANDUM FOR THE HEADS OF
EXECUTIVE DEPARTMENTS AND AGENCIES

SUBJECT: Developing a Sustainable Spectrum Strategy for America's Future

By the authority vested in me as President by the Constitution and the laws of the United States of America, it is hereby ordered as follows:

Section 1. Policy. It is the policy of the United States to use radiofrequency spectrum (spectrum) as efficiently and effectively as possible to help meet our economic, national security, science, safety, and other Federal mission goals now and in the future. To best achieve this policy, the National Science and Technology Council (NSTC) is directed to develop a sustainable spectrum strategy for America's future.

CONVENE - ASK - REPORT - INSPIRE - DIRECT



STRATEGY FOR AMERICAN
LEADERSHIP IN ADVANCED
MANUFACTURING

A Report by the
SUBCOMMITTEE ON ADVANCED MANUFACTURING
COMMITTEE ON TECHNOLOGY
of the
NATIONAL SCIENCE & TECHNOLOGY COUNCIL

October 2018





EXECUTIVE OFFICE OF THE PRESIDENT
WASHINGTON, D.C.



July 31, 2018

M-18-22

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM: MICK MULVANEY 
DIRECTOR, OFFICE OF MANAGEMENT AND BUDGET

MICHAEL KRATSIOS 
DEPUTY ASSISTANT TO THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

SUBJECT: FY 2020 Administration Research and Development Budget Priorities

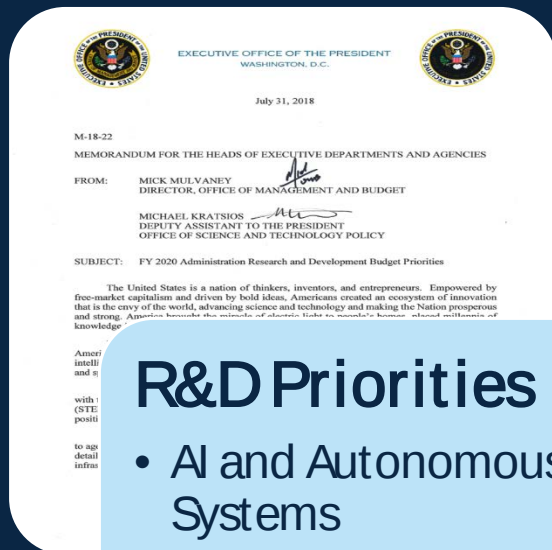
The United States is a nation of thinkers, inventors, and entrepreneurs. Empowered by free-market capitalism and driven by bold ideas, Americans created an ecosystem of innovation that is the envy of the world, advancing science and technology and making the Nation prosperous and strong. America brought the miracle of electric light to people's homes, placed millennia of knowledge in people's pockets, and put men on the Moon and brought them safely back to Earth.

Building on a foundation of Federal research and development (R&D) investments, America will also be the nation that leads in today's emerging technologies, from artificial intelligence (AI) and quantum computing, to biotechnology, advanced wireless communications, and space commercialization.

Federal R&D dollars focused primarily on basic and early-stage applied research, paired with targeted deregulation, and investment in science, technology, engineering, and mathematics (STEM) education and workforce development, will strengthen the Nation's innovation base and position the United States for unparalleled job growth, continued prosperity, and national security.

This memorandum highlights the Administration's R&D priorities and provides guidance to agencies as they formulate their Fiscal Year 2020 budget submissions. This memorandum also details priority practices to effectively leverage R&D resources, including R&D workforce and infrastructure.

OSTP AND OMB SET R&D PRIORITIES



R&D Priorities

- AI and Autonomous Systems
- Adv. Manufacturing
- 5G
- Quantum Information Sciences
- ...

OSTP Action

- Promote R&D ecosystem
- Build STEM workforce
- Bring tech to gov
- Unleash private sector

Nation Impact

- Economic prosperity
- National security
- Government/reg reform

TURNING R&D PRIORITIES INTO IMPACT



UNCLASSIFIED

<https://defense.gov/StrengtheningDefenseIndustrialBase>

Assessing and Strengthening
the Manufacturing and Defense
Industrial Base and Supply Chain
Resiliency of the United States

Report to President Donald J. Trump
by the Interagency Task Force in Fulfillment of
Executive Order 13806

September 2018



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October 2018

ADVANCED MANUFACTURING

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A vision for
**American leadership in
 advanced manufacturing
 across industrial sectors**
 to ensure national security
 and economic prosperity.



2017

ANNUAL REPORT

Program Report

and

Summary of Institute Activities

MANUFACTURING USA INSTITUTES



**STEM EDUCATION
IS NOT JUST A PRIORITY FOR
THE STEM WORKFORCE**