



OFFICE OF THE SECRETARY OF DEFENSE MANUFACTURING TECHNOLOGY PROGRAM

www.DoDManTech.mil

OSD MANTECH PROGRAM MISSION

The Office of the Secretary of Defense Manufacturing Technology (OSD ManTech) Program seeks to further the national security of the United States by furthering advanced manufacturing technologies and processes through joint, interagency, and public-private collaborations.

OSD MANTECH: THE POWER TO CONNECT AND DRIVE TRANSITION

- » Supports the Office of the Secretary of Defense for Research and Engineering OUSD(R&E) Critical Technology areas
- » Manages the Manufacturing Science and Technology Program (see other side for details)
- » Administers the DOD Manufacturing Technology Program
- » Furthers the DOD's Manufacturing Education and Workforce Development activities
- » Collaborates with other federal agencies on advanced manufacturing in the United States
- » Oversees the federal government's partnership with the DOD Manufacturing Innovation Institutes*

*DoD Manufacturing Innovation Institutes are executed out of the OSD ManTech Office with support from the Military services and agencies.

These nine DOD-sponsored institutes are members of the national Manufacturing USA initiative that brings together industry, academia, and federal partners to increase the manufacturing competitiveness of the United States.

Defense
Planning
Guidance



Research &
Engineering



Military
End Users



Industry

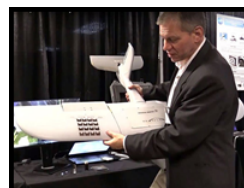
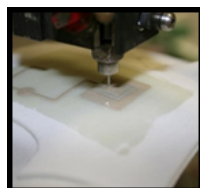


DOD ManTech



Joint Defense Manufacturing Technology Panel

DOD Manufacturing Innovation Institutes



**Our warfighters cannot use it if
our U.S. manufacturers cannot make it!**





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MANUFACTURING SCIENCE & TECHNOLOGY PROGRAM

The Office of the Secretary of Defense Manufacturing Technology Program (OSD ManTech) operates the Manufacturing Science and Technology Program (MSTP) - a research and development investment portfolio focused on a set of identified joint, defense-critical, and sometimes high risk manufacturing technology areas.

HOW TO DO BUSINESS

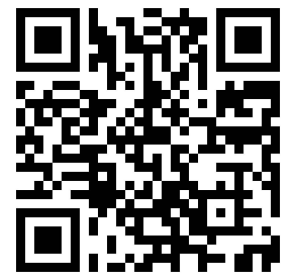
- » Annual proposal cycle
- » Call for proposals (*released in the Fall*)
- » Coordinate through DOD lab infrastructure and Joint Defense Manufacturing Technology Program
- » Investment in topic development
- » Joint Technology Pursuit Areas
- » Acquisition Program Offices, Joint Technology Programs
- » DOD Manufacturing Innovation Institutes
- » Industry engagement
- » Topic submissions from defense scientists and engineers
- » Align with R&E critical technology areas

2023-2024 MSTP PROJECT CYCLE

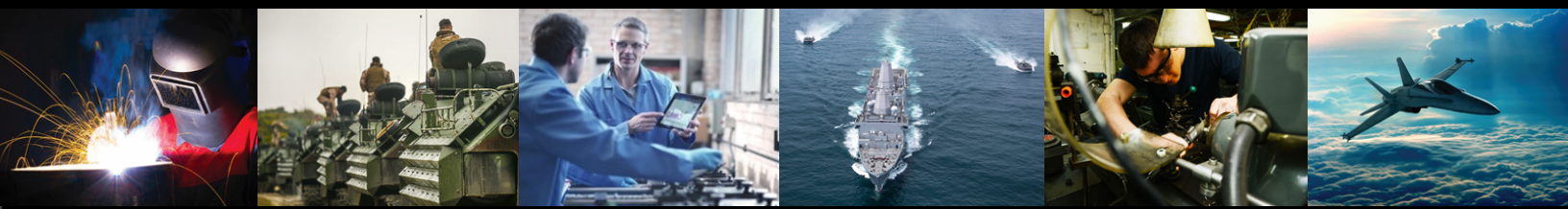
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|--|---|
| » October 2023
MSTP Project Call Released | » March 2024
Phase 1 Down Selects Announced |
| » Early December 2023
Proposers Day Event | » June 2024
Phase 2 Briefings |
| » January 2024
White Paper Submissions Due | » July 2024
Project Selections Announced |



Scan to register for
submission portal



Scan for white paper
submission details



CURRENT INVESTMENT PORTFOLIO

Advanced Electronics and Optics

Advanced Materials and Composites

Advanced and Emerging Manufacturing Processes

Advanced Energetics Manufacturing

OUUSD(R&E) Critical Technology Areas:

- | | |
|---|---|
| » Biotechnology | » Space Technology |
| » Future Generation Wireless Technology (FutureG) | » Renewable Energy Generation and Storage |
| » Quantum Science | » Advanced Computing and Software |
| » Advanced Materials | » Human-Machine Interfaces |
| » Trusted Artificial Intelligence and Autonomy | » Directed Energy |
| » Integrated Network Systems-of-Systems | » Hypersonics |
| » Microelectronics | » Integrated Sensing and Cyber |