



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 advancing manufacturing in the U.S.
- » 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 Services.*

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

Defense Planning Guidance



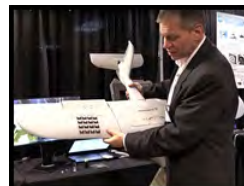
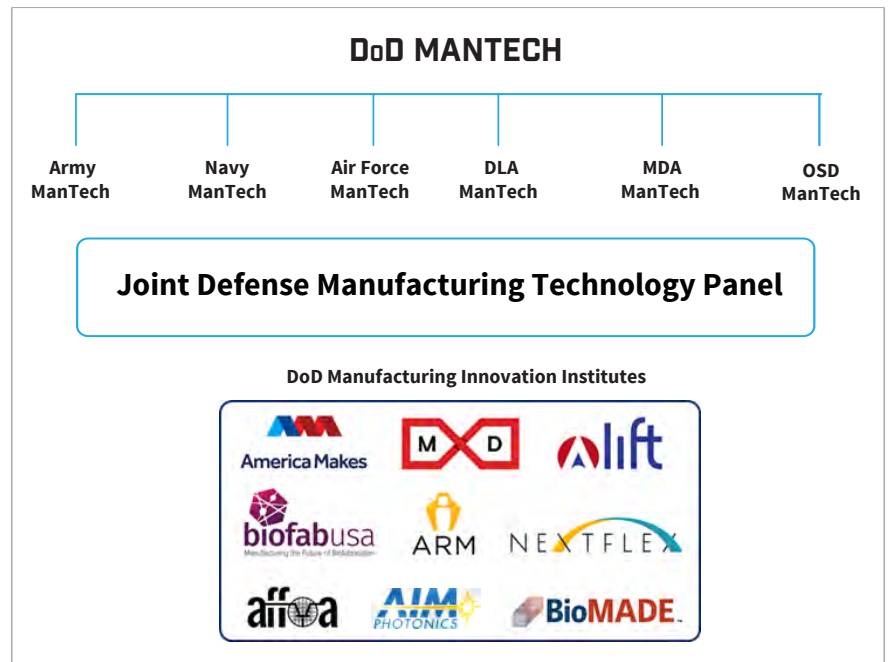
Research & Evaluation



End Users



Industry



**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 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 technologies

SPRING

April - June

- » Semi-Annual Program Management Reviews (*1st week of May*)
- » Phase 2 Call for Proposal In-Person Briefs (*1st week of April*)

SUMMER

July - September

- » Proposal Selections (*June*)
- » Proposal Selections Notifications (*1st week of July*)

FALL

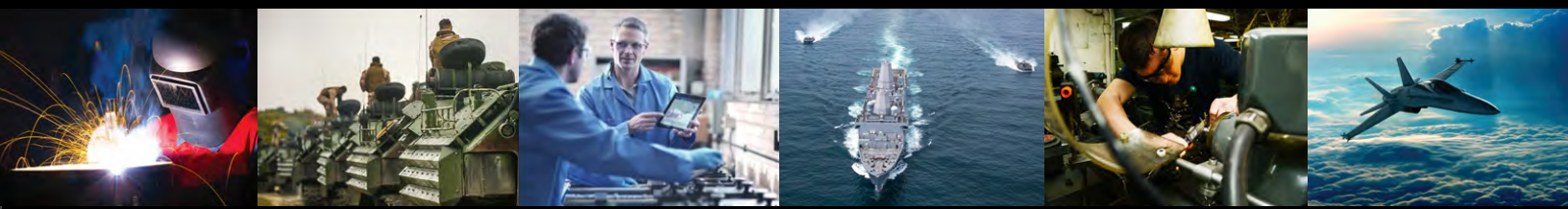
October - December

- » Semi-Annual Program Management Reviews (*1st week of November*)
- » Annual Call for Proposals Released (*October*)
- » Defense Manufacturing Conference (*December*)

WINTER

January - March

- » Annual Program Management Training (*mid-January*)
- » Phase 1 Call for Proposal Submission Due (*1st week of January*)
- » Phase 1 Call for Proposal Selection (*February*)
- » Phase 2 Call for Proposal Submissions Due (*mid-March*)



CURRENT INVESTMENT PORTFOLIO

Advanced Electronics and Optics

Advanced Materials and Composites

Advanced and Emerging Manufacturing Processes

Advanced Energetics Manufacturing

OUSD(R&E) Critical Technology Areas:

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