



DoW Critical Technology Areas



APPLIED ARTIFICIAL INTELLIGENCE



QUANTUM AND BATTLEFIELD INFORMATION DOMINANCE



BIOMANUFACTURING



SCALED HYPERSONICS



CONTESTED LOGISTICS TECHNOLOGIES



SCALED DIRECTED ENERGY



DoW Innovation Ecosystem

- Realignment is designed to **push technology to the warfighter through faster decisions** and a more focused innovation enterprise.
- **Unified innovation ecosystem** built around six execution organizations that will operate under the purview of the CTO:
 - Chief Digital and Artificial Intelligence Office (CDAO)
 - Defense Advanced Research Projects Agency (DARPA)
 - Defense Innovation Unit (DIU)
 - Office of Strategic Capital (OSC)
 - Strategic Capabilities Office (SCO)
 - Test Resource Management Center (TRMC)

"We are rolling out the red carpet for innovators who want to work with the War Department. This new structure creates a stronger identity for our innovation ecosystem and gives industry a more direct path to move technology into the hands of the American warfighter."

The Honorable Emil Michael, Under Secretary of War for Research and Engineering



DoW S&T Enterprise

60+

DoD labs/centers across 25 states and Washington, DC

9

Manufacturing Innovation Institutes in 9 states

16

COIs and Coordinated S&T program through ExCom

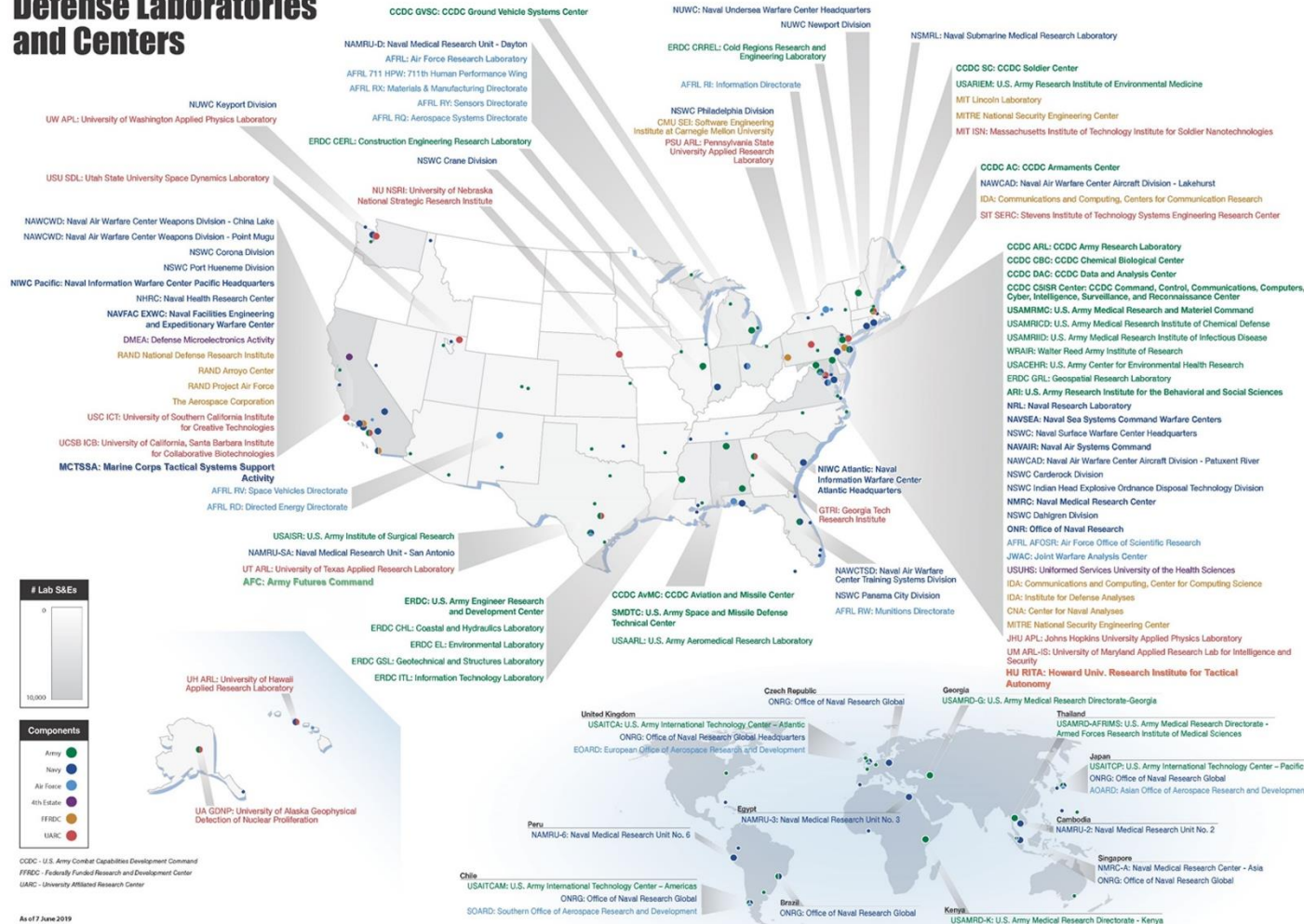
15

UARCs in 12 states

10

FFRDCs in 5 states

Defense Laboratories and Centers



2600+

SBIR/STTR awards across the Department

92

STEM Education Programs across the Department

7100+

Active Cooperative Research and Development Agreements (CRADA) across the Department

Extensive international collaborations