

#### R & E CRITICAL TECHNOLOGIES PANEL

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**MARCH 2023** 

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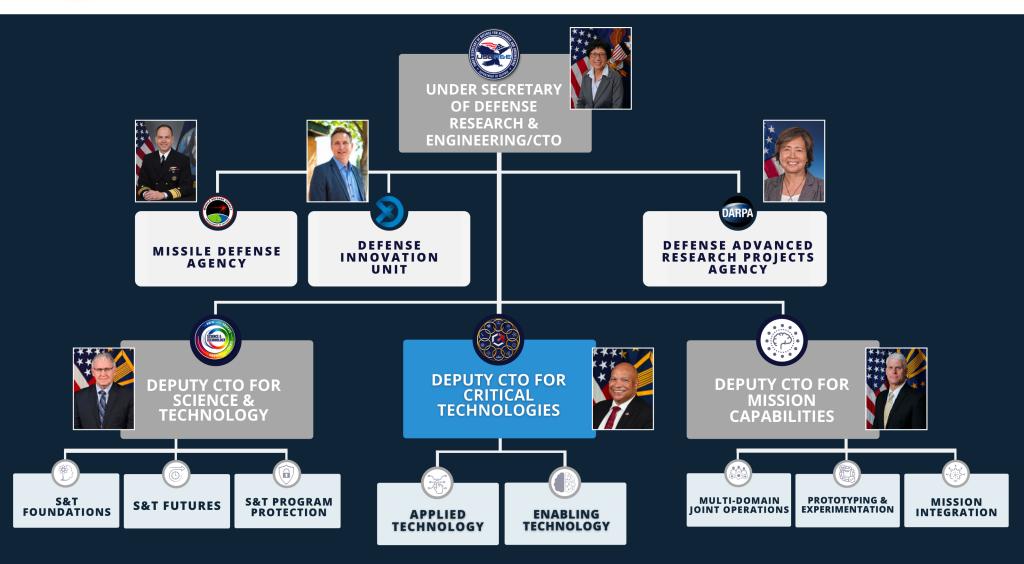




## OUSD(R&E) ORGANIZATIONAL STRUCTURE



THE OFFICE OF THE DEPUTY CHIEF TECHNOLOGY OFFICER FOR CRITICAL TECHNOLOGIES





#### CRITICAL TECHNOLOGY AREAS



THE OFFICE OF THE DEPUTY CHIEF TECHNOLOGY OFFICER FOR CRITICAL TECHNOLOGIES

The creation of the Office of the Deputy CTO for Critical Technologies was informed by the 2022 and 2019 National Defense Strategies, which initially established the previous modernization priority areas. Expanding on the original priorities, there are now 14 critical technology areas that are vital to maintaining the United States' national security grouped into three categories.

Seed Areas of Emerging Opportunity



**Biotechnology** 

((Ç))) FutureG

Quantum Science

These CTAs are now aligned under the Deputy CTO for Science & Technology

Effective Adoption Areas





Integrated Network Systems

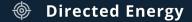
Microelectronics

Renewable Energy
Generation & Storage

Space Technology

Trusted Al & Autonomy

Defense-Specific Areas





🔐 Integrated - Sensing & Cyber



# CRITICAL TECHNOLOGY LEADERSHIP



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### DOD RESEARCH AND ENGINEERING ENTERPRISE

CREATING THE TECHNOLOGIES OF THE FUTURE FIGHT





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