OVERVIEW

The Department of Defense (DoD) annually funds 10 to 15 percent of University of Nebraska research in a wide array of disciplines: electrical, mechanical and molecular engineering, biomedical research, physics, chemistry, psychology, computer science and natural resources.

Our DoD research portfolio is diverse: high-intensity lasers to detect nuclear materials and chemical explosives, nanoscience and laser-assisted engineering of advanced materials to improve armor and naval vessels, biomedical research on robotic telesurgery, vaccines, behavioral sciences and cancer research.

University of Nebraska DoD sponsors include:

- Air Force Office of Scientific Research (AFOSR)
- Air Force Surgeon General (AFSG)
- Army Research Office (ARO)
- Defense Advanced Research Projects Agency (DARPA)
- Defense Threat Reduction Agency (DTRA)
- Medical Research and Materiel Command (MRMC)
- Office of Naval Research (ONR)
- United States Army Medical Research Institute of Infectious Diseases (USAMRIID)

The University of Nebraska is the only university in the nation with a UARC sponsored by a combatant command, United States Strategic Command (USSTRATCOM), putting it in a unique position to create warfighter research solutions through multi-agency research collaborations. NSRI focuses on: active and passive defense against weapons of mass destruction including medical countermeasures and response; nuclear weapons enterprise support; cyber operations and training; threat-based training and exercise support; and technologies for detecting and countering chemical, biological and radiological weapons.