Department of Defense
SUPPORTING U-M RESEARCH AND SCHOLARSHIP

$77 MILLION

Research Supported by DoD in FY20

430

Active Projects Supported by DoD

505

Faculty, Postdocs and Grad Students Supported Annually by DoD

The Department of Defense partners with researchers across U-M to provide branches of the military with the necessary resources to ensure they are well-equipped to address complex challenges and threats facing our nation.
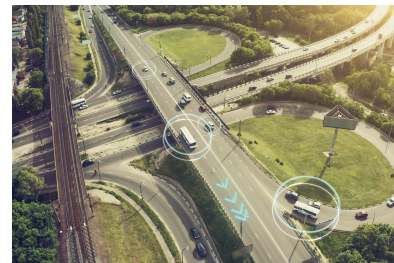
Exploring Human Behavior
A $6.5 million grant from DOD supports U-M research that will help us better understand and shape the networks that are driving human behavior, with a focus on areas such as international diplomacy, street crime, cyberterrorism, military strategy, financial markets, industrial supply chains, and even how to maximize COVID-safe behavior. The grant uses Game Theory to explore human behavior.
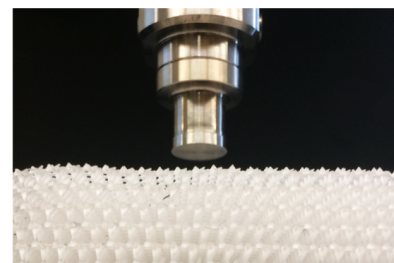
Security Vulnerability in Vehicles
DOD funding supports research led by U-M that addresses the growing problem of security vulnerabilities in vehicles and spacecraft. Vehicles face a varied assortment of electronics — hundreds of processors and millions of lines of code that were designed separately, but now must work together, posing challenges to security. U-M research aims to develop a self-contained patching system to solve this growing problem of security vulnerabilities.

Strengthening body armor
A $7.5 million grant from the DoD Office of Naval Research supports U-M research into the design of a lightweight helmet and body armor that can better absorb impact. U-M research aims to develop a new material that, under regular conditions, would be flexible and suddenly transform into a state that could disperse greater impact when hit by a bullet.

For more information about U-M research, visit **research.umich.edu**

RESEARCH UNIVERSITY OF MICHIGAN