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IN THE SENATE

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

Mr. WARNER. Mr. President, I rise today to recognize the Defense Advanced Research Projects Agency on its 50th anniversary. Today, DARPA celebrates 50 years of innovation and dedication to America's security.

After the Soviet launch of Sputnik, President Dwight D. Eisenhower was determined to ensure this nation was never again surprised by the technological accomplishments of an adversary. On this day in 1958, a central research and development organization, known then as the Advanced Research Projects Agency, or ARPA, and unlike any organization in the world, was created within the Department of Defense.

From the very beginning, its mission has been to ensure that the United States Armed Forces have access to the most advanced war fighting capabilities by developing ideas that many would consider too risky to implement. DARPA's mission is about making smart investments on high-payoff opportunities, and it has been very successful.

Over the past 50 years, DARPA has delivered to our country innovative technological achievements that have given American Forces never-before-seen capabilities. I also note that this achievement has not come without tremendous sacrifice by thousands of DARPA employees and their families as they worked long days to solve challenging scientific matters.

DARPA's notable achievements include early ballistic missile defense, stealth aircraft technology, unmanned aerial vehicles, and autonomous navigation. The benefits of DARPA's efforts have evolved in many ways, from the rocket engines that powered the first manned space flight to the smallest microelectronics in our cell phones today. DARPA also helped develop the Internet, and built the small receivers that made the global positioning system data easily accessible – both have changed the ways our forces operate, and have also changed the lives of all Americans for the better. Entire industries have developed from early DARPA-funded research in core technologies such as material sciences, microelectronics, photonics, and information technology.

I congratulate DARPA for its service to our Nation. The Agency's commitment and contributions over the past 50 years have made DARPA the crown jewel in our nation's national security and we look forward to the achievements they will continue to make for future generations.

As DARPA begins its work for the next 50 years, it is important that we do everything possible to help DARPA continue its tradition of excellence, and thus keep our Nation strong.