



**Homeland
Security**

Press Release

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DHS S&T Announces Next Accelerator Topic ***Steady Focus on Wearable Technology for First Responders***

WASHINGTON – Today, the Department of Homeland Security (DHS) Science and Technology Directorate (S&T) announced the kickoff of *EMERGE 2016: Wearable Technology*, seeking the development of state of the art wearable technologies on the commercial market that can be modified for first responders.

Wearable technology devices use wireless connectivity to collect and share information among multiple devices creating a comprehensive dataset. First responders, who are often using cumbersome and outdated technologies, can leverage wearable devices to minimize equipment while maximizing effective response efforts.

EMERGE continues S&T's focus to significantly change the face of federal government research and development. The goal is to use novel ways to mobilize innovators around the country and the world to solve the most difficult challenges throughout the homeland security enterprise. These include prize competitions, tapping into accelerator networks, and directly funding startups that match homeland security needs, bringing innovative solutions to homeland security community that would be otherwise unavailable.

The team is looking for early-stage companies with the next generation of innovation in the wearable technology that could be adapted for first responders. First responders have a tremendous need for wearable technology, such as body-worn electronics, advance sensors, and integrated voice and data communications embedded in responders' gear.

“Our world is becoming more connected, and we need to take advantage of the emerging technology and get that technology to first responders who make our communities safer and more resilient,” said DHS Deputy Under Secretary for Science and Technology Dr. Robert Griffin a former firefighter and emergency manager. “Innovation is all around us and it is our responsibility to ensure that we are using all the technology and resources possible to ensure safety and efficiency.”

An expansion of the successful *EMERGE* accelerator pilot begun last year, this is S&T's second time partnering with the Center for Innovative Technology (CIT), located in the Dulles

Innovation Corridor. CIT manages MACH37, a cybersecurity accelerator. Its other partner is TechNexus, a venture collaborative based in Chicago. *EMERGE* also is supported by the U.S. Department of Energy Pacific Northwest National Laboratory.

For more information or to apply for S&T *EMERGE 2016: Wearable Technology* program, please visit www.dhs.gov/science-and-technology/accelerator.

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