

BTO UPDATES!

JULY 2026

Expect monthly updates on open solicitations, links to information sessions hosted by the Biological Technologies Office (BTO), and other relevant resources. Our goal is to provide a central space for the latest BTO updates while connecting you to opportunities and the broader network of the Defense Advanced Research Projects Agency (DARPA).

Please reference [the BTO homepage](#) for updates on open solicitations.

OPEN OPPORTUNITIES:

RAPIID: Task Area 3 (TA-3)

The Resuscitation and Prevention of Ischemia-Induced Dysfunction (RAPIID) program seeks to deliver a far-forward, shelf-stable, scalable capability that is equivalent or superior to stored whole blood in early resuscitation, while removing dependence on cold chain requirements and donor logistics. RAPIID will achieve this by developing a blood analog system comprising blood analog components administered in conjunction with ruggedized delivery formats, point-of-care diagnostics, and clinical practice guidelines.

The RAPIID program requires a dedicated, independent research and regulatory function to ensure that blood analog components and fielding technologies developed under TA-1 and TA-2 are rigorously evaluated and advanced toward clinical adoption. TA-3 serves as the program's Contract Research Organization, providing unified, in-house capabilities and accountability for all regulatory, clinical, and preclinical activities.

This announcement only solicits proposals only for TA-3 of the RAPIID program.

Notice ID: DARPA-PA-26-09

Contact: RAPIID@darpa.mil

Deadline: July 29, 2026 3:00 PM (ET)

[Read Announcement](#)



Expedited Research Innovation System: ERIS

DARPA is initiating a long-term, open call for novel technology solutions to support the agency in advancing research, development, prototyping, experimentation, and adoption of disruptive, DARPA-relevant research and technology solutions. BTO is accepting submissions under the following topic areas:

Topic Area 4

Supports technologies for defense of humans and elements of the bioeconomy.

Topic Area 5

Supports technologies for human health and performance optimization.

ERIS is DARPA's digital environment for post-competition, readily awardable technology solutions delivered via 7-minute pitch videos. It offers a new mode of procurement – with low barriers to entry, increased speed-to-contract and streamlined submission requirements & process, through modern medium & processes.

Submissions are accepted on a rolling basis. ERIS is open to all U.S.-based innovators—startups, researchers, universities, nonprofits, large businesses, and individuals. If you have a solution, this is your moment!

Notice ID: DARPA-PS-25-05

Contact: ERIS@darpa.mil

Deadline: Oct. 31, 2031

Join the DARPAConnect Community for tips, tricks, & lessons on applying to solicitations!



BTO Office-Wide Solicitation

BTO is soliciting proposals that leverage biological properties and processes to revolutionize our ability to protect the nation's warfighters. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice.

Submissions are accepted on a rolling basis.

Notice ID: HR001126S0003

Contact: BTOBAA2026@darpa.mil

Deadline: Sep. 30, 2026

PM Spotlight

"DARPA delivers on its mission of creating and preventing technological surprise by continuing to reinvent itself and its processes to empower the PMs to change the world; it is one of the most collaborative spaces I have had the opportunity to work in. "

—Dr. William Mounfield, BTO Program Manager

More About Being a DARPA Program Manager:

[So, You Want to Become a DARPA PM?](#) — [Check this out!](#)

Contact: BTO_Recruiting@darpa.mil

Learn How to Apply



BTO Special Features

Read: [DARPA seeks to create synthetic blood to save troops on the battlefield](#)

"All in all, DARPA's RAPIID program is an audacious effort and there is no guarantee of its success. But the program is well worth it to save American lives on the battlefield and beyond."

Learn more about the [RAPIID program](#)



Read: [Rice computer scientists race ahead in pathogen-detection DARPA challenge](#)

Learn more about the [Bio-Attribution Challenge](#)

Read: [DARPA aiding America's fight against flesh-eating screwworm invasion](#)

"The defense innovation hub is pursuing safe and fast deployment methods to eliminate the risk of invasive species impacting the nation."

Learn more about the [Guardian program](#)