

BTO UPDATES!

SEPTEMBER 2025

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:

Below you will find highlights of our current postings on SAM.gov. Please follow all direction on SAM.gov to submit information.

BTO Innovation Opportunity Fair (BIO Fair)

Save the date for BTO Innovation Opportunity Fair (BIO Fair) on **Wednesday, November 12, 2025** in Arlington, VA! This event will familiarize participants with BTO's mission and interest areas, facilitate discussions with potential proposers, and foster a new performer network.

Stay tuned for registration information and visit the [BTO Opportunities](#) page for updates to come!

[Join the DARPAConnect Community](#) for tips, tricks, & lessons on applying to solicitations!

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.

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: Jun. 29, 2026

[Read Solicitation](#)

[Learn More](#)

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

Save the Date! Proposers Day: [Smart-RBC](#)

We are excited to announce that BTO will host the Smart-RBC: Smart Red Blood Cells virtual Proposers Day on **Monday, October 20, 2025!**

This program aims to revolutionize how we support warfighter performance in extreme and dangerous environments. Recognizing the limitations of current solutions and the time required for natural acclimation, Smart-RBC is exploring innovative ways to enhance physiological resilience.

Notice ID: DARPA-SN-25-108

Contact: smart-rbc@darpa.mil

Registration Deadline: Oct. 14, 2025 *or until capacity (350 registrants)*

Program Solicitation: [MASH](#)

The Medics Autonomously Stopping Hemorrhage (MASH) program aims to develop robotic systems to autonomously find and stop life-threatening bleeding inside the body, giving injured warfighters a much better chance of survival in combat situations.

Notice ID: DARPA-PS-25-34

Contact: MASH@darpa.mil

Deadline: Nov. 25, 2025

Program Solicitation: [NODES](#)

The Network of Optimal Dynamic Energy Signatures (NODES) program aims to develop a groundbreaking deep learning tool, informed by the principles of biophysics, that can analyze vast numbers of protein sequences and predict their biological functions by identifying telltale patterns of protein movement.

Notice ID: DARPA-PS-25-30

Contact: NODES@darpa.mil

Deadline: Oct. 7, 2025

SBIR: Unbiased Behavioral Discovery Platforms

This SBIR seeks to develop unguided behavioral discovery technologies to accelerate detection and medical countermeasure development against current and future threats.

Notice ID: HR0011SB20254-15

Contact: SBIR_BAA@darpa.mil

Deadline: Oct. 22, 2025

PM Spotlight

"The energy, speed, support from leadership and the entire agency, access, and the way PMs are empowered to do what they should be doing — it's all remarkable. I've often heard people say the saddest moment at DARPA is when it's time to leave, and I can already see why."

—*Dr. Roozbeh Jafari, BTO Program Manager*

More About Being a DARPA Program Manager

So, You Want to Become a DARPA PM?

The "Heilmeier Catechism" – Questions that help DARPA Agency Officials think through and evaluate proposed research programs.

Contact: BTO_Recruiting@darpa.mil

Learn How to Apply