

BTO UPDATES!

JULY 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.

Special Topic Announcement: [Ag x BTO](#)

Ag x BTO's objective is to spark innovation to defend agriculture against threats both naturally occurring and manmade, promoting national security interests. This Special Topic Area (STA) is a supplementary, limited period announcement to solicit, collect, and assess disruptive solutions, and make those solutions available through rapid acquisition pathways. DARPA may select teams to attend a workshop and follow-on Pitch Day hosted in the DC area, based on the submissions from this Special Topic Area.

Submissions will only be accepted via the [ERIS Marketplace](#).

Notice ID: DARPA-PS-25-02-BTO-01

Deadline: August 31, 2025

Ag x BTO is coming to Iowa State University – August 12
Don't miss out! [Registration](#) closes TOMORROW – August 5



Program Solicitation Announcement: **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

Deadline: Oct 7, 2025

Contact: NODES@darpa.mil

We held our Proposers Day on August 1, drawing a crowd of over **400 participants!** A big thank-you to everyone who joined us—your energy and ideas helped set the tone for what promises to be a transformative program.

Future Program Announcement: **MASH**

The Medics Autonomously Stopping Hemorrhage (MASH) program will 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.

When released, the solicitation will be made available at <https://sam.gov/>.

Notice ID: DARPA-SN-25-100

Contact: MASH@darpa.mil

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

Broad Agency Announcement: CoasterChase

The CoasterChase program seeks to revolutionize how to manage stress in high-pressure situations. DARPA is soliciting innovative proposals that leverage a novel understanding of the enteric nervous system as well as emerging neuromodulation technologies to selectively target neurons in the small intestine and alter the body's stress response.

Notice ID: HR001125S0014

Deadline: Aug 28, 2025

Contact: CoasterChase@darpa.mil

BTO Office-Wide Solicitation

This announcement seeks revolutionary research ideas for topics not being addressed by ongoing BTO programs or other published solicitations.

Amendment 01:

The purpose of Amendment 01 is to introduce an accelerated award option, define the classified submission process, announce the use of Special Notices (SNs) for targeted studies, and clarify the eligibility of Federally Funded Research and Development Centers (FFRDCs) and University-Affiliated Research Centers (UARCs).

Notice ID: HR001124S0034

Deadline: Sept 10, 2025

Contact: BTOBAA2024@darpa.mil

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& lessons on applying to solicitations!