

WELCOME TO THE BTO OUTREACH NEWSLETTER!

FEB 2025

You can expect to find monthly updates on open solicitations, links to informational sessions hosted by the Biological Technologies Office (BTO), and other relevant connections. We want to create a space to find updated information on BTO while connecting you with the opportunities and 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.

Request for Information: Physics-Based Control Over de novo Synthesis of DNA or RNA

The Biological Technologies Office (BTO) seeks to gain a better understanding of biotechnological advancements and gaps that could contribute to the ability to synthesize de novo DNA and RNA sequences in vivo. DARPA may elect to host a workshop predicated on subject of this RFI in Arlington, VA on May 1st, 2025, and a subset of respondents to this RFI may be invited to attend this workshop.

Notice ID: DARPA-SN-25-46

Deadline: Mar 20, 2025

Contact: DARPA-SN-25-46@darpa.mil

This is an RFI issued solely for information and new program planning purposes; it does not constitute a formal solicitation for proposals.

<https://sam.gov/opp/bd7c123684854471abc45fa68a6237a6/view>



BTO Office-Wide Solicitation

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

<https://sam.gov/opp/5fff3c4c76c341a4a6b1d2010211c793/view>

Notice ID: HR001124S0034

Deadline: Sept 10, 2025

Contact: BTOBAA2024@darpa.mil

Abstracts & proposals are accepted on a rolling basis.

Hybridizing Biology and Robotics through Integration for Deployable Systems (HyBRIDS)

Developing biohybrid robots is currently a painstaking, bespoke process, and the resulting systems are routinely inadequately characterized. Complex, intertwined relationships between component, interface, and system performance are poorly understood, and methodologies to guide informed design of biohybrid systems are lacking.

The HyBRIDS ARC opportunity seeks ideas to address the question: How can synthetic and biological components be integrated to enable biohybrid platforms that outperform traditional robotic systems?

<https://sam.gov/opp/580b34f2b653452badd8ec37590e27ec/view>

- Notice ID: DARPA-EA-25-02-02
- Deadline: April 7, 2025
- Contact: HyBRIDS@darpa.mil
- Abstracts & proposals are accepted on a rolling basis.

SynBio BTO Program Manager Opportunity

<https://www.linkedin.com/jobs/view/4151627845>

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

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