
Funding Opportunities

January 23, 2023

*The opportunities listed here may be limited submissions. Please contact the **Research Office** to determine if there is an active or upcoming internal process for any opportunity of interest.*

National Science Foundation, Department of Energy, Agile BioFoundry
Accelerating Innovations in Biomanufacturing Approaches through NSF-DOE/ABF Collaboration
Feasibility Review Request: February 15, 2023 | Full: April 18, 2023

Summary: The U.S. Department of Energy (DOE) Bioenergy Technologies Office (BETO) and the National Science Foundation (NSF) announced a collaborative funding opportunity, “Accelerating Innovations in Biomanufacturing Approaches through Collaboration Between NSF and the DOE BETO-funded Agile BioFoundry (NSF-DOE/ABF Collaboration).”

To help advance the U.S. production of bioproducts, this funding opportunity will provide support for synthetic and engineering biology research projects that further Agile BioFoundry’s (ABF’s) mission of collaborating with industry and academia to create a strong bioeconomy and reduce America’s dependence on fossil fuels.

Areas of particular interest include:

- Expansion of the range of host organisms amenable to the tools of synthetic and engineering biology,
- Development of novel biotechnology approaches to mitigate climate change,
- Projects that advance a circular bioeconomy, and
- Development of affordable, bio-based, sustainable aviation fuel or other products of interest to NSF and BETO that can demonstrate significant climate change mitigation and/or greenhouse gas reductions over a petroleum baseline.

Estimated Funding/Number of Awards: 4-8 awards are estimated. Anticipated funding is \$4,000,000 to \$5,000,000 subject to the availability of funds.

Informational Webinar: Wednesday January 25, 2023 | 2:00 pm EST

The webinar will be co-hosted by the NSF, BETO, and ABF, and will review the objectives of this funding opportunity, discuss key considerations as spelled out in the solicitation, lay out steps for application submission, and establish deadlines. [Register](#).

Additional Information: [NSF 22-549](#)