**NSF-BSF Chemical Engineering**

* [Catalysis](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505323&org=C%20BET&from=home):

• [Process Separations](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505458&org=C%20BET&from=home):

• [Energy for Sustainability](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505339&org=C%20BET&from=home):

• [Process Systems, Reaction Engineering and Molecular Thermodynamics](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505324&org=C%20BET&from=home)

• [Cellular and Biochemical Engineering](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505334&org=C)

Deadline at NSF: October 20 2017

**NSF – BSF Physics** - [Basic Plasma Sciences and Engineering](https://www.nsf.gov/pubs/2016/nsf16564/nsf16564.htm#toc)

Deadline at NSF: October 20 2017

**NSF- BSF – Physics**

[Physics of Living Systems](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505425)

Atomic Molecular and Optical Physics [– Experiment](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505435&org=PHY&from=home) and [Theory](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505429&org=PHY&from=home)

[Elementary Particle Physics – Experiment](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503535)

[Gravitational Physics – Experiment and Theory](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505434)

[Integrative Activities in Physics](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505440); and [Particle Astrophysics – Experiment](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505442)

[Nuclear Physics – Experiment and Theory](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505448)

Deadline at NSF: October 25

(The above links lead to the Program Descriptions. [The Physic s call is here](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5624)

**NSF – BSF Materials**

[Biomaterials](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505461&org=DMR&from=home)

[Condensed Matter Physics](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505464&org=DMR&from=home)

[Electronic and Photonic Materials](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505469&org=DMR&from=home)

[Metals and Metallic Nanostructures](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505465&org=DMR&from=home)

[Polymers](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505462&org=DMR&from=home)

[Solid State and Materials Chemistry](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505466&org=DMR&from=home)

Deadline at NSF: November 1, 2017

**BSF-NSF Physics**

[Elementary Particle Physics – Theory](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505438)

[Particle Astrophysics and Cosmology – Theory](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505444)

[Computational Physics](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505432)

[Quantum Information Science](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505446)

NSF Deadline: November 10, 2017

(The above links lead to the Program Descriptions. [The Physics call is here](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5624)

**NSF-BSF** [**Ecology and Evolution of Infectious Diseases**](https://www.nsf.gov/pubs/2016/nsf16592/nsf16592.htm)

Deadline at NSF: November 15, 2017

**NSF-BSF** [**Computer and Network Systems**](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12765) (CNS)

CNS supports two core programs:

-Computer Systems Research

-Networking Technology and Systems

NSF deadline is November 15, 2017

**NSF-BSF** [**Computing and Communication Foundations**](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503220) **(CCF)**

Covers the following areas:

-Algorithmic Foundations

-Communications and Information Foundations

-Software and Hardware Foundations

[CCF website](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503220)

NSF deadline: November 15, 2017

**NSF-BSF** [**Information and Intelligent Systems**](https://www.nsf.gov/cise/iis/about.jsp) (IIS)

Covers the following areas:

-Cyber-Human Systems

-Information Integration and Informatics

-Robust Intelligence

NSF deadline: November 16, 2017.

**NSF-BSF** [**Secure and Trustworthy Cyberspace**](https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf17576)

NSF deadline: November 16, 2017

(The BSF calls this program Cyber Security and Privacy)

**BSF-NSF** [Collaborative Research in Computational Neuroscience (CRCNS)](https://www.nsf.gov/pubs/2016/nsf16607/nsf16607.htm#toc)

Neither the NSF nor BSF has officially published the 2017 call but it is anticipated.

The above link is to the NSF 2016 call and the deadline was in December.

**BSF – BSF** [**Integrative Organismal System Division**](https://www.nsf.gov/bio/ios/about.jsp)

* [Behavioral Systems Cluster](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504676&org=IOS&from=home)
* [Developmental System Cluster](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504677&org=IOS&from=home)
* [Physiological and Structural Systems Cluster](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504679&org=IOS&from=home)
* [Neural Systems Cluster](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504678&org=IOS&from=home)

**Preliminary Proposal Deadline at NSF:** January 19, 2018

**NSF– BSF Environmental Biology**

* [Ecosystem Science Cluster](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503663&org=DEB&from=home):
* Evolutionary Processes
* [Population and Community Ecology Cluster](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503665&org=DEB&from=home)
* [Systematics and Biodiversity Science Cluster](https://nsf.gov/funding/pgm_summ.jsp?pims_id=503666&org=DEB&from=home)

**Preliminary Proposal Deadline at NSF: January 23, 2018**

**NSF-BSF Physics** [**Accelerator Science**](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505427)

NSF Deadline is February 7, 2018

(The above link lead to the Program Description. [The Physic s call is here](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5624)

**BSF – NSF Materials**

[Ceramics program](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505354&org=DMR&from=home) and the [Condensed Matter and Materials Theory](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505357&org=DMR&from=home)

No fixed deadline. Must be coordinated with Galia Chelets/BSF in advance.

General Notes

1. A party can have an active “regular” BSF and submit to one (and only one) of these programs.
2. Parties with an NSF-BSF proposal that is still under review cannot submit.
3. In programs where there are “Small, Medium and Large” grant tracks, Israelis can only participate in the “Small Grant” track (up to $500,000 in total budget **for the US team**) with duration of up to three years. This in addition to the grant to the Israeli from the BSF ($40K per year for theoretical research, $70K per year for experimental research).
4. Evaluation of proposals is the sole responsibility of the NSF.
5. The heart of the material uploaded to the BSF site is a pdf of the submission made to the NSF (but a number of additional “on-line screens” also need to be completed).
6. [Galia Cheletz](mailto:chelets@bgu.ac.il), Tel: 64 72436, is most knowledgeable about the submission procedures vis-à-vis the BSF.