

NSF funding opportunities

25.11.2021

Hanna Honkanen, Research Funding Specialist, hanna.honkanen@utu.fi

University of Turku

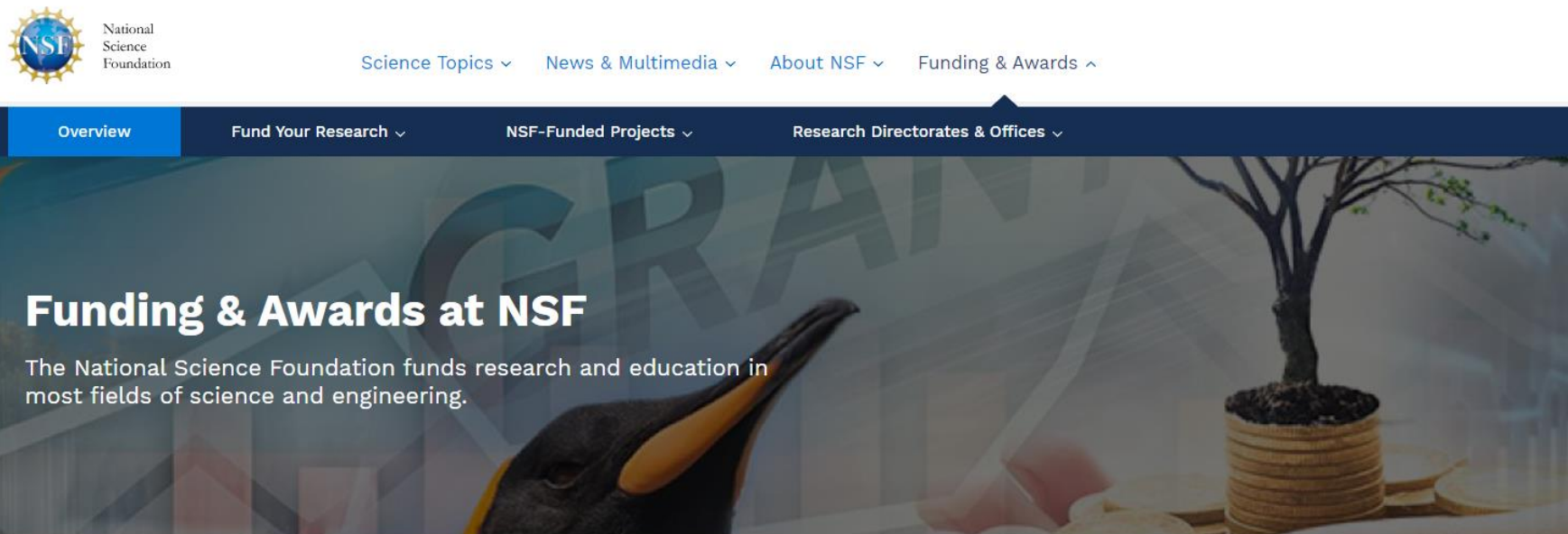
Finn-ARMA, Chair of the USA Research Funding - group



UNIVERSITY
OF TURKU

NSF (National Science Foundation)

- The National Science Foundation (NSF) is an independent federal agency created by US Congress in 1950
- NSF is a funding source for approximately 27 percent of the total federal budget for basic research conducted at U.S. colleges and universities.
- In many fields such as mathematics, computer science and the social sciences, NSF is the major source of federal support



<https://beta.nsf.gov/funding>



NSF

- Mission to support science and engineering research and education:
 - Biological Sciences
 - Computer and Information Science and Engineering
 - Education and Human Resources
 - Engineering
 - Environmental Research and Education
 - Geosciences
 - Integrative Activities
 - International Science and Engineering
 - Mathematical and Physical Sciences
 - Social, Behavioral and Economic Sciences
- NSF receives >40,000 proposals each year for research, education, and training projects, of which ~12,000 are funded

Funding Search

All Fields

629 results

[Export Results .csv](#)

This Funding Search contains only current opportunities. [Archived funding opportunities](#) are hosted at the legacy NSF website.

Please let us know what you think of the new search by completing an anonymous [three-question survey](#), or by emailing us at beta-nsf-feedback@nsf.gov

Filter:

Limited Submissions	Award Type	Advancing Diversity
Directorate	Division	Education Level

Show only NSF-wide/cross-directorate opportunities (74)

Sort:



Some organizations who registered in sam.gov after 10/21/21 cannot currently register in Research.gov. NSF is working on a fix. Contact [NSF \[nsf.gov@nsf.gov\]\(mailto:nsf.gov@nsf.gov\)](mailto:nsf.gov@nsf.gov) with your DUNS ID for help.

Now Available: New Research.gov Proposal Submission System proposal and submission types, NSF-PAR new product, and NSF.gov Award Search new predefined search. Click [here](#) for details.

ATTENTION GRFP applicants: For information on the process for withdrawing a GRFP application, please consult the GRFP Program Solicitation at https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf21602

[Hide all notifications](#) (Viewing 3 of 3 notifications)

Prepare and submit proposals in Research.gov!

NEW Proposal Types Supported: <ul style="list-style-type: none">CenterResearch Infrastructure	NEW Submission Types Supported: <ul style="list-style-type: none">Preliminary ProposalFull Proposal related to a Preliminary Proposal	NEW Proposal Feature Supported: <ul style="list-style-type: none">Project Descriptions Exceeding 15 Pages
---	---	--

<h3>Prepare & Submit Proposals</h3> <p>Prepare, submit and check status of proposals</p> <ul style="list-style-type: none">Letters of Intent and ProposalsDemo Site: Prepare ProposalsCheck Proposal Status <p>FASTLANE PROPOSAL FUNCTIONS</p> <ul style="list-style-type: none">Additional proposal functions	<h3>Proposal/ Panel Review</h3> <p>Review proposals, participate in panels</p> <p>FASTLANE PROPOSAL REVIEW</p> <ul style="list-style-type: none">Proposal Review <p>FASTLANE PANEL REVIEW</p> <ul style="list-style-type: none">Panelist Functions	<h3>Awards & Reporting</h3> <p>Submit project reports, notifications & requests</p> <ul style="list-style-type: none">Project ReportsDeposit Public Access PublicationExample Project Reports (Demo Site)Notifications & Requests <p>FASTLANE AWARD FUNCTIONS</p> <ul style="list-style-type: none">Additional award functions	<h3>Fellowships & Honorary Awards</h3> <p>Nominate colleagues, apply for awards</p> <ul style="list-style-type: none">Graduate Research Fellowship Program (GRFP)Postdoctoral Fellowships and Other ProgramsHonorary Awards
---	--	--	---

NSF funding 1/2

- NSF rarely provides direct funding support to foreign organizations
- NSF will consider proposals for ***cooperative projects involving U.S. and foreign organizations***, provided ***support is requested only for the U.S. portion*** of the collaborative effort

NSF funding 2/2

- In cases where the proposer considers the foreign organization or foreign individual's involvement to be essential to the project and proposes to provide funding through the **NSF budget (through a subaward or consultant arrangement)**
 - The proposer must explain why support from the foreign counterpart's local sources is not feasible and why the foreign organization or foreign individual **can carry out the activity more effectively than a U.S. organization or U.S. individual.**
 - In addition, the proposed activity must demonstrate how one or more of the following conditions have been met:
 - The foreign organization or foreign individual contributes **unique expertise, organizational capability, facilities, data resources, and/or access to a geographic location not generally available to U.S. investigators (or which would require significant effort or time to duplicate);**
and/or
 - **The foreign organization or foreign individual offers significant science and engineering education, training, or research opportunities to the U.S.**
- NSF grantees will use foreign subrecipients' applicable U.S. Federally negotiated **indirect cost rate(s)**. However, if no such rate exists, the NSF grantee will fund the foreign subrecipient using the de minimis indirect cost rate recovery of **10% of modified total direct costs**
- **If you are thinking about applying from NSF, contact the Research Services of your organization, they can help you find the correct call, interpret the funding terms and conditions, help with the administrative aspects of the application etc.**

Academy of Finland (AoF) and NSF cooperation 1/3

- The Academy of Finland and the American funders have agreed to promote Finnish-American research collaboration in 2020–2024
 - The overall goal of the partnership between the Academy of Finland and the NSF is to enable and facilitate research collaboration between US and Finnish researchers
 - This collaboration expects to generate valuable discoveries and innovations that may lead to enhancements in multiple areas of science and technology
- The cooperation with the NSF is managed under the ICT 2023 programme of Academy of Finland
 - First call was in spring 2021 (Collaborative research proposals were accepted to the Small project class of the CISE Core Programs)
- ***Next call will open 2nd of January and closes 31st of March 2022 in the NSF funding opportunity ‘CISE Core Small competition’***
 - Proposers from ***US and Finland*** will collaborate to write ***a single proposal***
 - The aim of this joint call is to support research collaboration in the fields of ***artificial intelligence (AI) and/or wireless communication technologies***
 - The Academy is prepared to fund the Finnish components of the collaborative AoF-NSF projects with ***a maximum of 2 million euros in total in 2022***



Academy of Finland (AoF) and NSF cooperation 2/3

- 'Intention to submit' should be sent to AoF ***four weeks before the proposal is planned to be submitted to the NSF and no later than 3 March 2022***
- Academy will assess the Eligibility and issues ***Confirmation of Eligibility for Funding letter*** to the applicant
- ***US partner will submit the proposal to NSF***
- the maximum funding ***for a three-year project is 500,000 euros for Finnish partner***
- In order to be considered for funding by the Academy, the final proposal needs to be submitted to the NSF between 2 January and 31 March 2022
- ***Academy funding will be granted only for proposals that receive a 'Confirmation of Eligibility for Funding' letter from the Academy, are selected for funding in the NSF call, and are selected for funding by the Academy***
 - If the NSF does not select a AoF-NSF project for funding, the Academy will not fund the Finnish subproject alone
 - If the overall funding applied by the PIs from Finland in the projects recommended for funding by the NSF exceeds the available funding by the Academy of Finland, the Academy will select the projects it will provide funding for



Academy of Finland (AoF) and NSF cooperation 3/3

- Applicants are recommended to ***contact the Academy early*** on to check national eligibility requirements
- The funding from the Academy can be ***applied for by individual research teams or consortia composed of two or more research teams from Finnish research organisations***. The consortium parties may represent one or several research organisations.
- In addition to a ***doctoral degree, the PI of the proposed project must also have other significant scientific merits***. Usually, the ***PI is a researcher at the professor or docent (adjunct professor) level***

Contact Research services

- If you wish to apply from NSF, contact ***the research services at your organisation***, they will help you in the process
- You can also contact Academy of Finland for more information about the NSF-AoF cooperation
 - ***Jukka Tanskanen*** (jukka.tanskanen@aka.fi), Senior Science Adviser
 - ***Oskari Miettinen*** (oskari.miettinen@aka.fi), Science Adviser

Useful links

- Search for NSF funding
 - <https://beta.nsf.gov/funding>
- Terms and conditions of the NSF funding
 - [Proposal & Award Policies & Procedures Guide \(PAPPG\)
https://www.nsf.gov/pubs/policydocs/pappg22_1/nsf22_1.pdf](https://www.nsf.gov/pubs/policydocs/pappg22_1/nsf22_1.pdf)
- NSF Guidelines for NSF-AoF cooperation
 - https://www.nsf.gov/pubs/2021/nsf21035/nsf21035.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click
- ICT2023
 - <https://www.aka.fi/en/research-funding/programmes-and-other-funding-schemes/ict-2023/>
- Spring 2022 Academy of Finland-NSF call
 - <https://www.aka.fi/en/research-funding/apply-for-funding/calls-for-applications/international-calls/academy-of-finlandnsf-joint-call-artificial-intelligence-and-or-wireless-communication-technologies//>
- NSF CISE Core Programs
 - <https://beta.nsf.gov/funding/opportunities/computer-and-information-science-and-engineering-core-programs>



**UNIVERSITY
OF TURKU**

Thank you!