

Webinar on Funding Opportunities with NSF and NIH

28 April 2022 at 4 pm



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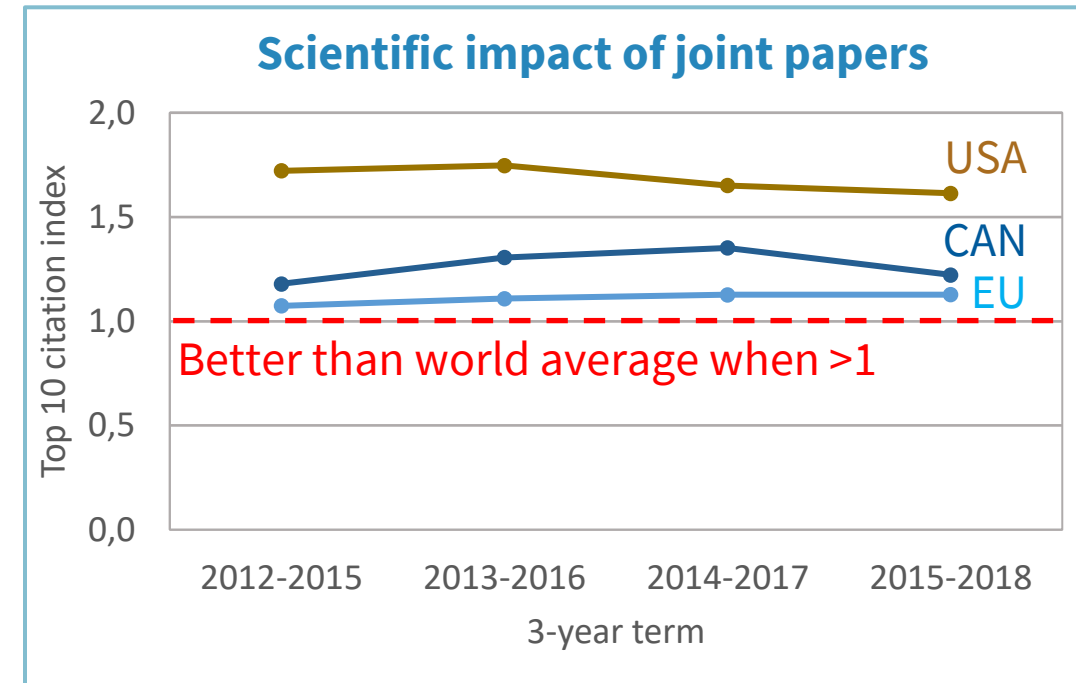
- Main public research funding agency in Finland, 'NSF of Finland'
- Under the ministry of science, education and culture
- Main activities:
 - Fund research projects
 - Support framework conditions for research activities
 - Provide expertise on science policy

Staff ~140
people

Yearly
funding
Budget
€400-500 M

International collaboration

- Important tool for supporting and reinforcing the quality, impact and renewal of research
- Funding instruments are designed so as to support international collaboration
- Participation in selected joint activities
 - European cooperation, *multilateral*
 - Cooperation with the Nordic countries, *multi- and bilateral*
 - **Global partnerships, bilateral**



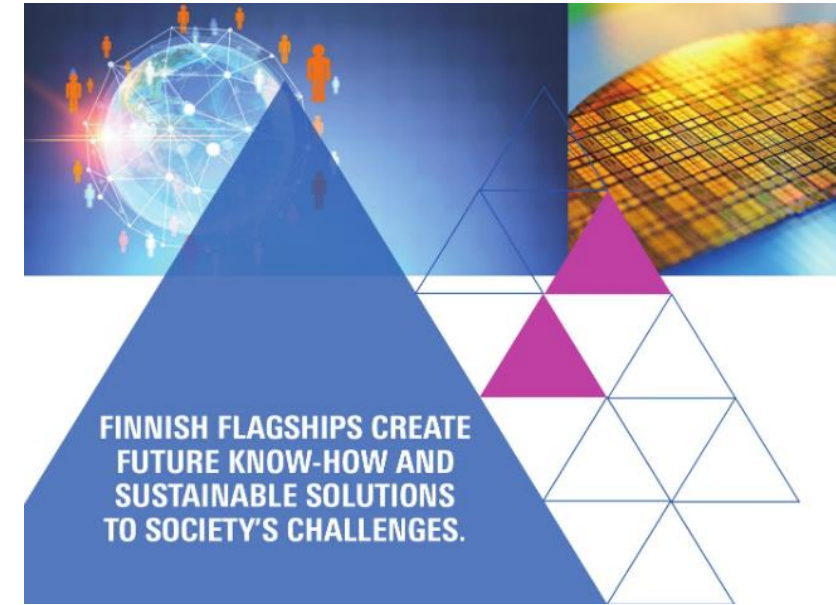
Collaboration with the U.S.

- Aim to increase research collaboration between Finland and the U.S.
- Promoting research cooperation with the U.S. for years (primarily with NSF)
- Cooperation agreements with both the NSF and NIH were signed in 2020
- Joint calls with the NSF and the NIH following a **Lead Agency** model where the funding application is submitted to the U.S. funder's call



Collaboration with the U.S.

- Support to research projects in areas represented by the [Finnish Research Flagships](#)
 - *Artificial Intelligence (AI)*
 - *Wireless Communication Technologies*
 - *Digital Precision Cancer Medicine*
 - *Inequalities, Interventions and New Welfare State*
 - *Materials Bioeconomy*
 - *Photonics*
 - *Forest-Human-Machine Interplay*
 - *Atmosphere and Climate*
 - *Gene, Cell and Nano Therapy*
 - *Immune System*



Research topic needs to link to the areas, affiliation not necessary

Lead Agency model in a nutshell

- Jointly developed proposal is submitted to the U.S. funder by the U.S. PI, and is processed there
- Academy's guidelines for being eligible to receive funding need to be followed by the PI from Finland
- No special treatment for Fin-US proposals, competing head-to-head with all other proposals submitted to the opportunity
- If a proposal is recommended for funding by the U.S. funder, the Academy aims to support the Finnish sub-project

1. Joint activities:
Develop research plan

2. PI from Finland:
Notifies the Academy of their intent to submit

3. PI from the U.S.:
Submits the proposal to the U.S. funder

Fin-U.S. funding opportunities



2020

NSF-AoF pilot call

AKA-NIH pilot call

2021

AKA-NIH call #2

NSF-AoF call #2

AKA-NIH call #3

2022

Funded projects: <https://www.aka.fi/en/about-us/whats-new/press-releases/2021/academy-of-finland-funds-research-collaboration-between-finland-and-usa/>

Funding Opportunities with NIH



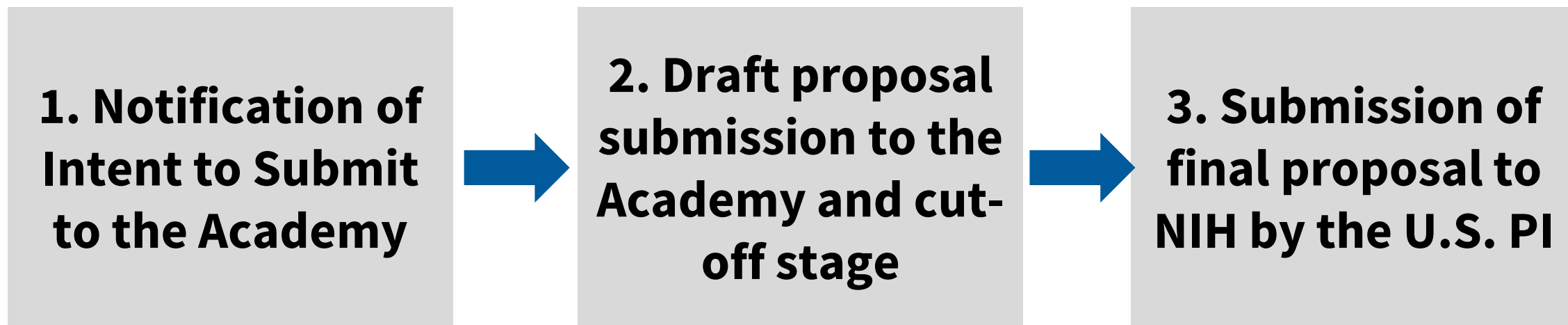
Target

- Funding for collaborative research activities falling within the missions of participating [NIH Institutes and Centers](#) and the thematic areas of [Finnish Research Flagships](#).
 - *Artificial Intelligence (AI)*
 - *Digital Precision Cancer Medicine*
 - *Gene, Cell and Nano Therapy*
 - *Immune System*
 - *Inequalities, Interventions and New Welfare State*
 - *Photonics*
 - *Atmosphere and Climate*
 - *Materials Bioeconomy*
 - *Wireless Communication Technologies*
 - *Forest-Human-Machine Interplay*

Research topic needs to link to the areas, affiliation not necessary

Application procedure for PIs from Finland

- Non-standard procedure
- Details in the call text, most recent one on our website: *Research funding > Calls for applications > Closed calls > [Academy of Finland – NIH joint call: thematic areas of the Finnish Research Flagships](#)*



Guidelines for U.S. PIs

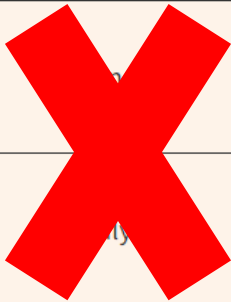
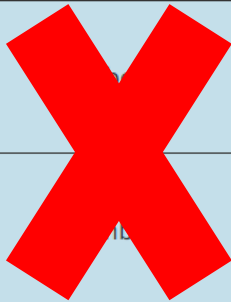
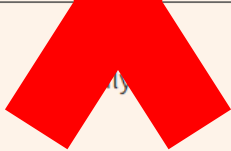
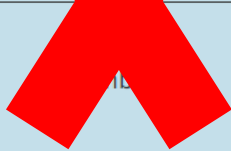
- Finnish collaborations with U.S. institutions for the NIH **Research Project Grant Program (R01)** are supported
- No specific call for proposals will be issued from NIH since NIH grant programmes are focused on scientific investigations by the best teams or researchers, many of which include international partnerships
- More info in Notice of Special Interest (NOSI): AKA-NIH Partnership Program <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-021.html>

Activity Codes	Program Description	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
R01 <i>new</i>	Research Grants	February 5	June 5	October 5
R01 <i>renewal, resubmission, revision</i>	Research Grants	March 5	July 5	November 5

<https://grants.nih.gov/grants/how-to-apply-application-guide/due-dates-and-submission-policies/due-dates.htm>

Upcoming AKA-NIH opportunity

- Being planned for early 2023 / NIH Cycle I 2023

Activity Codes	Program Description	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
R01 <i>new</i>	Research Grants	February 5		
R01 <i>renewal, resubmission, revision</i>	Research Grants	March 5		

- Overall funding available for supporting Finnish sub-projects estimated to be 3 million euros

No active AKA-NIH opportunity

U.S. and Finnish collaborators could consider submitting a standard grant application to an NIH parent R01 funding opportunity announcement (PA20-183, PA20-184, or PA20-185) with a Finnish subcontract ([see NIH website for more details](#)).

Funding Opportunities with NSF





Target

- Proposals are accepted in areas at the intersection of core research programmes in the NSF Directorate for Computer and Information Science and Engineering (CISE) and the Academy's Research Flagships
 - Artificial Intelligence (AI)

AND/OR

- Wireless Communication Technologies

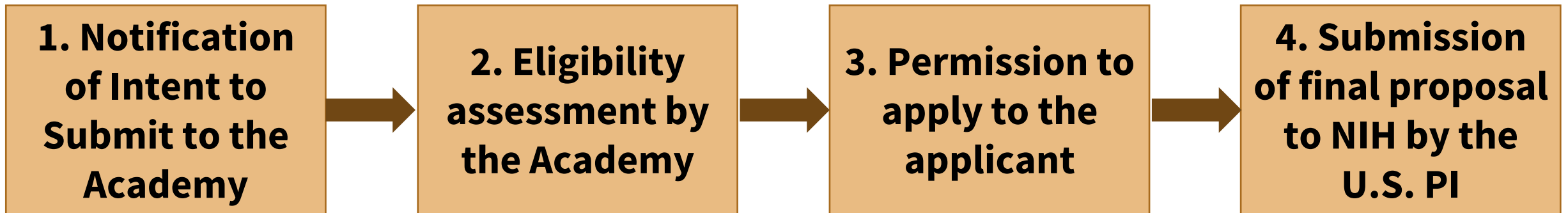
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Application procedure for PIs from Finland



- Non-standard procedure
- Different compared to the AKA-NIH procedure
- Details in the call text, most recent one on our website: *Research funding > Calls for applications > Closed calls > [Academy of Finland–NSF joint call: artificial intelligence and/or wireless communication technologies](#)*



Guidelines for U.S. PIs



- Finnish collaborations with U.S. institutions in the NSF funding opportunity '**CISE Core Small competition**' are supported, no specific call for proposals will be issued
- Continuous call, the Academy invites NSF-AoF proposals at a certain time window
- More info in the Dear Colleague Letter: NSF-AoF Collaborative Research Opportunities
https://www.nsf.gov/pubs/2021/nsf21035/nsf21035.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click



Upcoming NSF-AoF opportunity

- Being planned for late 2022
- 3-month period when NSF-AoF submission are invited for the **CISE Core Small competition**
- No decision yet on how much funding is available for the Finnish sub-projects by the Academy
- In the past minimum of €2 million per opportunity

Fin-U.S. funding opportunities



2020

NSF-AoF pilot call

AKA-NIH pilot call

2021

AKA-NIH call #2

NSF-AoF call #2

AKA-NIH call #3

2022

NSF-AoF call #3

AKA-NIH call #4

2023