

**ACADEMY OF FINLAND**

**SEPTEMBER CALL**  
**1–28 September 2016**

The Academy of Finland funds cutting-edge, responsible and high-impact research, promoting the renewal and regeneration of science. We are Finland's leading expert organisation in science and science policy. Our funding is based on open competition and independent peer review. We are also committed to promoting equality in research and open science. We require that the researchers and sites of research we fund are committed to following the research-ethical guidelines of the Finnish Advisory Board on Research Integrity.

Read more about us on [www.aka.fi/en](http://www.aka.fi/en).



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## AT-A-GLANCE GUIDE TO APPLYING

### When?

The Academy of Finland has two main application rounds each year: September and April.

In September, for example, we invite applications in the following funding opportunities: Academy Project funding, targeted Academy Project funding and funding for research posts (i.e. Academy Research Fellow, Postdoctoral Researcher and clinical researcher).

In April, for example, we invite applications within research programmes and for targeted Academy Project funding.

The deadlines of the following funding opportunities may differ from our main deadlines: research programmes, research infrastructures, two-stage calls and calls linked to international or national research collaboration

Please check the deadline for each call in the call text. We will not process applications that have not arrived by the deadline.

### What?

A list of our funding opportunities is available on our website under [Our funding opportunities](#).

### How?

We post open calls on our website under [Apply now](#). For detailed guidelines on how to apply, visit these sections on our website:

- 1) [call texts for our main calls](#), describing all available funding opportunities
- 2) [guidelines on how to draft and submit applications](#)
- 3) [guidelines on how to draft appendices](#) (structure and length)
- 4) [programme memoranda for our programmes](#)
- 5) [how-to guide to our online services](#).

Also read our [step-by-step guide to applying](#), which is a brief summary of the most important steps you will need to follow to submit your application.

In connection with our main calls, we may also publish a “What’s new” summary describing any new and revised guidelines for that particular call.

We require that you carefully read the call text and the guidelines mentioned above before submitting your application.



## 1 GENERAL GUIDELINES

### 1.1 FOR APPLICANTS

#### Who is eligible to apply?

The applicant for Academy of Finland research funding (i.e. the principal investigator of a research project) must be a researcher at the professor or docent level or with a doctoral degree, unless the call text indicates otherwise. In some of our funding opportunities, the applicant is a university or a research institute.

We allocate funding on the basis of peer review to the best researchers and research teams and to the most promising young researchers to support them in carrying out scientifically ambitious projects. In principle, the projects we fund must benefit Finnish research and society or international collaboration.

In the same application round, we will review only one application per applicant in one of the following funding opportunities:

- Academy Project funding (project PI)
- Academy Project funding (PI of consortium or consortium subproject)
- funding for research post as Postdoctoral Researcher
- funding for research post as Academy Research Fellow
- funding for clinical researchers.

However, if you do submit more than one application for one or several of the above funding opportunities, we will only review the first application to arrive. In the case of targeted Academy Project funding, this limitation will be indicated separately for each call.

Directors, vice directors and team leaders of Academy-funded Centres of Excellence cannot receive Academy Project funding during the first three years of the CoE term.

An application consists of an online application and its appendices (usually a research plan, a curriculum vitae, etc.).

#### What does the funding cover?

What the funding covers depends on the funding opportunity. You can apply for Academy funding to cover, for example, the following direct research costs:

- the research team's work (salaries)
- research costs
- travel
- national and international collaboration and mobility
- preparation of international projects
- publishing (e.g. open-access publishing using the golden route).

The funding can also cover VAT costs, but only on certain conditions; read more on our website under [How to enter value added tax on the application](#).

In calls implemented under the full cost model, Academy funding can be used to cover both direct project costs (e.g. direct salaries) and indirect costs (e.g. rents for



premises). Both types of costs are covered with the same percentage. Read more on our website under [Full cost model](#).

We require that the site of research (e.g. university) provides the research project with all **necessary basic facilities**. These are determined based on the nature of the research and are the same as those available to other research staff at the site: office and laboratory premises, equipment (incl. computer equipment), and telecommunications, telephone, mailing, copying and library services, etc.

In the application, give a **cost estimate** including an estimate of the annual amount of funding needed, itemised by type of expenditure. Also include a **funding plan**, that is, all funding granted for the project and funding that will be provided by the site of research if the project is launched. The cost estimate must be realistic and **justified by type of expenditure in the research plan**.

### Publicity and ethics of research results

Results produced with funding from the Academy of Finland must be made public.

The research must be conducted following the principles of good scientific practice. The Academy is committed to following the guidelines of the Finnish Advisory Board on Research Integrity and requires that Academy-funded researchers and sites of research respect the guidelines. Read more on pages 8-9 (research plan guidelines) and page 12 (commitment by site of research) of the September 2016 call text.

### The Academy supports international researcher mobility

The Academy of Finland funds international researcher mobility:

- in research projects (e.g. Academy Projects, projects in research programmes, targeted projects, research costs in connection with research posts)
  - **as a mobility allowance** for mobility from Finland as part of a project's research costs:
    - researchers with dependants €1,500/month
    - researchers without dependants €1,050/month
  - **as grants** to non-EU researchers coming to Finland to work for periods shorter than a year.
- with our funding opportunity *International researcher mobility based on bilateral agreements* as research grants or personal grants.

**Read more** in Appendices 3 A–C of the September 2016 call text and on our website under [Calculation of support to international researcher mobility](#).

In addition to this special funding, international researchers can also be hired to work on Academy-funded research projects.

### Salary costs of principal investigator (under certain limitations)

Academy funding for research projects (Academy Projects, targeted projects and Academy Programme projects) is primarily intended **for the salaries of full-time researchers working on the projects and for other research costs**. The salary costs of the PI may, under certain limitations, be incorporated into the total project costs (see below).



### 1. Including PI's salary (for project management) in total project costs

The salary costs of the PI may be incorporated into the total project costs in accordance with what is stated in the research plan. **The PI's tasks must be clearly described** in the research plan (under *Implementation*). In the application, indicate the salary under *Project funding, Salaries*.

The salary costs must not be significant in relation to the project's total costs. For example, a four-year research project must not include more than six months of the PI's effective working hours. This is equivalent to approximately 1.5 months a year.

### 2. Applying for funding for PI's salary (for research)

The Academy can grant a maximum of twelve months of funding towards the salary of a PI for conducting research.

The funding is intended to support project implementation and is granted **only for well-substantiated research-related reasons**. (e.g. work abroad, return to Finland or transfer to another research organisation in Finland).

**The well-substantiated reasons and the PI's tasks** must be clearly presented in the research plan (under *Implementation*). In the application, indicate the salary under *Project funding, Salaries*.

### 3. Granting salary funding to PI with no employment relationship

If the PI does not have an employment relationship with, for example, a university or research institute, they must give an account of how their salary will be covered during the funding period. These details must be accounted for at the application stage.

Retired researchers can be granted funding on the same grounds as other researchers.

## Individual project or consortium?

**In calls that concern personal funding** (e.g. funding for research post as Academy Research Fellow, Academy Professor or Postdoctoral Researcher, or funding for clinical researchers), researchers apply for funding independently **for themselves** and with their own research plan. In these cases, we treat each application as a separate application.

In calls that concern Academy Project funding, Academy Programme funding and targeted funding, principal investigators apply for funding **for their research teams**.

In calls intended for research teams, funding may also be applied for by a **consortium composed of several research projects**. By working as a consortium, the goal is to achieve greater scientific added value than can be achieved by the individual projects alone. The added value must be described in the research plan. The consortium subprojects may work at different universities or at different departments of the same university, for instance. The cost estimates and funding plans presented in the consortium application must be realistic and they must be drafted taking into account the total funding available in the call concerned.



From the perspective of the Academy's application process, a consortium is, in a sense, **a joint application** where each party to the consortium applies for funding from the Academy. In Academy calls, collaborators who have an important role in the implementation of the research plan but who will not apply for funding as consortium subprojects are not regarded as consortium parties. Under *Partners* in the application, describe how other Finnish or foreign researchers working with their own funding will contribute to the project.

The Academy treats the consortium PI's and the subprojects' joint consortium application as one application and makes one decision on it. The funding, however, is granted to each subproject separately.

Appendix 6 of the September 2016 call text shows an illustration of the technical process of drafting a consortium application. The joint consortium application is submitted by the consortium PI. The PI can submit the consortium application only after all subprojects have completed their applications (i.e. tagged them as 'complete'). This procedure applies to consortium applications both for letters of intent (first call stage) and for full applications. The PI must submit the consortium application by the set deadline. Consortium compositions cannot be changed after the deadline has expired.

Consortium PIs should check the status of the application in the Academy's online services to make sure that the subprojects complete their applications in good time.

Read more under [Guidelines for consortium application](#) on our website. The consortium guidelines for the September 2016 call will be updated before the call opens.

### When is an application reviewed, and when is it not?

Our funding is based on a scientific review of research plans and applicants. We mainly use foreign experts as reviewers. You have the right to submit your application in Finnish or Swedish, **but we ask you to submit it in English in order to:**

- facilitate international peer review
- ensure an equal preparation of funding decisions
- ensure a smooth processing of applications.

To ensure a successful review, it is important that – in addition to the correct **research council** and **research fields** – you also enter **keywords describing your research, research methods and data**. For more information, see [Research fields](#) and [Research field classification](#) on our website.

Our review process is presented on our website under [How applications are reviewed](#) and [Guides for reviewers](#). The criteria applied in the review are presented under [Review criteria](#). Please read these criteria and guidelines as well as any additional guidelines on [the research councils' pages](#).

The review guidelines for the September 2016 call will be updated before the call opens.

For justified reasons, we may decide not to review an application. The reasons that are considered in these cases are presented on our website under [Review criteria](#).



## **Guidelines on required appendices**

You can make your application easier to review by drafting the appendices according to the guidelines we have provided.

For guidelines on how to draft appendices, see [Appendices required](#) on our website (e.g. [Research plan guidelines](#), [Curriculum vitae guidelines](#) and [Guidelines for list of publications](#)). The guidelines for application appendices will be updated before the call opens.

### **CV according to Advisory Board's guidelines**

We ask that applicants draft their CV in accordance with the [guidelines of the Finnish Advisory Board on Research Integrity](#) and the [guidelines of the Academy](#), taking into account the nature of the call, the research career stage and the practices of the scientific discipline. Your CV should be a concise presentation of your most important scientific merits in terms of the call concerned. We recommend that CVs be no more than four pages long.

### **Draft the research plan following our guidelines**

To ensure the uniformity and quality of reviews, applications must be comparable. The applicant's research plan should provide answers to [the questions raised in the review](#). Therefore, research plans should follow the structure provided. *The research plan guidelines for the September 2016 call will be updated before the call opens.*

Read more under [Research plan guidelines](#) on our website. Below you will find a description of some of the parts of the research plan. The guidelines will be updated before the call opens.

### **Follow the Advisory Board's guidelines**

The ethical issues of the research must always be described in the research plan; they are reviewed as part of the scientific review. The **ethical issues and duties** to be considered at the application stage are listed on our website under [Ethical guidelines](#).

We require that all Academy-funded research is conducted following the [guidelines of the Finnish Advisory Board on Research Integrity](#), including the [recommendations on ethical review in human sciences](#).

### **We require open science practices: publication plan and data management plan**

We require that Academy-funded projects

- are committed to open access publishing
- make their research data and methods freely available.

If researchers follow the principles of open science, they must do so with due consideration of research ethics and the judicial environment. Data may for justified reasons come in varying degrees of openness, ranging from fully open to strictly confidential.

Read more in Appendix 4 (Open science) of the September 2016 call text.





The application must include a **publication plan**, which forms part of the research plan. As of the September 2016 call, applications must also include a separate **data management plan**; read more in Appendix 5 of the September 2016 call text.

### **Research plans should describe impact**

As before, the research plan should include descriptions of both the research project's scientific impact and its expected impact beyond academia. The impact description will be an item in the outline of the research plan. Impact beyond academia may come in many different forms depending on the research field and project.

### **Details entered on the application form**

You must describe the mobility, the partners and the use research infrastructures both in the application (in detail) and in the research plan.

### **Mobility plan and partners are entered on the form and in the research plan**

In the application under *Mobility*, describe how the project's researchers will be mobile in Finland and abroad during the funding period. The mobility must support the project.

If applying for funding for a research post as Postdoctoral Researcher or Academy Research Fellow, also account for previous mobility. Previous mobility (particularly in the case of the mobility requirement, see Appendix 7 of the September 2016 call) is described under *Previous mobility* on the application form.

### **Partners for which funding will not be applied are listed on the application form**

Under *Partners* in the application, describe how other Finnish or foreign researchers working with their own funding will contribute to the project.

### **Describe your use of research infrastructures**

Under *Research infrastructures*, describe which international and national infrastructures will be used and how this will be of benefit to the project.

Research infrastructures refer to a reserve of research materials, services, equipment and facilities enabling research and development as well as researcher training and development of research and innovation capacity. Read more about research infrastructures under [Research infrastructures](#) on our website.

## **1.2 FOR SITES OF RESEARCH**

### **Conditions for receiving funding**

The Academy of Finland will fund a research project only if the site of research undertakes to provide the researcher with the necessary basic facilities for research.

The Academy allocates the funding to the researcher's host organisation. Grants for research abroad (mobility grants awarded under the funding scheme International researcher mobility based on bilateral agreements) may also be allocated directly to the researcher. Staff to be hired with Academy research funding must have an



employment relationship with the site of research or the organisation receiving the funding.

Academy funding to organisations outside the central government (e.g. universities) is seen as a discretionary government transfer. If the site of research is a research organisation, the funding is granted following the Finnish Act on Discretionary Government Transfers and the general conditions for funding by the Academy of Finland. Since the funding is allocated not to individual researchers but to their host organisations, the organisation – not the researcher – is regarded as the recipient of the transfer (as per the Finnish Act on Discretionary Government Transfers), and will accordingly be required to assume all related obligations. The host organisation receiving the transfer is permitted to use it solely to fund the research carried out by the PI named in the funding decision.

If the funding recipient is an organisation that engages in economic activity (offering goods and services on an open market), the funding will be granted in accordance with Finnish Act on Discretionary Government Transfers and the EU's state aid rules.

For detailed conditions and guidelines (revised annually) on use of funding and reporting, see [How to use the funding](#) on our website.

### **Co-funding, full costing and additional cost model**

Academy research funding is in essence a form of **co-funding** in which the funds to finance the costs of a project usually come from at least two sources. When Academy funding is applied for, universities, research institutes and other research organisations commit to the co-funding by contributing their percentage of the costs. In calls by the Strategic Research Council, exceptionally, the Academy's funding contribution is 100%.

In your application, you must include a funding plan in accordance with the full cost model, including the amount of funding to be applied for from the Academy. Draft the online application so that the Academy's contribution to funding comes to no more than the percentage indicated in the call text. In calls where cost calculation follows the principles of full costing, the Academy's contribution usually comes to no more than 70% of the total costs

Before submitting your application, you must agree with the administration at your own organisation on the contribution of the site of research to the funding of the project. As the total project costs must not include any costs that do not pass through the books of the site of research, you must check with your own organisation whether the funding planned as the own funding contribution suits this purpose. When calculating the total projects costs at the application and decision-making stage, we will only take into account funding that has been confirmed (e.g. through a decision by the body that has granted the funding).

The maximum funding percentage is applied in calculating **estimated** total costs both at the application and decision-making stage and in calculating **real** total costs during the course of the project (payment procedure). The percentage is applied to all project costs, that is, to both direct and indirect costs, including overheads.

Read more: [Full cost model](#) and [Full cost model: principles and definitions](#).



Full costing was introduced on the proposal by the Finnish Ministry of Finance in 2009. Earlier, the Academy compensated overheads using the additional cost model. That model is still applied to the salary funding in research posts as Academy Research Fellow and Academy Professor. In applications following the additional cost model, the system will calculate (in addition to other costs) 14.29% as overheads costs, in which case the decision includes an overheads percentage of 12.5%.

### Sites of research commit to the funding at the application stage

The Academy will fund a research project only if the application includes a commitment by the site of research. You must agree on this commitment **in advance** with a representative of the site of research. After the call has closed, we will request the commitment by the site of research from the person indicated in the application. Read more on our website under [Commitment by site of research](#).

In calls where full costing is applied, you must – before submitting your application – determine from your own organisation **the funding contribution, the coefficients and the VAT practice of the site of research**, and agree on them with the commitment issuer. The coefficients will be valid during the entire funding period.

If there are no other funding sources, the site of research must cover **at least 30%** of the costs of a project under full costing. If there are other sources, their contributions must also pass through the books of the site of research.

The competent person of the site of research issues the commitment on behalf of the site of research. By issuing the commitment, the site undertakes to, for instance:

- secure the necessary basic facilities for the project, which are the same as those available to other research staff at the site: office and laboratory premises, equipment (incl. computer equipment), and telecommunications, telephone, mailing, copying and library services
- fund the project (in accordance with full costing) with the funding contribution presented in the funding plan.

In the case of applicants for funding for research posts as Academy Professor and Academy Research Fellow, the commitment by the site of research also applies to the use of the researcher's working hours for purposes other than research, and to salaries and other circumstances surrounding the researcher's work.

At the application stage, sites of research must check that the following information is entered correctly:

- the coefficients (overheads, indirect employee costs and effective working hours) of the site of research (regarding projects to which full costing is applied)
- [the VAT practice](#)
- the Business Identity Code.

A prerequisite for Academy funding is that both the applicant and the site of research commit to the guidelines issued by the Finnish Advisory Board on Research Integrity on [responsible conduct of research and procedures for handling allegations of misconduct in Finland](#). The site of research undertakes to submit to the Academy's Registrar's Office the final report of investigations concerning violation of good scientific practice by the PI or a researcher of an Academy-funded project.



If the funding is a discretionary government transfer awarded to organisations outside the central government (e.g. universities), the site of research also undertakes to act as the recipient of the transfer on behalf of the applicant and will accordingly be required to assume all related obligations.

### 1.3 HOW APPLICATIONS ARE SUBMITTED AND BECOME PENDING, PUBLICITY AND PROJECT DESCRIPTION

#### How applications are submitted and become pending: late applications will not be accepted

Applications for the Academy of Finland's September 2016 call can be drafted and submitted in the online services as of Thursday 1 September 2016. The non-negotiable deadline for applications is Wednesday 28 September 2016 at 16.15, unless the call text indicates otherwise. Please note that consortium PIs can submit the consortium application only after all consortium subprojects have completed their applications. International calls may have other deadlines. To ensure smooth drafting and submission, please submit your application as early as possible.

According to section 17 of the Finnish Administrative Procedure Act and section 8 of the Act on Electronic Services and Communication in the Public Sector, the sender is responsible for the application arriving by the set deadline.

An application becomes pending at the Academy when the online application and the obligatory appendices **have been submitted in the online services**. The system will indicate the successful submission by sending an email to the address provided by the applicant.

Please note that you cannot submit a full-costing-based application in which the Academy's contribution to funding is higher than the percentage indicated in the call text. Nor will the system accept applications that lack obligatory details or appendices.

Append only the requested appendices to the application and make sure not to exceed the maximum lengths indicated in the guidelines.

For guidelines on how to submit an application in the Academy's online services, see the [How-to guide](#). If you run into problems in the online services at the time of submission, please contact us before the deadline (the contact persons are named in the call text), either by phone or via [Questions and feedback](#) on our website.

#### Supplementing the application, reporting other funding received

You can make changes (e.g. change appendices) in an application you have submitted to the Academy, but you must make them **before the deadline expires**. To do this, log in to the online services, open the application, make the necessary changes and save the supplemented application by the set deadline.

If you notice that your application lacks important information **after the deadline has expired**, immediately get in touch with the call's contact person, who can open the application for your supplementary additions. The additions will be taken into account insofar as it is possible in view of the review and decision-making process. An important addition is, for instance, an invitation by a foreign university.



Do not submit any new appendices via the so-called additional information feature; such appendices will not be saved as part of the application.

You must immediately notify us if you receive funding from other sources for the same purpose after your application to the Academy has been submitted.

### Publicity of applications

Under the Finnish Act on the Openness of Government Activities, an application and its appendices are public information; research plans, plans of intent, abstracts and progress reports, however, are not. For example, the CV is a public document and as such must not include any confidential information.

### Write a popular description of the project

The popular description of the project is an important part of the application. The description is a way for the Academy and researchers to disseminate information on Academy-funded research to the research community, stakeholders and the public at large. The description should therefore be as readable as possible, written for a nonscientific audience. It must give the reader a brief summary of the key points of the research. Read more under [Public description of project](#) on our website.

If a project is granted funding, we will publish the description of the project on our website. The description is written by the applicant when drafting the application. **We cannot edit project descriptions – it is the applicants themselves who are responsible for the content, clarity and style of the descriptions.** The descriptions will remain accessible on our website for several years.

Finnish- or Swedish-speaking applicants write their descriptions in Finnish or Swedish. All applicants must also write a description in English to facilitate international peer review.

## 1.4 INFORMATION ON DECISIONS

The dates for Academy funding decisions are posted on our website under [Funding decisions](#). You can also [search our decisions](#) for the funded projects, their public descriptions and the call-specific fact sheets.

Applicants will receive an automatic **email message** after the decision has been made. After receiving this message, you can log in to **the online services** with your user ID to view the decision. You can also read the conditions for the decision and read the expert reviews on your application, if such reviews have been drafted.

## 1.5 APPLICANTS AND SITES OF RESEARCH MUST CONFIRM RECEIPT OF FUNDING

After being granted funding, you must check and accept it in the online services without delay. The system will then send a notification to the commitment issuer at the site of research. That person must also accept the granted funding, and notify possible justifications for necessary advance payments based on the funding decision.



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The funds can be paid only after both the applicant and the representative of the site of research have accepted them as received. The system will then notify the funding to the finance administration of the site of research, whereupon the funds will be made available for use.



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## Funding open for application in September 2016

## 2 FUNDING FOR RESEARCH PROJECTS

### 2.1 ACADEMY PROJECT FUNDING, ALL RESEARCH FIELDS

#### Aim

Applicants for Academy Project funding apply for funding to set up a research team.

The Academy Project funding scheme is designed to promote the quality and diversity of research, scientific and extra-scientific impact as well as science self-renewal. The aim is to attain internationally as high a scientific standard of work as possible and to support scientific breakthroughs and top-tier international research collaboration.

The funding is granted primarily to teams of researchers with doctoral degrees. In Academy Projects, we encourage researchers to engage in international mobility that will support the research, for example, so that a researcher hired to the project works abroad for a fixed period. The project may also hire a foreign researcher who already works or will work in the Finnish scientific community.

#### Who is eligible to apply?

The leader of an Academy Project (the principal investigator, or PI) **must have the qualifications of a professor or docent**. In September 2016, the Academy of Finland especially encourages early-career researchers to apply for Academy Project funding.

If the PI does not have an employment relationship with, for example, a university or research institute, they must explain in the application how their salary will be covered during the project's funding period. These details must be accounted for in the application.

When the call opens, please check the Academy's website for possible additional guidelines.

#### Funding

Academy Project funding can be used to cover both direct and indirect research costs of the research team arising from, for example, the following:

- working hours (salary)
- research
- travel
- national and international collaboration and mobility
- work and researcher training abroad
- preparation of international projects
- publishing (e.g. open access publishing using the golden route).

See Appendix 2 A of the September 2016 call text for the average Academy Project funding granted in spring 2016.

#### Funding period

As a rule, the funding is granted for four years, starting on 1 September 2017.



## Special conditions and restrictions

Academy Project funding is primarily intended towards the salaries of researchers who work full-time on the project and for other project costs. For guidelines on the PI's salary, see page 5-6 of the September 2016 call text.

In the September call, we will consider only one application per researcher for Academy Project funding (incl. a consortium subproject) or for funding for a research post as Academy Research Fellow or Postdoctoral Researcher. If you do submit more than one application for any of these funding opportunities, or apply for more than one type of such funding, we will only review the first application to arrive. Applications that are not reviewed will not be eligible for funding.

If you have ongoing Academy Project funding (an independent project or a consortium subproject), or funding allocated to an Academy Research Fellow or an Academy Professor for hiring a research team, you will not be eligible to receive funding for a simultaneous Academy Project except for very compelling reasons.

In the September 2016 call, however, a PI who has an ongoing project with Academy Project funding ending on 31 December 2017 can be granted Academy Project funding as of 1 September 2017.

Directors, vice directors and team leaders of Academy-funded Centres of Excellence cannot receive Academy Project funding during the first three years of the CoE term.

## Appendices to application

The required appendices are listed in Appendix 1 A of the September 2016 call text.

## How to apply

The non-negotiable deadline for applications is 28 September 2016 at 16.15. The deadline also applies to consortia. Draft the application in [the Academy's online services](#). Select *Open calls* > **Academy Project funding**.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

If the applicant is a consortium, see detailed guidelines on our website under [Guidelines for consortium application](#). Please note that consortium PIs can submit the consortium application only after all consortium subprojects have completed their applications. The non-negotiable call deadline also applies to consortia. Consortium compositions cannot be changed after the deadline has expired. The consortium guidelines for the September 2016 call will be updated before the call opens.

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Natural Sciences and Engineering Research Unit:

- Science Adviser Outi Oila, tel. +358 295 335 086
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Health Research Unit:

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## 2.2 TARGETED CALL: INTERNATIONAL JOINT PROJECTS WITHIN THE ICT 2023 PROGRAMME: WiFiUS, WIRELESS COMMUNICATIONS AND NETWORKING

The Academy of Finland and the US National Science Foundation (NSF) support new collaborations in the field of wireless communications and networking.

The call concerns joint US-Finnish foundational and transformative research in the area of wireless networking. The joint projects to be funded will form part of the virtual institute Wireless Innovation between Finland and US (WiFiUS, [www.wifius.org](http://www.wifius.org)).

Reflecting the funding priorities of the Academy as well as those of each participating NSF division, the programme seeks projects on novel frameworks, architectures, protocols, methodologies and tools for the design and analysis of robust and highly dependable wireless communication systems and networks, especially as they support and enable the Internet of Things (IoT). The joint projects to be funded leverage each nation's expertise and address the challenges via work in three areas:

- IoT architectures and protocols
- Cognitive IoT systems
- Security and privacy in IoT

Read the theme descriptions on the Academy's website at [www.aka.fi/ict2023](http://www.aka.fi/ict2023) > EN.

Applications will be submitted by a Finnish party and an American party. The parties apply for funding separately from the Academy and the NSF.

### Review of applications

The Academy of Finland and the NSF will conduct independent and parallel review processes and discuss the review results before making the funding decisions.

In addition to the Academy's normal review principles and criteria, WiFiUS applications will also be evaluated by the extent to which the proposed work supports the WiFiUS call theme, and by the extent to which the work and collaboration plans describe a unified project between Finnish and US researchers.



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## Special instructions for this call

### Joint research plan

The Finnish PIs taking part in the joint project are expected to coordinate their Academy applications with their US counterparts' submissions to the NSF.

The applications addressed to the Academy and the NSF must include identical project abstracts, project descriptions, lists of publications, curricula vitae, collaboration and management plans, and lists of personnel (See appendix 1 B). The lists of publications must include references relevant to this project by the Finnish PIs and their US partners. *In addition*, append to the applications to the Academy the curricula vitae for the PIs and co-PIs applying for funding from the Academy and the curricula vitae for the PIs and co-PIs applying for funding from the NSF.

### Annual researcher meetings

The researchers to be funded will be expected to attend – and should budget for – annual grantee review meetings for the purpose of sharing research progress with representatives of other projects funded under this call, as well as Academy and NSF representatives (and any other persons designated by these agencies). The first such meeting will be held some nine months after the funding is granted, and the succeeding meeting twelve months thereafter. For budgetary purposes, applicants should assume that one of these meetings will be held in Finland and one in the US.

### Funding period

The Academy of Finland's Research Council for Natural Sciences and Engineering is prepared to fund 7–9 projects with a total of 2,000,000 euros. As a rule, the funding period for the two-year projects will start on 1 April 2017.

### Appendices to application

The required appendices are listed in Appendix 1 B of the April 2016 call text.

### How to apply

Please note the nonstandard call schedule. The non-negotiable deadline for applications is **17 October 2016** at 16.15. Draft the application in [the Academy's online services](#). Select *Open calls* > **ICT 2023/WiFiUS, wireless networking (Academy of Finland and NSF)**.

Enter the application title (*on the application form: topic*) as follows: "WiFiUS:" followed by the project-specific text, for example: WiFiUS: Project title.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more under [Full cost model](#).

If the applicant is a consortium, see detailed guidelines on our website under [Guidelines for consortium application](#). Consortium compositions cannot be changed after the deadline has expired. The consortium guidelines for the September 2016 call will be updated before the call opens.

### Contacts

- Senior Science Adviser Juha Latikka (Natural Sciences and Engineering Research Unit), tel. +358 295 335 058



## 3 FUNDING FOR RESEARCHERS

### 3.1 FUNDING FOR RESEARCH POST AS ACADEMY RESEARCH FELLOW

#### Aim

When you apply for funding for a research post as Academy Research Fellow you apply for funding for your own salary for a maximum of five years. An Academy Research Fellow funded by the Academy of Finland works on a research plan of a high scientific quality. Academy Research Fellows have built extensive research networks and the funding allows them to develop their skills of academic leadership and to establish themselves as independent researchers.

The posts as Academy Research Fellow provide researchers with a good and diverse opportunity to work independently on their research and to contribute to developing the research in the field. Academy Research Fellows are encouraged to engage in international research collaboration and mobility across international and sectoral borders, for example, so that they work part of their term abroad. Applicants may also be foreign researchers who already work or will work in the Finnish scientific community.

The duties of Academy Research Fellows include (without separate compensation) supervision of thesis and dissertation writers in their own field and teaching associated with their research, covering 5% of annual working hours.

#### Who is eligible to apply?

Successful applicants will have been engaged in successful scientific publication and collaboration since gaining their doctoral degree.

The applicant is a researcher with **3–9 years of experience since PhD completion** (degree certificate issued 27 Sep 2007–30 Sep 2013), or up to 13 years, provided that they have since completed medical specialist training.

Applicants who have completed their doctoral degree more than nine years ago can be considered only for special reasons (maternity, paternity, parental or childcare leave, military service or nonmilitary service, or long-term illness). If you plead these special reasons, justify them in the application under *Personal data/CV, Degrees, Additional information*. If the reasons are strictly confidential, please contact the presenting official (see Contacts).

Appendix 2 B of the September 2016 call text shows the success rates of applications for funding for research posts as Academy Research Fellow by research council in spring 2016.

#### **New conditions for September 2016: mobility requirement**

The Academy of Finland encourages researcher mobility. The new 'mobility requirement' is met if researchers apply for funding for a research post as Academy Research Fellow to a research environment other than the one in which they worked while completing their doctoral thesis. Here, 'research environment' refers to the research team or community in which the researchers work. A single site of research (university, research institute, etc.) may include more than one research environment. This means that it is possible to change research environments within the same site.

If the application concerns the same research environment where the applicant worked while completing their doctoral degree, the applicant must give an account of



at least six months of research experience from another research environment since PhD completion. **Read more guidelines in Appendix 7 of the September 2016 call text.**

In the September 2016 call, we will exceptionally also take into account work to be conducted between 29 September 2016 and 31 March 2017 that can be proven with a written invitation. The invitation must be presented to us before the call closes. The invitation is submitted as an appendix to the application. Applicants who are basing their application on mobility that will take place during the above-mentioned period will be asked to provide a work certificate, and the certificate must be added to the application no later than 31 March 2017. The six-month mobility period must have been completed by 31 March 2017, too. The Academy will not send out reminders about adding the certificate.

## Funding

### For salary

The salary funding is determined according to a salary of 4,950 euros/month. We will also allocate funding for indirect employee costs (28%) and overheads (14.29%, i.e. the funding includes an overheads share of 12.5%).

On the initiative of the researcher concerned, the Academy Research Fellow salary funding may be integrated **during the funding period** with salary funding received from other sources (e.g. the ERC). The same applies if the researcher is part of the university's tenure track system. In the September 2016 call, however, applicants **apply for** the full amount of salary funding.

### For research costs

Recipients of funding for research posts as Academy Research Fellow can – having received the decision on their salary funding – submit a separate application for a grant for research costs to the relevant research council. This grant can cover research costs, international collaboration and mobility, and setting up a research team. Read more on how the research councils grant funding for research costs in Appendix 2 C of the September 2016 call text. Guidelines are also available on our website under [Research councils](#) and from the call's contact persons.

Separate decisions will be made on the funding for the salary and research costs of Academy Research Fellows in spring 2017. **Those selected to a post** will be requested to separately submit an application and a detailed funding plan for research costs.

**However, you must also append a tentative funding plan for research costs to your application as part of the research plan** (under *Implementation*). The application for funding for research costs is drafted under following the full cost model.

## Funding period

Research posts as Academy Research Fellow are filled for five years. The funding period is 1 September 2017–31 August 2022. The period can be changed only for special reasons (see *Who is eligible to apply?* above). A person can be granted Academy Research Fellow funding only once.



## Research at EUI

The European University Institute (EUI) can receive one Academy-funded Academy Research Fellow at a time to carry out research at the EUI for 1–2 years. Funding for this opportunity is applied for as part of the five-year research post as Academy Research Fellow. If you are interested in working at the EUI, please read about EUI research before applying and contact the Academy's EUI contact person (see below) when drafting your application. You need not append any separate invitation from the EUI to your application.

## Restrictions

In the September call, we will consider only one application per researcher for Academy Project funding (incl. a consortium subproject) or for funding for a research post as Academy Research Fellow or Postdoctoral Researcher. If you do submit more than one application for any of these funding opportunities, or apply for more than one type of such funding, we will only review the first application to arrive. Applications that are not reviewed will not be eligible for funding.

A researcher who has been granted funding for a research post as Postdoctoral Researcher can be granted funding for a research post as Academy Research Fellow only in special cases, if the two terms would overlap.

If Academy Research Fellows are granted funding for setting up a research team, they can be granted simultaneous Academy Project funding only for compelling reasons. If those selected to a research post as Academy Research Fellow already have sufficient funding from other Academy funding schemes, the relevant research council will consider the need for additional funding on the basis of the research plan.

## Appendices to application

The required appendices are listed in Appendix 1 A of the September 2016 call text.

## How to apply

The non-negotiable deadline is 28 September 2016 at 16.15. Draft the application in [the Academy's online services](#). Select *Open calls* > **Funding for research post as Academy Research Fellow**.

The additional cost model (14.29%, i.e. the funding includes an overheads share of 12.5%) is applied to the overheads in the applications for salary funding. Those who have been granted salary funding will be asked to submit a separate application for research costs in accordance with the full cost model. The Academy's contribution to funding comes to no more than 70% of the total research costs.

## Contacts

Biosciences and Environment Research Unit:

- Science Adviser Harri Hautala, tel. +358 295 335 019
- Science Adviser Annika Raitala, tel. +358 295 335 097

Culture and Society Research Unit:

- Senior Science Adviser Päivi Messo, tel. +358 295 335 074
- Science Adviser Minna Söderqvist, tel. +358 295 335 100



Natural Sciences and Engineering Research Unit:

- Science Adviser Jan Bäckman, tel. +358 295 335 010
- Science Adviser Anna Kalliomäki, tel. +358 295 335 035

Health Research Unit:

- Science Adviser Heikki Vilen, tel. +358 295 335 135
- Science Adviser Sara Illman, tel. +358 295 335 119

Research at EUI ([www.eui.eu](http://www.eui.eu))

- Science Adviser Mikko Virtanen, tel. +358 295 335 101

## 3.2 FUNDING FOR RESEARCH POST AS POSTDOCTORAL RESEARCHER

### Aim

When you apply for funding for a research post as Postdoctoral Researcher you apply for funding for your own salary and research expenses for three years. The aim of the Academy of Finland's funding for research posts as Postdoctoral Researcher is to support the most promising researchers who have recently completed their doctoral degree in gaining competence for demanding researcher or expert positions.

Postdoctoral Researchers have established effective national or international collaborative networks. In the review of applications, particular attention will be paid to the international dimension of the research plan. Postdoctoral Researchers are encouraged to engage in international mobility and collaboration.

We recommend that Postdoctoral Researchers provide (without separate compensation) supervision of thesis and dissertation writers in their own field and teaching associated with their field of expertise, covering 5% of annual working hours. However, no more than 10% of the annual working hours should be spent on teaching and other work not immediately associated with the researcher's own research.

In the September 2016 call, the Research Council for Natural Sciences and Engineering invites applications especially in the following fields, which have also been designated by the Finnish Government and the Research and Innovation Council as important for Finland's economy and welfare:

- technology in support of energy, environmental and material efficiency (clean technology)
- bio- and nanotechnology
- health and welfare technology
- Arctic know-how.

### Who is eligible to apply?

The applicant is a researcher with **up to four years of experience since PhD completion** (degree certificate issued 27 Sep 2012–30 Sep 2016), or up to eight years if the degree has been obtained simultaneously with medical specialist training.

Applicants who have completed their doctoral degree more than four years ago can be considered only for special reasons (maternity, paternity, parental or childcare



leave, military service or nonmilitary service, or long-term illness). If you plead these special reasons, justify them in the application under *Personal data/CV, Degrees, Additional information*. If the reasons are strictly confidential, please contact the presenting official (see Contacts).

### **New conditions for September 2016: mobility requirement**

The Academy of Finland encourages researcher mobility. The new 'mobility requirement' is met if researchers apply for funding for a research post as Postdoctoral Researcher to a research environment other than the one in which they worked while completing their doctoral thesis. Here, 'research environment' refers to the research team or community in which the researchers work. A single site of research (university, research institute, etc.) may include more than one research environment. This means that it is possible to change research environments within the same site.

If the application concerns the same research environment where the applicant worked while completing their doctoral degree, the applicant must give an account of at least six months of research experience from another research environment since PhD completion. **Read more guidelines in Appendix 7 of the September 2016 call text.**

In the September 2016 call, we will exceptionally also take into account work to be conducted between 29 September 2016 and 31 March 2017 that can be proven with a written invitation. The invitation must be presented to us before the call closes. The invitation is submitted as an appendix to the application. Applicants who are basing their application on mobility that will take place during the above-mentioned period will be asked to provide a work certificate, and the certificate must be added to the application no later than 31 March 2017. The six-month mobility period must have been completed by 31 March 2017, too. The Academy will not send out reminders about adding the certificate.

## **Funding**

The total costs of a research post as Postdoctoral Researcher include funding for a 36-month salary, personal research costs and international and national mobility (e.g. travel and mobility allowance for a spell abroad). The recommended mobility allowances for spells abroad are presented in Appendix 3 A of the September 2016 call text. Funding is not granted for salary costs of other persons.

The applicant and the site of research must agree on the Postdoctoral Researcher's salary in advance. The salary to be applied for is primarily set according to [job grade 5 of the pay scale of teaching and research staff](#) (Finnish Union of University Researchers and Teachers), which means some 2,900–4,100 euros/month, depending on the researcher's experience and the pay levels at the site of research. For more information on the practices of Academy research councils, see Appendix 2 D of the September 2016 call text and [Research councils](#) on our website.

The Academy's contribution to funding comes to no more than 70% of the total costs of the researcher's salary and research costs. See Appendix 2 D of the September 2016 call text for the research councils' average funding for Postdoctoral Researchers in the previous call.



## Funding period

The funding for research posts as Postdoctoral Researcher is granted for three years. The funding period is 1 September 2017–31 August 2021, and it can be changed only for compelling reasons (see *Who is eligible to apply?* above). A person can be granted Postdoctoral Researcher funding only once.

## Special conditions and restrictions

In the September call, we will consider only one application per researcher for Academy Project funding (incl. a consortium subproject) or for funding for a research post as Academy Research Fellow or Postdoctoral Researcher. If you do submit more than one application for any of these funding opportunities, or apply for more than one type of such funding, we will only review the first application to arrive. Applications that are not reviewed will not be eligible for funding.

An applicant for a research post as Postdoctoral Researcher can be named as a researcher in the application of another applicant, but with a different research plan. Applicants must indicate this in their application.

## Research at EUI or IIASA

The European University Institute (EUI) can receive up to two Academy-funded Postdoctoral Researchers at a time to carry out research at the EUI for 1–2 years. Funding for this opportunity is applied for as part of the three-year research post as Postdoctoral Researcher. If you are interested in working at the EUI, please read about EUI research before applying and contact the Academy's EUI contact person (see below) when drafting your application. You need not append any separate invitation from the EUI to your application.

During the Academy funding period, Postdoctoral Researchers can also visit the International Institute for Applied Systems Analysis (IIASA), whose research focuses on global issues that require broad-based, multidisciplinary research cooperation. IIASA develops and utilises methods of systems analysis, but the applicant is not required to have knowledge of these methods. The applicant's research must be linked to one of IIASA's research projects. The applicant agrees the length of the visit with IIASA and appends the invitation to the application for Postdoctoral Researcher funding. Contact the Academy's IIASA contact person for more details (see below).

## Appendices to application

The required appendices are listed in Appendix 1 A of the September 2016 call text.

## How to apply

The non-negotiable deadline is 28 September 2016 at 16.15. Draft the application in [the Academy's online services](#). Select *Open calls* > **Funding for research post as Postdoctoral Researcher**.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#). In addition to salary costs, also include the necessary personal research costs in the estimated total costs.





In the research plan (under *Implementation*), the Postdoctoral Researcher's monthly salary (excl. indirect employee costs) is entered together with a justification (by type of expenditure) for the estimated total project costs (incl. research costs).

**When the call opens, please check the [Academy's website](#) for possible additional guidelines.**

## Contacts

Biosciences and Environment Research Unit:

- Science Adviser Mirkka Herranen, tel. +358 295 335 016
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Culture and Society Research Unit:

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Natural Sciences and Engineering Research Unit:

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  - Senior Science Adviser Kati Sulonen, tel. +358 295 335 110
- Health Research Unit:

- Senior Science Adviser Aki Salo, tel. +358 295 335 104
- Senior Science Adviser Sirpa Nuotio, tel. +358 295 335 082

Research at EUI ([www.eui.eu](http://www.eui.eu))

- Science Adviser Mikko Virtanen, tel. +358 295 335 101

Research at IIASA ([www.iiasa.ac.at](http://www.iiasa.ac.at))

- Science Adviser Laura Kitti, tel. +358 295 335 152

## 3.3 SPECIAL FUNDING FOR RESEARCHERS

### 3.3.1 FUNDING FOR CLINICAL RESEARCHERS

#### Aim

The Academy of Finland's Research Council for Health funds part-time research by physicians and other researchers engaged in clinical practice. The aim is to promote clinical research careers in cooperation with, for example, university hospitals, and to encourage medical doctors and other researchers working in clinical practice to engage in research alongside clinical practice.

#### Who is eligible to apply?

The applicant is a medical doctor with a doctoral degree working in clinical practice or some other healthcare professional with a doctoral degree engaged in clinical practice. Funding is not granted to full-time university researchers.



## Funding

The funding is granted towards salary costs to support **part-time research** (20–50% of working hours) by clinical researchers. The applicant and the site of research must agree the salary in accordance with the pay system at the site of research. They must also agree the working-time arrangements in advance, particularly if the research and the clinical work will be conducted at different sites.

In addition to salary costs, the Academy may also provide funding for research costs. The Academy's contribution to funding for a project promoting a clinical research career comes to no more than 70% of the total project costs. The total cost estimate presented in the application must include the applicant's salary and research costs.

In the September 2015 call, the average amount of funding granted for three or four years was 270,000 euros per researcher. The success rate was 18 per cent.

## Funding period

The funding is granted for a maximum of **four years**, starting on 1 September 2017.

## Appendices to application

The required appendices are listed in Appendix 1 A of the September 2016 call text.

## Restrictions

In the September 2016 call, funding can be granted to one and the same applicant only in one of the following funding opportunities:

- funding for clinical researchers
- funding for research post as Academy Research Fellow
- funding for research post as Postdoctoral Researcher
- Academy Project funding (or consortium subproject).

If you do submit more than one application for any of these funding opportunities, we will only review the first application to arrive.

## How to apply

The non-negotiable deadline is 28 September 2016 at 16.15. Draft the application in [the Academy's online services](#). Select *Open calls* > **Funding for clinical researchers**.

Draft the application so that the Academy's contribution to funding comes to no more than 70% of the estimated total project costs. Read more on our website under [Full cost model](#).

In addition to funding towards salary costs, **the same application is also used to apply for funding for research costs**. The monthly salary of the clinical researcher (excl. indirect employee costs) and the working hours to be used for research are entered in the research plan under *Implementation*. The project's total costs (incl. estimated research costs) must also be justified. Also describe the working-time arrangements that will be put in place to reconcile the research and the clinical work. If needed, please contact the science adviser named below.



## Contacts

- Science Adviser Sanna Marjavaara (Health Research Unit), tel. +358 295 335 070

### 3.3.2 FUNDING FOR INTERNATIONAL RESEARCHER MOBILITY BASED ON BILATERAL AGREEMENTS

#### Aim

The Academy of Finland's funding for bilateral research cooperation and researcher mobility supports the Academy's general science policy objectives. With this funding opportunity, we promote the international interaction and contacts of Finnish researchers and the internationalisation of Finnish research environments.

The mobility funding call is implemented with the following countries: **China, (incl. Taiwan), Germany, India, Japan and Russia.**

#### Who is eligible to apply?

The applicant is a researcher with at least a higher academic degree, but we will give preference to researchers with a doctoral degree.

#### Funding

The mobility funding is either a personal grant or a research grant. *Personal grants* are paid directly to the researchers, *research grants* via the sites of research. The duration of the grant is 7–360 days. **The funding does not cover insurances**, so applicants must take out appropriate insurance for the grant period.

The funding is intended for the researcher's personal grant (incl. travel and accommodation costs), for inviting researchers to Finland and for arranging joint seminars (China, Japan). The more detailed funding conditions are determined keeping to the relevant agreement. The monthly grant amounts are presented in Appendices 3 B (Mobility to Finland) and 3 C (Mobility from Finland) of the September 2016 call text. It is assumed that the applicants will also receive other salary during their visit. Applicants must clearly state in their applications if they will not be receiving other salary during their visit, or if they will be receiving only partial salary, and that they have therefore calculated the monthly grants according to the highest categories. The funding to China only covers travel costs, since the Chinese funding agency covers the researcher's accommodation costs.

#### Funding period

The earliest start date for the funding period is 1 February 2017. Grants can be awarded for a maximum of twelve months over a two-year period.

#### Review of applications

Read more about the criteria used in the review of applications [on our website](#).

#### 3.3.2.1 Mobility from Finland

##### India

- a) Grants are awarded together with the Indian Department of Science and Technology (DST) for short-term visits to conduct or prepare joint research at universities and research institutes in India. The Academy of Finland covers the applicant's travel costs and DST covers accommodation costs and a grant. The recommended grant duration is 21 days (possible duration 7–90 days)



- b) Grants are awarded for research and preparation of biotechnological research at universities and research institutes in India. The Academy of Finland's grant [covers travel and living costs in India. The duration of the grant is 7–360 days.](#)

[Read more about mobility grants to India on our website.](#)

## Japan

- a) Grants are awarded for researchers with a PhD for research at universities or research institutes in Japan. The grants cover travel and living costs.
- b) JSPS Postdoctoral Fellowships for 12–24 months to Japan.

The Academy of Finland and the Japan Society for the Promotion of Science (JSPS) have an agreement concerning JSPS Postdoctoral Fellowship grants to Japan. Applications are submitted to the Academy so that the Academy will screen out the applicants and select one candidate for the JSPS. The JSPS will make the funding decision and be responsible for paying the grant.

The most important part of the application is the JSPS application form, which must be appended to the application under *Research plan for mobility application* in the online services. Do not append any other research plans to the application. The link to the JSPS form is available [on our website](#). See the JSPS website for [instructions on how to fill in the form](#).

- c) Grants are awarded for Finnish researchers to cover costs related to participation in Finnish-Japanese seminars to be organised in Japan. In this way the Academy works to support Finnish researchers' collaborative initiatives with Japanese researchers.

Please note that the seminar must have both a Finnish and a Japanese person responsible for the seminar, and both of them must submit an application to their own funding agency. NB! The JSPS deadline for Japanese applicants applying for funding to organise Finnish-Japanese seminars is 8 September 2016. Read more at [www.jsps.go.jp/english](http://www.jsps.go.jp/english).

Finnish researchers can apply for personal grants to cover travel and living costs. The grants do not cover seminar participation fees. The seminar dates must fall between 1 April 2017 and 31 March 2018.

In the Academy's online services under *Project title*, clearly indicate that it is a **Finnish-Japanese joint seminar**.

The Academy and the JSPS have agreed to fund no more than two joint seminars in Finland or Japan. The funding decisions will be made in January 2017.

[Read more about mobility grants to Japan on our website.](#)

## China and Taiwan

- a) Grants are awarded for travel costs related to research in life, natural and engineering sciences (incl. medicine) at universities and research institutes in China. Travel grants are available for 2017. The National Natural Science Foundation of China (NSFC) covers the applicant's costs in China. The Academy of Finland's grant duration is no more than twelve months in total. This can be divided among several researchers. Grants are awarded for travel costs related to research in natural and engineering sciences at institutes of the Chinese



Academy of Sciences (CAS). Travel grants are available for 2017. The CAS covers the applicant's costs in China. The Academy of Finland's grant duration is no more than twelve months in total. This can be divided among several researchers. Those who will work in libraries and archives will also need an invitation letter from the Chinese host. Grants are awarded for travel costs related to research in the humanities, culture studies, law, economics and social sciences at institutions of the Chinese Academy of Social Sciences (CASS). Travel grants are available for 2017. The CASS covers the applicant's costs in China. The Academy of Finland's grant duration is no more than three months in total. This can be divided among several researchers. Those who will work in libraries and archives will also need an invitation letter from the Chinese host.

- d) Grants are awarded for participation in Finnish-Chinese seminars to be organised in China.

Finnish researchers can apply for personal grants to cover travel and living costs. The grants do not cover seminar participation fees. In the Academy's online services under *Project title*, clearly indicate that it is a **Finnish-Chinese** joint seminar. With this funding opportunity, the Academy works to support Finnish researchers' collaborative initiatives with Chinese researchers.

- e) Grants are awarded for research at research institutes and universities in Taiwan.

[Read more about mobility grants to China and Taiwan on our website.](#)

## Germany

The research grants to support project cooperation between Finnish and German researchers are intended for Finnish research teams' travel and living costs in Germany.

The Academy of Finland and Deutscher Akademischer Austausch Dienst (DAAD) cover the travel and living costs of the participating researchers of their own country in accordance with their own funding conditions. The Academy will cover the living costs as grants according to its own calculation model. Travel costs can also be funded. Funding is available for 2017 and 2018. In addition, in the case of a grant that is about to end, it is now also possible to apply for an extension for a third year, provided that there are justifiable grounds. The funding cannot be used for research costs or seminars.

It is recommended that the same number of researchers from institutions of both The duration of visits may be one week or a few months at a time.

The Finnish and German research teams will draft a joint research plan.

When drafting the online application please note the following:

- The PI is the applicant.
- Applicants must append both their own CVs and lists of publications and the CVs and lists of publications of the German PI.
- Applicants must append the CVs of those Finnish researcher for whose travel costs the funding will be used. The CVs can be combined into one joint file together with the German PI's CV. Under *Mobility* in the application, list the Finnish researchers (enter N.N. if necessary) who will the funding for travel.



- Applicants must append a joint Finnish-German research plan that indicates the schedules of the visits as well as the name, institution and contact details of the German applicant.
- Applications must include a commitment by the site of research.

The [review form](#) is available on our website. In the review of applications, focus will be placed on the following:

- the scientific quality of the project
- the scientific merits of the research teams
- the way in which the teams complement each other
- the added value of the cooperation
- participation of early-career researchers.

The funding decisions will be made in January 2017. The funding period is two years from the decision date, unless the decision states otherwise.

## Russia

Grants are awarded for research at institutions of the Russian Academy of Sciences and at universities in Russia.

Applicants must have an invitation from the host institution (except for archive and library work). The minimum duration of the visit is one week; the maximum duration is one year (over 24 months). The Academy of Finland will cover the round trip from the place of residence in Finland to the destination in Russia and travel costs in Russia related to the scientific programme of the visit. The grant includes funds for accommodation.

[Read more about mobility grants to Russia on our website.](#)

### 3.3.2.2 Mobility to Finland

#### India

Grants are awarded to invite Indian researchers of biotechnology to Finland.

[Read more about these mobility grants on our website.](#)

#### Japan

Heads of Finnish research teams can apply for funding to cover reasonable costs of organising Finnish-Japanese joint seminars in Finland.

In the Academy's online services under *Project title*, clearly indicate that it is a **Finnish-Japanese joint seminar**. Applications must include a commitment by the site of research.

As a rule, the funding has covered basic seminar costs (e.g. rents, coffee serving, printing and mailing). The funding cannot be used to cover travel costs of foreign researchers. The seminar dates must fall between 1 April 2017 and 31 March 2018.

The Academy and the JSPS have agreed to fund no more than two joint seminars in Finland or Japan. The funding decisions will be made in January 2017.



Please note that the seminar must have both a Finnish and a Japanese person responsible for the seminar, and both of them must submit an application to their own funding agency. NB! The JSPS deadline for Japanese applicants applying for funding to participate in Finnish-Japanese seminars is 8 September 2016. Read more at [www.jsps.go.jp/english](http://www.jsps.go.jp/english).

### China and Taiwan

- a) Heads of Finnish research teams can apply for funding for 2017 to cover reasonable costs of organising Finnish-Chinese joint seminars in Finland.

In the Academy's online services under *Project title*, clearly indicate that it is a **Finnish-Chinese joint seminar**. Applications must include a commitment by the site of research.

- b) Grants are awarded for inviting Taiwanese researchers to Finland to carry out research.

The Academy of Finland will cover the round trip from the place of residence in Taiwan to the destination in Finland and travel costs in Finland related to the scientific programme of the visit. The maximum duration of the visit is one year. Applications must include a commitment by the site of research.

### Russia

Grants are awarded for inviting Russian researchers to Finland.

Finnish researchers can apply for funds for inviting Russian researchers to Finland to do research. The minimum duration of the visit is one week; the maximum duration is one year. The invitee is required to have earned at least a bachelor's degree in science. The invitation grant covers a round trip from Russia to Finland, travel costs in Finland related to the scientific programme of the visit and a grant for living expenses.

### Appendices to application

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices required](#) on our website. Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae (no more than 4 pages), which is appended under *Personal data/CV*.

#### Personal travel:

- invitation by the institution to be visited (no invitation letter is required from researchers who will work in libraries and archives, except in China)
- curriculum vitae, no more than four pages
- list of publications
- research plan, no more than five pages
- progress report

#### Grants for invitees:

- curriculum vitae for the invitee, indicating date of birth, highest academic degree and previous visits to Finland on grants or other funding
- invitees' list of publications
- the inviting person's list of publications



- research plan, no more than five pages
- progress report

**Arranging seminars:**

- list of publications
- research plan, including a short description of the research, a tentative seminar programme and an account of how the seminar ties in with the present research; in addition, a budget specification (rent for meeting premises, coffees, printing and mailing costs)

**Participating in seminars:**

- list of publications
- research plan, including a short description of the research, a tentative seminar programme and an account of how the seminar ties in with the present research; in addition, a description of the applicant's role in the seminar (invited speaker, other speaker, participant)

**How to apply**

The non-negotiable deadline is 28 September 2016 at 16.15. Please note that the deadlines of some international funding agencies may expire earlier.

Draft the application in [the Academy's online services](#). Select *Open calls* >

***Mobility from Finland* or *Mobility to Finland*.**

The grant amounts are presented in Appendices 3 B (Mobility to Finland) and 3 C (Mobility from Finland) of the September 2016 call text. Full costing is not applied to personal grants.

**More information**

For more detailed, country-specific information, see [Funding for researcher mobility and seminars based on bilateral agreements](#) on our website.

**Contacts**

- Coordinator Kristiina Helansuo, tel. +358 295 335 022 (Japan, Russia, and China incl. Taiwan) Coordinator Marja-Liisa Liimatainen, tel. +358 295 335 063 (Russia)
- Science Adviser Ulla Ellmén, tel. +358 295 335 011 (India and Germany)





## 4 FUNDING FOR RESEARCH ENVIRONMENTS

### 4.1 SRC MATCHING FUNDS FOR HORIZON 2020

The Strategic Research Council (SRC) at the Academy of Finland grants national matching funds to projects that have received funding under the [Societal Challenges priority of Horizon 2020](#), the EU the Framework Programme for Research and Innovation.

Projects eligible to receive SRC matching funds must have received funding in 2015 or thereafter. The aim of SRC matching funds is to encourage research organisations to participate in preparing projects for upcoming EU funding calls.

The full application guidelines are available [on our website](#).

SRC matching funds can be applied for by research organisations. **The application deadline is open-ended.** In December 2016, the SRC will process all applications that have been submitted in [the Academy's online services](#) by 30 November 2016 at 16.15.

#### Contacts

- Finance Manager Sirpa Nummila (Finance Unit), tel. +358 295 335 081
- Senior Science Adviser Kyösti Lempa (Strategic Research Unit), tel. +358 295 335 144



## 5 REVIEW OF APPLICATIONS FOR SPORT SCIENCE PROJECT FUNDING FROM MINISTRY OF EDUCATION, SCIENCE AND CULTURE

Since autumn 2013, the Academy of Finland has reviewed the scientific quality of sport science project applications submitted to the Ministry of Education, Science and Culture. The review cooperation concerns new applications for funding. Applications must be submitted in the Academy's online services instead of the Ministry's Registrar's Office. We will forward the review reports to the Ministry. The Ministry will make the funding decisions and take care of the payment of funds.

The review of applications will follow the Academy's practices and criteria. We mainly use foreign experts as reviewers. **We therefore ask you to submit your application in English**, in order to facilitate international peer review and ensure an equal and smooth processing of applications.

In addition to scientific quality, the review will focus on how the applications meet the policy lines indicated in the Ministry's application guidelines. This aspect will be assessed by the National Sports Council, which will then submit its statement to the Ministry.

The funding decisions will be made by the Ministry in spring 2017. The funding period can start as early as 1 January 2017. Due to the Ministry's decision schedule, however, the recommended start date is 1 May 2017.

### Ministry policy

The Ministry is keen to fund research that is highly applicable. It supports research into themes defined in the sport sciences policy document drafted by the Ministry in cooperation with the National Sports Council's Sub-Committee for Sport Science. The themes are related to topical issues concerning the promotion of physical activity, access to physical activities and the special characteristics of sports culture. Research is also needed on cross-cutting elements of sports policy, such as the impacts and cross-administrative nature of the promotion of physical activity.

The Ministry's current policies as well as the eligible costs are presented in more detail in its [application guidelines](#). The applications are submitted by sites of research.

### Restrictions

In accordance with the Finnish Act on Discretionary Government Transfers, a research project cannot receive simultaneous Ministry and Academy funding for the same purpose. Nevertheless, if applying for funding for different parts of a large-scale project simultaneously from both the Ministry and the Academy, the applicant must address the applications to both agencies and with different research plans.

### How to apply

The non-negotiable deadline is 28 September 2016 at 16.15. Draft the application in [the Academy's online services](#). Select *Open calls* > **Sport research funded by Ministry of Education, Science and Culture**.

The appendices to the application are described in [the Ministry's application guidelines](#).



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**Contacts**

- questions about the Ministry's funding (call objective, eligibility, restrictions, decisions, payment): Senior Advisor Kari Niemi-Nikkola, tel. +358 295 330 112, [firstname.lastname\(at\)minedu.fi](mailto:firstname.lastname(at)minedu.fi)
- using the Academy's online services, simultaneous application: Senior Science Adviser Aki Salo, tel. +358 295 335 104, and Science Adviser Kati Takaluoma, tel. +358 295 335 150 (Health Research Unit)



## ADVANCE INFORMATION ON CALLS

### Calls by the Academy of Finland

#### Competitive funding to strengthen university research profiles (PROFI)

The third PROFI call concerning competitive funding to strengthen university research profiles will open in autumn 2016. The call will be open between 26 October and 16 November 2016. The call text will be posted on the Academy of Finland's website (under [Apply now](#)) approximately one month before the call opens. The funding decisions will be made in May 2017. The call is open to universities.

Contacts:

- Vice President for Research Riitta Majjala, tel. +358 295 335 002 (as of 1 July 2016) Science Adviser Maiju Gyran, tel. +358 295 335 015
- Senior Science Counsel Anne Heinänen, tel. +358 295 335 021

#### Calls by the Strategic Research Council

The Strategic Research Council (SRC) at the Academy of Finland is set to open a call within a new programme in late 2016 (TBC). For themes and more information, please see [the SRC's web pages](#).

Contacts

- Science Adviser Jussi Vauhkonen, tel. +358 295 335 155

#### Funding for research post as Academy Professor

The Academy of Finland is in the process of redesigning the Academy Professor funding scheme. The next call has been planned for April 2017.

Contacts:

- Biosciences and Environment Research Unit: Science Adviser Timo Sareneva, tel. 358 295 335 106
- Culture and Society Research Unit: Senior Science Adviser Hannele Kurki, tel. +358 295 335 072
- Natural Sciences and Engineering Research Unit: Senior Science Adviser Ritva Taurio, tel. +358 295 335 115
- Health Research Unit: Science Adviser Sara Illman, tel. +358 295 335 119

### International calls with the Academy as funding partner

The following is a list of some upcoming international calls in which the Academy of Finland will participate as a funding partner. **Please visit [our website](#) for more upcoming calls.** Always check the application dates on the calls' own websites.

#### NOP-HS funding for Nordic periodicals in the humanities and social sciences

The call will be open between 17 August and 13 September 2016.

NOP-HS, the Nordic Publishing Committee for Journals in the Humanities and Social Sciences, is a committee under NOS-HS. NOP-HS works to promote Nordic



publishing activities in the humanities and the social sciences by providing funding to scientific peer-reviewed journals. Applications are submitted according to NOP-HS' guidelines through the Swedish Research Council's grant application and management system Prisma.

Contacts:

- NOS-HS Secretary Anni Järvelin, Swedish Research Council, [anni.jarvelin\(at\)vr.se](mailto:anni.jarvelin(at)vr.se)
- Science Adviser Otto Auranen, tel. +358 295 335 141
- more information: [www.nos-hs.org/our-funding/journal-grants](http://www.nos-hs.org/our-funding/journal-grants)

### **NordForsk's Nordic Programme on Health and Welfare: Nordic Register-Based Research Projects**

The call has already opened; the deadline is 5 October 2016 at 13.00 (CET).

Eligible research projects should be based on register data from at least three Nordic countries. The applications should include use of register data from combined data sources (i.e. both socio-economic and health-related data). The application must involve partners from at least three Nordic countries. Partners from non-Nordic countries must fund their own participation.

Contacts:

- Director Jarmo Wahlfors, tel. +358 295 335 126
- more information: [www.nordforsk.org/no/funding/utlysninger/funding-for-nordic-register-based-research-projects](http://www.nordforsk.org/no/funding/utlysninger/funding-for-nordic-register-based-research-projects)

### **Call within the European & Developing Countries Clinical Trials Partnership (EDCTP)**

The call will be open between 14 July and 13 October 2016 (TBC).

The theme of the call is Clinical Trials and Operational Research Studies to Optimise the Use of Products for Poverty-Related Diseases in Mothers, Newborns, Children and/or Adolescents. Applications must involve partners from at least two EU countries and at least one sub-Saharan country.

Contacts:

- Senior Science Adviser Sirpa Nuotio, tel. +358 295 335 082
- more information: [www.edctp.org](http://www.edctp.org)

### **NORFACE Social Transformations to Sustainability Programme**

The call will be open between October 2016 and January 2017 (TBC).

The objective of the programme is to produce new knowledge and perspectives that can contribute to finding equitable and durable solutions to the challenges of sustainability in specific contexts. Applications must involve partners from at least three countries participating in the call.



Contacts:

- Science Adviser Minna Söderqvist, tel. +358 295 335 100
- more information: [www.norface.net](http://www.norface.net)

### **Nordic NOS-HS Exploratory Workshops in the humanities and social sciences**

The call will be open between 18 January and 21 March 2017 (TBC).

The Joint Committee for the Nordic Research Councils in the Humanities and Social Sciences (NOS-HS) funds exploratory workshops in the humanities and social sciences. The workshops are designed for researchers at different career stages from at least three Nordic countries. The call text and schedules will be posted on the NOS-HS website in November 2016.

Contacts:

- NOS-HS Secretary Anni Järvelin, Swedish Research Council, [anni.jarvelin\(at\)vr.se](mailto:anni.jarvelin(at)vr.se)
- Senior Science Adviser Päivi Messo, tel. +358 295 335 074
- more information: [www.nos-hs.org/en\\_us/our-funding/nos-hs-workshops](http://www.nos-hs.org/en_us/our-funding/nos-hs-workshops)

### **Annual international calls**

- Horizon 2020 calls: [Research and Innovation Programmes](#) (EUTI, the official information office for EU R&D in Finland)
- Marie Skłodowska-Curie actions
- European Research Council (ERC):
  - [Starting Grants](#)
  - [Consolidator Grants](#)
  - [Advanced Grants](#)
- NordForsk funding for joint Nordic research efforts. Read more on the [NordForsk website](#).



## APPENDICES

### APPENDIX 1 A: APPENDICES TO FULL APPLICATION

The appendices listed below are required when an application concerns the following funding opportunities:

- Academy Project funding
- targeted Academy Project funding
- funding for research posts as Academy Research Fellow or Postdoctoral Researcher
- funding for clinical researchers
- Academy Programmes (second application stage)
- funding for research post as Academy Professor (second application stage).

In targeted Academy Project funding, other appendices may also be requested. These guidelines do not apply to calls by the Strategic Research Council.

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices required](#) on our website. Make sure not to exceed the maximum length of appendices.

Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the curriculum vitae, which is appended under *Personal data/CV*.

#### Research post or individual project applications

Obligatory appendices:

- research plan, no more than twelve pages
- curriculum vitae for the applicant, no more than four pages (recommendation)
- list of publications by the applicant; clearly indicate the ten most important publications for the research plan
- data management plan
- Finnish degree certificate or English-language degree certificate of a doctoral degree obtained abroad (only in applications for funding for research posts as Academy Research Fellow or Postdoctoral Researcher) Please do not append any transcripts of records.

Case-specific appendices:

- invitation by foreign university or research institute, if the research or part of it will be conducted abroad; please do not append any letters of recommendation
- statement by an ethics committee or the Committee on Animal Experimentation; the ethical aspects must always be specified in the research plan
- progress report on all Academy-funded research projects headed by the applicant that have not submitted final reports
- only in applications for funding for research post as Academy Research Fellow or Postdoctoral Researcher in September 2016, if the mobility requirement is not met by the end of the call:
  - 1) A certificate of *invitation* to work that meets the mobility requirement no later than 31 March 2017.



2) Applicants must append a separate certificate of the above mentioned *completed mobility* to the application in the online services no later than 31 March 2017. We will not send out reminders to do so.

## Consortium applications

All consortium parties (consortium PI and subproject PIs) will draft their own applications, applying for funding only for their own research teams.

The various parts of the consortium application will be combined into a single consortium (created by the consortium PI) in the Academy's online services.

Appendices:

Appendices to consortium PI's application:

- joint research plan drafted in line with [consortium guidelines](#), no more than 15 pages
- statement by an ethics committee or the Committee on Animal Experimentation (if needed in a consortium subproject); the ethical aspects must always be specified in the research plan

The consortium PI and the subproject PIs will append the following appendices to their own applications, as necessary:

Obligatory appendices:

- curriculum vitae for the applicant, no more than four pages (recommendation)
- list of publications by the applicant; for each subproject PI, clearly indicate the ten most important publications for the application
- data management plan

Case-specific appendices:

- progress report on all Academy-funded research projects for which the applicant has not submitted final reports
- invitation by foreign university or research institute, if the research or part of it will be conducted abroad; if necessary, several invitations combined into the same appendix

For detailed guidelines, see [Guidelines for consortium application](#) on our website.

The consortium guidelines for the September 2016 call will be updated before the call opens.





## APPENDIX 1 B: APPENDICES TO APPLICATION IN WIFIOUS CALL

Append only the requested appendices to the application and make sure to draft them in line with the Academy's guidelines, see [Appendices required](#) on our website. Make sure not to exceed the maximum length of appendices. Draft the appendices in English and append them to the application in the online services under *Appendices*. The only exception is the Finnish PI's curriculum vitae, which is appended under *Personal data/CV*.

### 1. Appendices to application

Obligatory appendices:

- **research plan** (no more than 15 pages; also provide a bibliography), including:
  - a clear description of the proposed research and research collaboration (distribution of work and methods of implementation) and the added value to be expected from the collaboration
  - an account of the broader impact of the proposed research (indicated with a **separate heading**)
  - a joint budget, including separate budgets for both parties
  - a justification for the funding applied for
  - a description of any researcher training to be carried out within the project
  - a mobility plan detailing the project's national and international mobility plans during the funding period; describing the involvement of foreign researchers in the project; and explaining other ways in which the project transcends international, national, institutional and public/private sector boundaries
- **curricula vitae for the Finnish applicant and the foreign partner**; the CV for the Finnish applicant is appended under *Personal data/CV*; the CVs appended to applications to be submitted to the Academy of Finland must be drafted following the [template of the Finnish Advisory Board on Research Integrity](#).
- **lists of publications by the Finnish applicant and the foreign partner**; in both lists, clearly indicate the ten most important publications for the research plan
- **collaboration and management plan** (no more than three pages):
  - Describe the collaboration and management included in the project.
  - Designate the principal investigator of the project; that person will be responsible for project coordination and management and will act as the project's contact person.
  - Describe the management and research duties within the project.
  - Define each PI's required input to the project, and justify why each research team's joint contribution outweighs their individual efforts put together.
  - Describe the mechanisms by which the project will integrate all participating organisations and individual researchers and bring together students or early-career researchers with their colleagues in Finland and the US.
  - Present the project's schedule and indicate the parties responsible for each main task.
  - Make sure that the collaboration and management plan's length and details are proportional to the size of the project. The plan should be extensive enough to ensure that the project's Finnish and American parties will work together as one whole.
- **list of personnel and organisations involved**
  - Provide a list of the participating Finnish and American PIs, vice PIs, senior scientists, partners, consultants and researchers with a doctorate.
  - Number the list and include the following details in the following order:



person's name, organisation and task in the project. Separate each item with a semicolon and put each person on a separate, numbered line:

1. *Mary Smith; XYZ University; PI*
2. *John Jones; University of PQR; Senior Personnel*
3. *Jane Brown; XYZ University; Postdoc*

Case-specific appendices:

- invitation by foreign university or research institute, if the research or part of it will be conducted abroad
- statement by an ethics committee or the Committee on Animal Experimentation; the ethical aspects must always be specified in the research plan
- progress report on all Academy-funded research projects headed by the applicant that have not submitted final reports

## 2. Application by a US research team and a consortium of two or several Finnish research teams

In international calls for joint projects, applicants can consider submitting a consortium application only if their research team working in Finland, **in addition** to a foreign partner, has close collaboration with at least one other team working in Finland.

For detailed guidelines, see [Guidelines for consortium application](#) on our website. The appendices are appended only to the consortium PI's application. The consortium guidelines for the September 2016 call will be updated before the call opens.

**In addition, the following guidelines are applied to consortium applications in international calls:**

Consortium PIs also append to their application **the curriculum vitae for and the list of publications by the foreign applicant**. Foreign applicants must clearly indicate the ten most important publications for the research plan.

The research plan must include both **a joint cost estimate for the project and separate cost estimates for all parties**.



## APPENDIX 2 A: ACADEMY PROJECT FUNDING IN SEPTEMBER 2015 CALL, BY RESEARCH COUNCIL

The table shows the Academy of Finland's contribution to the funding of the projects' total costs. The Academy's contribution comes to no more than 70% of the total project costs. The amounts have been rounded to the nearest thousand. Subprojects of consortium applications have been counted separately.

Research council	Applications		Funding (€)	
	Number of applications	Success rate (%)	Granted, spring 2016	Average amount <sup>1</sup>
Biosciences and Environment <sup>2</sup>	263	15	17 613 000	450 000
Culture and Society <sup>3</sup>	412	12	24 656 000	404 000
Natural Sciences and Engineering <sup>4</sup>	542	17	38 242 000	420 000
Health <sup>5</sup>	237	13	13 390 000	446 000

<sup>1</sup> The average funding for consortium subprojects in spring 2016 was 326,000 euros. This average figure is based on the 69 consortium subprojects that received funding.

Between 2012 and 2016, the Academy's non-earmarked funding budget has been reduced by more than 40 million euros. At the same time, however, the number of applications has increased. For the decisions on the 2015 call, the Academy Board decided to allocate additional funds to the Academy's four research councils in order to raise the success rates to the levels shown in the table. The funds were freed from other Academy funding opportunities. It is likely that the Academy will have a tight budget for 2017 as well, and this will probably mean that the sums granted under the Academy Project funding scheme in autumn 2016 will be scaled down.

### Research councils' comments on size of Academy Projects

<sup>2</sup> *The Research Council for Biosciences and Environment* will grant each project a maximum of 700,000 euros.

<sup>3</sup> *The Research Council for Culture and Society* decides the level of funding separately each year based on the funds available to it. In 2013–2016, the Research Council's average funding was 404,000–504,000 euros per project.

<sup>4</sup> In the September 2016 call, *the Research Council for Natural Sciences and Engineering* plans to grant a maximum of 600,000 euros per project (150,000 euros per year) and no more than 1,000,000 euros per consortium. The Research Council plans to grant a maximum of 400,000 euros per consortium subproject (100,000 euros per year).

<sup>5</sup> In recent years, the *Research Council for Health* has granted a maximum of 500,000 euros per project under the Academy Project funding scheme.

For more information (e.g. previous funding decisions, review processes, research council policy), please see [Research Councils](#) on our website.



## APPENDIX 2 B: ACADEMY RESEARCH FELLOW FUNDING IN SEPTEMBER 2015 CALL, BY RESEARCH COUNCIL

Research council	Academy Research Fellow applications	
	Applications for salary funding	Success rate, spring 2016 (%)
Biosciences and Environment	117	10
Culture and Society	176	11
Natural Sciences and Engineering	236	9
Health	89	12

Over the five-year term, the salary grant amounts to 434,485 euros per Academy Research Fellow. The grant includes fixed indirect employee costs and an overheads percentage in accordance with the additional cost model. In spring 2016, funding was granted to a total of 65 new research posts as Academy Research Fellow.

## APPENDIX 2 C: RESEARCH COUNCILS' PRACTICES IN GRANTING FUNDING FOR RESEARCH COSTS OF ACADEMY RESEARCH FELLOWS

After receiving five-year Academy Research Fellow salary funding, the researchers concerned can also be granted funding for research costs. This funding is granted in two parts: first for three years and then for the remaining period. We will invite applications separately for this funding. However, a preliminary research cost calculation must be presented in the research plan when applying for salary funding.

*The Research Council for Biosciences and Environment's* research cost funding for new Academy Research Fellows amounts to an average of no more than 275,000 euros per three years and additional funding later on. The funding is decided on a case-by-case basis. For example, the Research Council may decide not to grant funding for research costs if the Academy Research Fellow has simultaneous Academy Project funding or Academy Programme funding for the same topic.

*The Research Council for Culture and Society* only grants funding for necessary research costs. The amounts vary depending on the field and the research to be conducted. The Research Council grants research cost funding to hire other researchers only if the project has justifiably required additional researchers from the very beginning. Academy Research Fellows may also be granted project funding under the Academy Project funding scheme.

In recent years, *the Research Council for Natural Sciences and Engineering* has granted no more than 70,000 per year in funding for research costs. The Research Council can also grant Academy Project funding to those who have received funding for a research post as Academy Research Fellow.



In recent years, *the Research Council for Health* has granted no more than 110,000 euros per year in funding for research costs. Those who have received funding for a research post as Academy Research Fellow will not be granted Academy Project funding as well.

## APPENDIX 2 D: POSTDOCTORAL RESEARCHER FUNDING IN SEPTEMBER 2015 CALL, BY RESEARCH COUNCIL

Research council	Applications		Funding (€)	
	Number of applications	Success rate (%)	Granted, spring 2016	Average amount <sup>1</sup>
Biosciences and Environment <sup>2</sup>	173	9	4 361 000	273 000
Culture and Society	353	9	7 810 000	260 000
Natural Sciences and Engineering <sup>3</sup>	397	11	10 566 000	252 000
Health	162	9	3 841 000	274 000

Please note that the Academy's contribution to funding in these decisions (spring 2016) came to no more than 70% of the total costs. The amounts have been rounded to the nearest thousand.

<sup>1</sup> The funding granted includes both salary and personal research costs.

<sup>2</sup> The funding granted by *the Research Council for Biosciences and Environment* towards the salary of a Postdoctoral Researcher is determined according to a maximum monthly salary of 3,500 euros.

<sup>3</sup> The funding granted by *the Research Council for Natural Sciences and Engineering* towards the salary of a Postdoctoral Researcher is determined according to a maximum monthly salary of 3,800 euros. Postdoctoral Researchers may also be granted project funding under the Academy Project funding scheme.

For more information (e.g. previous funding decisions, review processes, research council policy), please see [Research Councils](#) on our website.



### APPENDIX 3: CALCULATION OF SUPPORT TO INTERNATIONAL RESEARCHER MOBILITY 2016–2017

The Academy of Finland funds international researcher mobility:

- in research projects
  - **as a mobility allowance** for mobility from Finland as part of a project's (research projects, research posts) research costs (see Appendix 3 A of the September 2016 call text)
  - **as grants** to non-EU researchers coming to Finland on employment contracts shorter than a year (see Appendix 3 B of the September 2016 call text)
- with our funding opportunity [International researcher mobility based on bilateral agreements](#) as research grants or personal grants (see Appendices 3 B and 3 C of the September 2016 call text).

#### APPENDIX 3 A: CALCULATION OF MOBILITY ALLOWANCE IN RESEARCH PROJECTS

The mobility allowance, applied for as a research cost, *depends neither on the target country nor on the duration of the stay. It is a taxable benefit* and indirect employee costs will be deducted from it:

researchers without dependants: €1,050/month

researchers with dependants: €1,500/month

The mobility allowance is applied for as **a research cost for implementing the research plan** and as part of the original application of the project (e.g. Academy Projects, research programmes and research posts). The recommended amount should be enough to cover the costs of higher living expenses from living abroad.

The allowance is applied for in the online services under *Other costs*. Ticket costs for travel abroad are entered under *Travel costs*. If researchers and their families stay abroad for at least six months, funding can also be applied for to cover family travel costs.

The amounts are recommendations by the Academy and form the basis of the funding decision.



## APPENDIX 3 B: CALCULATION OF GRANTS TO FOREIGN RESEARCHERS WORKING IN FINLAND

This table is used both for applications for funding of research costs of projects and researchers and in the funding opportunity *Funding for international researcher mobility based on bilateral agreements (Mobility to Finland)*.

Short-term visits:	
Grants with compensation for accommodation €80–185/day (incl. personal grant €39 and maximum compensation for accommodation €147)	

Visits longer than one month, including compensation for accommodation:	
Master's degree or equivalent	1,600–1,800 euros/month
PhD or equivalent	1,800–2,500 euros/month
Professor	2,500–4,100 euros/month

A particularly outstanding visiting professor may be awarded a larger grant than indicated above.

The following guidelines apply to the funding **in research projects**:

- Grants can be awarded to non-EU researchers for a maximum of one year's research spell in Finland. Grants are not paid to EU citizens. While working in Finland, they must have an employment relationship.
- Grants are applied for in the Academy's online services under *Other costs*. Travel costs are entered under *Travel costs*.

The following guidelines apply to the **funding for mobility to Finland**:

- Grants can be awarded to non-EU researchers for a maximum of one year's research spell in Finland.
- Travel costs are entered under *Travel costs*.

The grant sums take into account the grantee's obligation to take out pension, accident and life insurance. For more information, see [Grant and scholarship recipients](#) on the Farmers' Social Insurance Institution's website.

We recommend that the grantee and the site of research consult the tax administration concerning any tax consequences possibly arising from the payment of the grant.



### APPENDIX 3 C: CALCULATION OF GRANTS FOR RESEARCHER MOBILITY (FROM FINLAND) BASED ON INTERNATIONAL AGREEMENTS

The Academy of Finland's funding opportunity *Funding for international researcher mobility based on bilateral agreements* is open for application each year in September. The personal grants are based on the international agreements signed by the Academy. **The special conditions and additional information concerning this funding opportunity are listed in the latest September call text.**

Country or region	Researchers without any grant or salary, €/month	Researchers with grant or partial salary, €/month	Researchers with full salary, €/month
South Africa	2 000	1 200–1 700	1 000–1 200
India	2 000	1 200–1 700	1 000–1 200
Italy	2 300	1 600–2 000	1 000–1 400
Japan	2 800	1 900–2 500	1 300–1 700
China	2 300	1 600–2 000	1 000–1 400
Germany	2 000	1 200–1 700	1 000–1 200
Taiwan	2 000	1 200–1 700	1 000–1 200
USA	2 300	1 600–2 000	1 000–1 400
Russia (Moscow)	2 800	1 900–2 500	1 300–1 700
Russia (other)	2 000	1 200–1 700	1 000–1 200
Others	1 000–2 300	500–1 700	300–1 000

When determining the grant amount, the sum may be increased as follows:

- by 15% if the researcher holds a doctorate and receives no other salary or fee
- by 20% if the researcher has minor dependants
- by a maximum of 20% if the local cost of living is exceptionally high and the researcher receives no other salary or fee.

Exceptional fluctuations in currency exchange rates can be taken into account in determining the grant amount.

Grants for mobility from Finland are intended to cover accommodation and living costs in the target country. Funding can also be applied for to cover travel costs (entered under *Travel costs*). If researchers and their families stay abroad for at least six months, funding can also be applied for to cover family travel costs.

The full cost model is not applied to this funding. Depending on the agreement, the funding is paid either as a grant directly to the researcher's own bank account, or as a research grant via the financial administration of the site of research.





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The grant sums take into account the grantee's obligation to take out pension, accident and life insurance. For more information, see [Grant and scholarship recipients](#) on the Farmers' Social Insurance Institution's website. For more information on grant taxation, see the [Finnish Tax Administration's website](#) (in Finnish) and their Memorandum of 27 Jan 2010, [New Universities Act and international situations](#) (in Finnish)



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## APPENDIX 4: OPEN SCIENCE – OPEN ACCESS PUBLISHING AND OPEN DATA

One of the Academy of Finland's science policy objectives is to promote open science. Openness is a key principle in all science and research. The Academy is keen to stress that openness, in practice, improves the overall quality and impact of research. Open science forms part of the principles of good scientific practice. The Academy is committed to promoting the practices outlined in Finland's national [Open Science and Research Roadmap 2014–2017](#) and to considering open science promotion in providing funding for research projects.

We require that Academy-funded projects commit to open access publishing. We also support projects in making their research data and methods freely available. The goal is to make research publications, data and material, metadata and methods widely available for further use. If researchers follow the principles of open science, they must do so with due consideration of research ethics and the judicial environment.

### Open access publishing

The Academy of Finland is keen to highlight the importance of quality in scientific publishing. We require that all Academy-funded researchers see to that all publications produced with funding from the Academy of Finland are made freely available, where possible. This requirement particularly concerns peer-reviewed scientific articles.

Researchers can publish their articles following **either green or gold open access**.

**Green open access** means that researchers publish their articles in traditional subscription-based scientific journals and store parallel copies in machine-readable format in online open access repositories or databases. The Academy allows for an embargo period following the practices of international funders. The embargo is no more than six months, except in the humanities and social sciences where it is no more than twelve months.

**Gold open access** means that a publication is immediately provided in open access mode through a high-quality open access publication channel, that is, an open access journal. In this case, the publisher is responsible for providing the article in open access mode immediately. The publisher may charge an open access fee (article processing charge). This fee may be included in the research costs of the project.

The Academy does not recommend that researchers publish their work in **hybrid open access** journals. Hybrid journals may charge both an open access fee and a subscription fee.

Academy funding is also available for research costs arising from publishing of research results. This funding is applied for on the online form under *Funding for the project/Services* and justified in the research plan under *Publication plan*.

### Open data

We require that principal investigators of Academy-funded research projects see to that the projects data are stored and made available through major national or international archives or storage services that are important in the fields concerned.



Data may for justified reasons, however, come in varying degrees of openness, ranging from fully open to strictly confidential.

The research project concerned and the publisher of the data must ensure that publishing the data will not be in breach of the Finnish Act on the Openness of Government Activities, the Finnish Personal Data Act or the Finnish Copyright Act. When making data openly available, the parties involved must also consider licensing issues.

Archives and storage services are provided by, for instance:

- the [Finnish Social Science Data Archive \(FSD\)](#); FSD also accepts data from the humanities and health sciences, for instance
- the [FIN-CLARIN consortium](#)
- the [Open Science and Research Initiative](#) of the Ministry of Education, Science and Culture:
  - AVAA open data publishing portal
  - Etsin research data finder
  - IDA research data storage service
- [CERN's Zenodo service](#)
- the [EUDAT data infrastructure](#).

The Academy of Finland requires that applications to be submitted to the Academy include a data management plan for the research project or research infrastructure concerned. As of the September 2016 call, the plan is appended to the application as a separate appendix. See Appendix 5 of the September 2016 call text for guidelines on how to draft the data management plan.

#### **More information on open science**

- [Open Science and Research Initiative](#), e.g. the Open Science and Research Handbook
- Open Science and Research Roadmap 2014–2017
- [Finnish Social Science Data Archive \(FSD\)](#)
- [FSD data management guidelines](#)
- [Publication Forum's classification of scientific publication channels](#)



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## APPENDIX 5: GUIDELINES FOR DRAFTING A DATA MANAGEMENT PLAN

As of the September 2016 call, applications to be submitted to the Academy of Finland must include as a separate appendix a data management plan, describing how the project will manage its research data and how the data will be made available upon project completion. The plan should not be longer than 1–2 pages.

If your project will not produce any research data to be stored, please provide a brief account of the situation in the appendix. You should submit the appendix even though no data will be produced. The information in the appendix is completed where applicable.

Draft the data management plan according to the structure below or by using the data management planning tool Tuuli (DMPTuuli, see the link below). The questions and guidance in DMPTuuli are similar as those provided here, but DMPTuuli may also include additional, university-specific guidelines.

On the first page of the plan, write the applicant's (the PI's) name, research topic and application number. Also remember to date the plan.

### **The data management plan must include the following information:**

#### **1. Collaborators** (archives, storage services, etc.)

With which collaborators will the data be managed and made openly available?

#### **2. Type of data**

What types of data (e.g. qualitative, quantitative, measurements) will the project collect or use? The data content is described in more detail in the research plan.

#### **3. Technical documentation**

How will the data be documented? For example, what file format and metadata standard will be used?

#### **4. Ethics and legal compliance**

How will ethical issues concerning data management (e.g. sensitive personal information, third-party access to data) be taken into account? How will copyright and IPR issues be managed?

Please note that the ethical issues that concern data collection and research implementation are described in the research plan.

#### **5. Data sharing and long-term preservation**

How will the data be made available for subsequent use by other researchers?

More information:

### **TUULI and DMPTuuli**

The data management planning tool Tuuli (DMPTuuli) helps researchers manage and share their data as well as meet funding agency requirements. In practice, the tool



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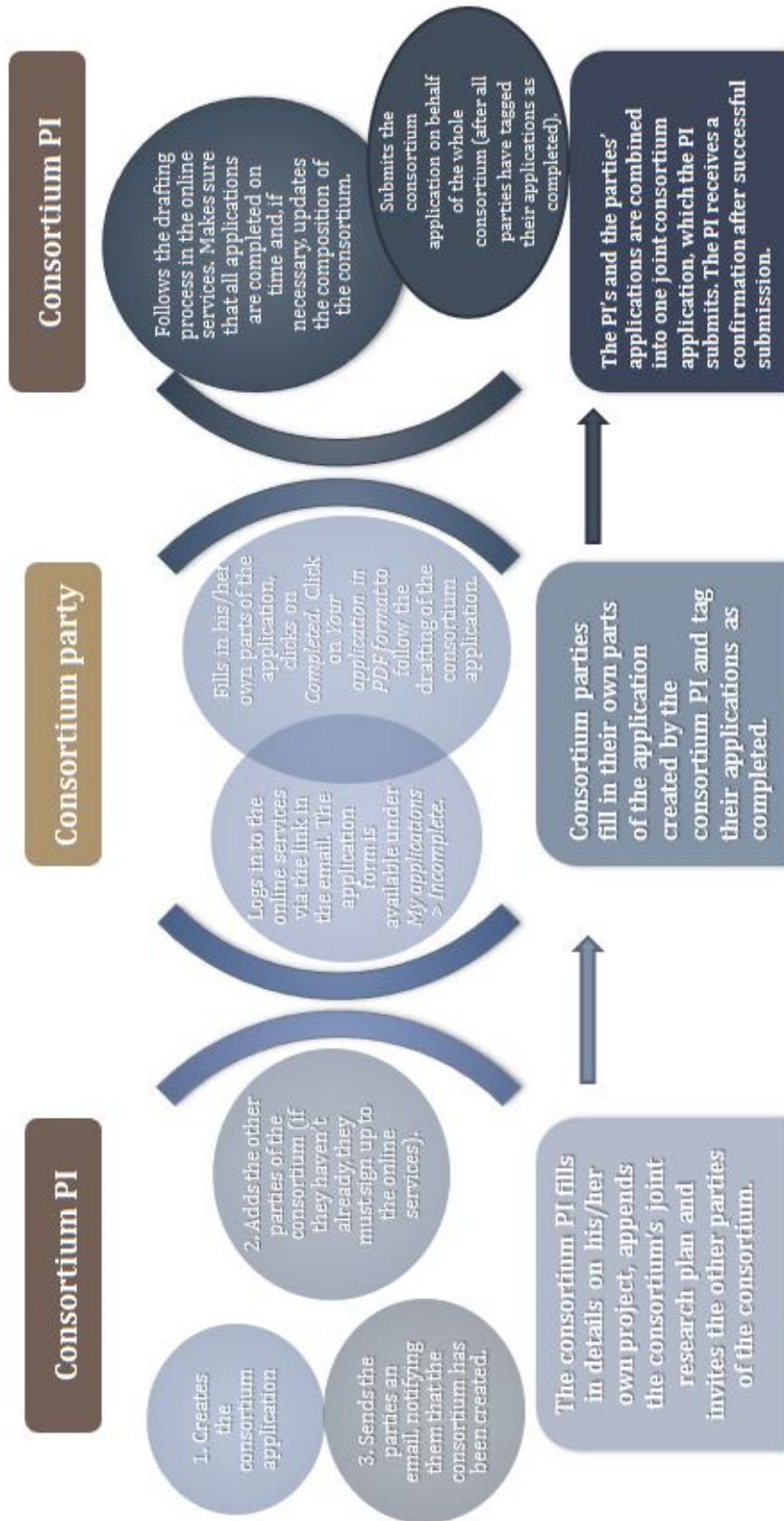
will help researchers write data management plans. [DMPTuuli](#) is provided by the Tuuli project of the Finnish Ministry of Education, Science and Culture.

**For background information and examples** of collaborators for data management, please see Open science on the Academy of Finland's website.



**APPENDIX 6: HOW TO SUBMIT A CONSORTIUM APPLICATION (FIRST AND SECOND CALL STAGE)**

**How to submit a consortium application in the Academy's online services**





## APPENDIX 7: MOBILITY REQUIREMENT FOR ACADEMY RESEARCH FELLOW AND POSTDOCTORAL RESEARCHER APPLICANTS

These questions and answers were updated on 27 June 2016 and refer to the conditions applicable at that time. [Check the latest guidelines on our website.](#)

### Mobility since PhD completion is required

Researchers need a wide range of experience from working in different research environments to be able to increase their independence. By working in different kinds of research groups or in other research-related positions, researchers can further strengthen their personal networks and improve their chances of securing research positions or other expert tasks. For today's researchers, it is also important to be able to acquire new methodological skills and adopt new means of communicating with people with different backgrounds. Wide-ranging expertise can help to increase the impact of research and promote science renewal, which are among the Academy of Finland's most important strategic objectives in addition to improving scientific quality.

As of the September 2016 call, applicants for funding for research posts as Postdoctoral Researcher and Academy Research Fellow will be required to apply for funding for a post in **a research environment other than the one in which they worked while completing their doctoral thesis**. Here, 'research environment' refers to the local research community or group in which the researcher works.

Applicants may also apply for a post located in **the same research environment**, provided that they have at least six months of work experience from some other organisation after PhD completion. The six-month requirement must have been met by the end of the call deadline. In connection with the Academy's September 2016 call, however, the requirement must have been fulfilled by the end of March 2017. The Academy will follow these schedules now as the new requirements enter into force for the first time.

The following cases are regarded as working somewhere else:

- all research work that has been performed in an organisation other than the one at which the applicants worked on their doctoral thesis
- work that has been performed in an organisation other than a research organisation and that supports the applicant's research.

## FREQUENTLY ASKED QUESTIONS

### 1. To whom does the mobility requirement apply?

The requirement is automatically met if the applicant applies for funding for a research post in a new research environment.

If the application concerns the same research environment where the applicant worked while completing their doctoral degree, the applicant must have at least six months of research experience from another research environment or research-supporting experience from another sector since PhD completion. The experience may have been gained over several spells; the two longest spells must equal at least six months.



## 2. To whom does the requirement not apply?

The mobility requirement does not apply to those applying for funding for a research post a research environment other than the one at which they completed their doctoral thesis – in other words, it does not apply to applicants who are changing research environments.

In addition, the requirement does not apply to postdoctoral researchers hired with other Academy funding (such as those hired within Academy Projects). It of course does not apply to those who have worked somewhere else for at least six months since PhD completion.

In very exceptional cases, the Academy may make an exception for individual applicants. For instance, an exception can be made in the case of severe illness (either the applicant's or a close relative's) that significantly impedes the applicant's mobility.

In these exceptional situations, applicants must get in touch with the contact person at the Academy before submitting the application. The contact persons are named in the call text.

## 3. What counts as a different research environment?

Here, 'research environment' refers to the local research community or group in which the researcher works. The research environment is often located within a single organisation, but it may also extend to several organisations. A single site of research (university, research institute, etc.) may include more than one research environment. This means that it is possible to change research environments within the same site.

## 4. What does 'working somewhere else' mean?

The key criterion is that if the applicant will continue at their former site of research, they must have gained **experience from outside their previous research environment**. The experience may have been gained in Finland or abroad.

The six-month requirement may be fulfilled by, for instance, working in another research team, institute or association, in administration, the business sector or an occupation that is legitimately linked to the proposed research or that contributes to promoting the research career.

Work somewhere else can also refer to working on a grant or through some other arrangement in some other environment than the physical research environment that the application concerns. For example, applicants may have worked at a foreign university with funding from their own university. Working in a collegium of researchers may also be eligible as work somewhere else if the researcher in question has changed work communities. The requirement is also met if a person changes to an entirely different research team within the same university.

The funding source of the six-month work period is irrelevant.





**5. What is required from those who are applying for a post in the same research environment in which they worked while writing their dissertation?**

In their applications, applicants must give an account of their work experience **since PhD completion**. It is essential that applicants have gained experience of working outside their previous research environment.

**6. Must the applicant have had an employment contract to the organisation at which the work experience was gained?**

No, that is not a requirement. This means that working on a grant, for instance, may count towards the required six months.

**7. When must the six months have been completed? What must I do to prove it?**

The required mobility period of at least six months must have been completed **after the PhD certificate was issued (and by the end of September)**. The work may have been performed over several spells. However, the two longest spells must equal at least six months.

**In the September 2016 call, we will exceptionally** also take into account work that can be proven with an invitation. The invitation must be presented to us before the call closes. The invitation is submitted as an appendix to the application. Applicants who are basing their application on mobility that will take place between 29 September 2016 and 31 March 2017 will be asked to provide a work certificate, and the certificate must be added to the application no later than 31 March 2017. The six-month mobility period must have been completed by 31 March 2017, too.

**8. How will part-time work be taken into account?**

Part-time employment will count towards the required mobility period of six months. For example, if the researcher has worked on a 50 per cent contract, the total work period must cover twelve months.

**9. Would I be eligible to apply if I started my funding period by visiting another university but if the site of research (which manages the funding) were the same research environment where I completed my PhD?**

If you are applying for funding to the same research environment in which you worked while completing your PhD, we will require that you meet the mobility requirement by 31 March 2017. Plans for future mobility will not affect eligibility to apply.



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## About this call for applications

This call for applications is based on the criteria for research funding decisions by the Academy of Finland that are annually approved by the Academy Board. The calls that will open in September 2016 come under the criteria adopted on 30 May 2016. As regards granting funding for clinical researchers, the document needs to be further revised. The document is available [on our website](#) (in Finnish).

The call for applications is prepared by a working group responsible for communication on the Academy's funding calls. Vice President for Research Marja Makarow approved the Finnish-language call for applications on 28 June 2016.

If any questions arise concerning the accuracy of information presented in the translated version of the call for applications, please refer to the official Finnish version.

The Academy of Finland's next main application round is in April 2017. The April call for applications (in Finnish, Swedish and English) will be posted on our website in March. Applications can be submitted between 3 and 26 April 2017 (TBC).

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Website	<a href="http://www.aka.fi/en">www.aka.fi/en</a>
More information	Contacts listed in this call for applications ( <a href="#">firstname.lastname@aka.fi</a> )
Questions and feedback	Questions and feedback on our website

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