

**ACADEMY OF FINLAND**

**CALL FOR APPLICATIONS**

**SEPTEMBER CALL 1–27 September 2017**

**Call closes at 16.15 local Finnish time.**

The Academy of Finland funds cutting-edge, responsible and high-impact research and promotes 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 promote the internationality of research and good scientific practice. We require that the researchers and sites of research we fund follow the research-ethical guidelines of the Finnish Advisory Board on Research Integrity.

In 2017, our funding for research amounts to 437 million euros. Part of our funds (€70.7m in 2017) come from proceeds of Finland's national gaming company Veikkaus.

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 for 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 for Academy Programme and targeted Academy Project funding.

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

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

### What?

A list of Academy 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 our 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 often 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 GUIDELINES FOR APPLICANTS

#### In a nutshell

The Academy of Finland grants funding in open competition for research of the highest possible quality. We offer many different funding opportunities, and you can apply for funding to

- 1) hire a research team, either under an open theme (e.g. Academy Project funding) or under a specific, pre-determined theme (e.g. Academy Programmes and other targeted opportunities)
- 2) cover your own salary for research under an open theme (e.g. Academy Research Fellow grants and Postdoctoral Researcher grants)
- 3) improve research environments (e.g. SRC matching funds for Horizon 2020 and funding to strengthen university research profiles).

Because different funding schemes have different objectives, we have set conditions that determine who can apply for our funding and what the funds can be used for. These conditions are specified in the call text separately for each funding opportunity. A common feature of all Academy funding is that the funding is always paid to and via a site of research (usually a university or research institute) that follows the Finnish Act on Discretionary Government Transfers. Before you submit your application to the Academy, you must check with your site of research that you will obtain their commitment to the research.

Applications can be submitted only when calls are open. Make sure to draft your application following the guidelines we have provided and submit it via our online services. An application consists of an application drafted in the online services and its appendices (research plan, curriculum vitae, list of publications, etc.).

You should also read our [step-by-step guide to applying](#), which is a rundown of the most important steps in submitting an application to the Academy. Another important section on our website that you should familiarise yourself with is [How applications are reviewed](#).

#### Are you eligible to apply?

If you want to apply for research funding from the Academy of Finland (the term we use for applicants is 'principal investigator'), you must be a researcher with a doctoral degree or a researcher at the professor or docent level. In some of our funding opportunities, the applicant is a university or research institute. Any other possible types of applicants (such as in the case of mobility grants based on bilateral agreements) will be specified separately for each funding opportunity concerned.

We allocate funding based on peer review to the best researchers and research teams and to the most talented early-career researchers to support them in carrying out scientifically ambitious projects. In principle, the projects we fund must benefit Finnish research and society and international collaboration.

Our funding is paid to and via a site of research (usually a university or research institute) based in Finland. As an applicant, you must have a close connection with Finland to support the implementation of a multi-year project. You must describe this connection in the application. Academy funding can be granted to foreign sites only in



exceptional cases, such as in the case of international research infrastructure projects. Academy-funded researchers may however spend time working abroad during their funding period.

### Restrictions related to applying

We will not process a funding application if the applicant has been found guilty of research misconduct in the three years preceding the year of the call.

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

In the same application round, we will review only one application per applicant in each 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 research post as clinical researcher.

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.

### 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 expenses
- national and international collaboration and mobility
- preparation of international projects
- publishing (e.g. costs of open-access publishing).

As a rule, staff hired with Academy research funding must have an employment relationship. We recommend that they be hired for a period of employment no shorter than the funding period, unless a shorter contract is necessary for special reasons dictated by the implementation of the research project. Short-term research, study or other assignments may also be carried out in the form of outsourced services, if it is determined to be necessary for the project.

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](#).

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, provide a **cost estimate** including an estimate of the annual amount of funding needed, itemised by type of expenditure. Include also a **funding plan**, that is, all funding granted for the project as well as 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**.

### Follow good scientific practice

Academy-funded research must be conducted following the principles of good scientific practice (promoting open science, promoting equality and nondiscrimination, treating research-ethical issues appropriately, and considering principles related to IPRs). The principles of sustainable development should also be considered.

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

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 same guidelines.

We also recommend that you follow the European Code of Conduct for Research Integrity. ALLEA (All European Academies) published the revised edition of the Code of Conduct [on its website](#) in spring 2017.

### We fund researcher mobility

The Academy of Finland funds international researcher mobility:

- in research projects (e.g. Academy Projects, projects in Academy 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 dependent children: €1,500/month
    - researchers without dependent children: €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 2017 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.

#### 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. For the salary costs to be





eligible, the **PI's tasks must be clearly specified** 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 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*. The funding cannot be used for this purpose unless it is mentioned in the terms and conditions included in the funding decision.

## 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. Applicants must describe this at the application stage.

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

### What is a consortium (in Academy Project calls, Academy Programme calls and targeted calls)?

**In calls that concern funding for research projects** (Academy Project funding, Academy Programme funding and targeted funding), principal investigators apply for funding **for their research teams**. **In calls that concern personal funding** (e.g. funding for research post as Academy Research Fellow, Academy Professor, Postdoctoral Researcher or clinical researcher), researchers apply for funding independently **for themselves** and with their own research plan.

In calls for research projects, funding may be applied for (or the Academy may require that funding is applied for) as **a consortium, a fixed-term body of independent subprojects** that work under a joint research plan. By coming together as a consortium, projects may tackle more extensive research problems, for instance.

From the perspective of the Academy's application process, **a consortium is an application built around a joint research plan, 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 therefore not regarded as consortium parties. This applies to, for example, foreign research organisations; the Academy cannot grant funding to foreign research organisations. Under *Partners* on the application form, 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. The funding, however, is granted to each subproject separately.

The cost estimate and funding plan presented in the consortium application must be drafted considering possible consortium size restrictions and the total funding available for the call concerned.

Appendix 6 of the September 2017 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 tagged their applications as complete. This procedure applies to consortium applications for both letters of intent (first call stage) and full applications (second call stage). Consortium compositions cannot be changed after the call deadline has expired.

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

Read more under [Guidelines for consortium application](#) on our website.

## Read the review criteria

Our funding is based on a review of the scientific merits of the research plan and the applicant. We mainly use foreign experts as reviewers. As an applicant, you have the right to submit your application in Finnish or Swedish, **but we ask you to submit it in English** 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.

We continuously strive to improve our review process. Read more about how the process works on our website at [How applications are reviewed](#) and [Guides for reviewers](#). The criteria applied in the review are presented under [Review criteria](#). Please familiarise yourself with the criteria and guidelines as well as with any additional guidelines on [the research councils' pages](#).

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

## About the research plan, other appendices and the online form

### 1) Follow the guidelines on appendices to the application

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](#)).

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

Draft your 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, your research career stage and the practices of your scientific discipline. The CV is a concise presentation of your most important scientific merits in relation to the call concerned. We recommend that CVs be no more than four pages long.

## **Guidelines about the research plan**

### **Structure the research plan according to the guidelines**

To ensure the uniformity and quality of reviews, applications must be comparable. Your research plan should provide answers to [the questions raised in the review](#). Therefore, the plan should follow the structure provided.

Read more under [Research plan guidelines](#) on our website. Below is a description of some parts of the research plan.

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

The ethical issues of the research must always be described in the research plan (under *Ethical issues*); they are examined as part of the scientific review. See the [guidelines of the Finnish Advisory Board on Research Integrity](#).

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 also recommend that you follow ALLEA's European Code of Conduct for Research Integrity.

### **The application includes a publication plan**

The application must include **a publication plan**, which forms part of the research plan and promotes the principles of open science. Make sure to draft a realistic publication plan and present it under item 3 C of the research plan.

### **Research plans should describe both scientific impact and impact beyond academia**

The research plan should include descriptions of both the research project's scientific impact and its expected impact beyond academia. Include these descriptions under item 3 B of the research plan. Impact beyond academia may come in many different forms depending on the research field and the project. Science is a source of wealth and prosperity, but it also improves our understanding of the world and enhances the level of civilisation, supports the development of good practices and informs decision-making.

## **2) Fill in the online form as requested**

You must describe your mobility, collaborators and use of research infrastructures in the application and justify these in the research plan.



### **Include a mobility plan**

In the application under Mobility, describe how the project's researchers will be mobile in Finland and abroad during the funding period to support the implementation of the research plan. Justify the mobility destinations in the research plan.

Detailed mobility guidelines for those applying for funding for a research post as Postdoctoral Researcher or Academy Research Fellow are available in Appendix 7 of the September 2017 call text.

### **Collaborators for which funding will not be applied**

Under *Partners* on the application form, describe how other Finnish or foreign researchers working with their own funding will contribute to the project. (This does not apply to consortium parties in the case of consortium applications.)

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

Under *Research infrastructures*, describe which international and national research infrastructures you will use and how this will benefit the project. Select national roadmap infrastructures from the menu or enter other infrastructures under *Other*.

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 at [infras.openscience.fi](https://infras.openscience.fi) and on our website under [Research infrastructures](#).

## **1.2 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 2017 call can be drafted and submitted in the online services as of Friday 1 September 2017. The deadline for applications is Wednesday 27 September 2017 at 16.15 local Finnish time, unless the call text indicates otherwise. The non-negotiable call deadline also applies to consortia. Please note that consortium PIs can submit the consortium application only after all consortium subprojects have tagged their applications as complete. 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 confirm a 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, append them in PDF format 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 our [How-to guide](#). If you run into problems in the online services at the time of submission, please contact us (the contact persons are named in the call text) before the deadline expires, either by phone or via [Questions and feedback](#) on our website.

### **Supplement the application if necessary and always notify us of other funding**

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. You will not receive any confirmation message when you supplement and re-save an application.

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 so that you can add the missing information. Make sure to re-submit the application after you have supplemented it. You will receive an email confirmation after the resubmission.

Instructions on how to supplement a consortium application are available [on our website](#).

We will take into account the additions 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 summary of the key points of the research. Read more under [Public description of project](#) on our website. The description must not exceed 1,000 characters. The public description is not the same as the scientific abstract included in the application; the abstract must not exceed 2,500 characters.

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**



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**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.

### 1.3 GUIDELINES FOR SITES OF RESEARCH

#### Terms and conditions for funding

Academy funding is granted following the Finnish Act on Discretionary Government Transfers and the Academy's general conditions for funding.

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

We allocate the funding to the researcher's host organisation. 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. Staff to be hired with Academy research funding must have an employment relationship with the site of research or the organisation receiving the funding.

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.

Our general funding conditions are the same irrespective of whether the case involves a central government organisation or a recipient of discretionary government transfers.

**The funding is regarded as a discretionary government transfer if the recipient is a nongovernmental organisation** (e.g. university, independent public institution, municipality, joint municipal authority, association, business, foundation, foreign organisation or private individual). The funding is allocated to the host organisation – not the researcher – and the organisation is thus 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.

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

#### **We fund research organisations**

A research organisation refers to an organisation whose primary goal is to conduct independent basic research, industrial research or experimental development or to disseminate its results widely by means of education, publication or knowledge transfer. Research organisations include higher education institutions or research institutes, which are funded according to the Finnish Act on Discretionary Government Transfers and the Academy's general funding conditions.

#### **Academy funding to non-research organisations**

The primary goal of non-research organisations is related to other activities than independent research or dissemination of research results. As a rule, the Academy



does not grant funding to support economic activity. Economic activity is defined as all activity where goods or services are offered on an open market.

We may also grant funding to non-research organisations, but only if it can be granted in keeping with the EU's state aid rules in the form of de minimis aid. All aid granted by authorities in an EU country to such organisations that does not exceed 200,000 euros per three fiscal years can be regarded as de minimis aid. The funding also comes under the Finnish Act on Discretionary Government Transfers and, where applicable, the Academy's general funding conditions. Please contact us if you intend to apply for funding for non-research organisations.

### **Business collaborators in Academy-funded projects**

If an Academy-funded project involves cooperation with business companies that are not funded by the Academy, the project must follow special terms and conditions regarding business cooperation. The aim of the terms and conditions is to prevent indirect state aid to business companies. Read more in the Academy's general funding conditions (item 10.1).

Where an Academy-funded project involves cooperation with business companies, the terms and conditions of the project, in particular as regards contributions to its costs, the sharing of risks and outcomes, the dissemination of results, and access to and allocation of IPRs, must be concluded in writing before the start of the project.

### **What are co-funding, full costing and the 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-funded activity by contributing their percentage of the costs.

**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.

In your application, you must provide 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. In some funding opportunities (e.g. funding to strengthen university research profiles and SRC funding programmes), exceptionally, the Academy's contribution is 100%.

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 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 following **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.

Costs related to storing and sharing research data are also regarded as belonging to the overheads of the site of research at the research project's host organisation. Check the contents of the commitment text from the Academy's online services when the call opens.

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 any 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 assume all related obligations.

#### 1.4 WE NOTIFY APPLICANTS AND SITES OF RESEARCH OF THE 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.

As an applicant, **you 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.

#### 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.

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 ready to use.



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## FUNDING OPEN FOR APPLICATION IN SEPTEMBER 2017

### 2. FUNDING FOR RESEARCH TEAMS

#### 2 A: OPEN THEMES

##### 2.1 ACADEMY PROJECT FUNDING, ALL RESEARCH FIELDS

###### Aim

When you apply for Academy Project funding, you apply for funding to hire a research team.

The Academy Project funding scheme is designed to promote the quality and diversity of research, scientific impact and impact beyond academia 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 researchers hired to the project work abroad for a fixed period. The project may also hire foreign researchers who already work or who will work in the Finnish scientific community.

###### Who is eligible to apply?

If you want to apply for Academy Project funding, you must (in addition to being the principal investigator on the project) be **a researcher with the qualifications of a professor or docent**.

If you do not have an employment relationship with, for example, a university or research institute, you must give an account of how your salary will be covered during the funding period. If your status changes after you have submitted your application, please notify us immediately. These details must be accounted for in the application.

###### 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. costs of open access publishing).

See Appendix 2 A of the September 2017 call text for the average Academy Project funding granted in spring 2017.



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## Funding period

As a rule, the funding is granted for four years, starting on 1 September 2018.

## 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 pages 6–7 of the September 2017 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. The Academy has four research councils and they may apply different funding policies; [read more on our website](#).

In the September 2017 call, however, a PI who has an ongoing project with Academy Project funding ending on 31 December 2018 can be granted Academy Project funding as of 1 September 2018.

Directors, vice directors and team leaders of Academy-funded Centres of Excellence (CoE) 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 2017 call text.

## How to apply

The non-negotiable deadline for applications is 27 September 2017 at 16.15 local Finnish time. 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 joint consortium application only after all consortium subprojects have tagged their applications as complete. The non-negotiable call deadline also applies to consortia. Consortium compositions cannot be changed after the call deadline has expired.

## Contacts

Biosciences and Environment Research Unit:

- Senior Science Adviser Jaana Lehtimäki, tel. +358 295 335 060



- Senior Science Adviser Kata-Riina Valosaari, tel. +358 295 335 128
- Science Adviser Timo Sareneva, tel. +358 295 335 106

Culture and Society Research Unit:

- Science Adviser Otto Auranen, tel. +358 295 335 141
- Science Adviser Satu Huuha-Cissokho, tel. +358 295 335 075
- Science Adviser Helena Vänskä, tel. +358 295 335 036

Natural Sciences and Engineering Research Unit:

- Science Adviser Samuli Hemming, tel. +358 295 335 024
- Science Adviser Jenni Heino, tel. +358 295 335 030
- Science Adviser Teppo Häyrynen, tel. +358 295 335 043
- Science Adviser Timo Lehtinen, tel. +358 295 335 054
- Science Adviser Jukka Tanskanen, tel. +358 295 335 071

Health Research Unit:

- Science Adviser Kati Takaluoma, tel. +358 295 335 150
- Science Adviser Vera Mikkilä, tel. +358 295 335 048

## **2 B: SPECIFIC THEMES**

### **2.2 ACADEMY PROGRAMME FUNDING**

#### **2.2.1 ACADEMY PROGRAMME FOR DEVELOPMENT RESEARCH**

The Academy Programme for Development Research is intended to provide funding for multidisciplinary, phenomenon-driven and problem-based research that is concerned with issues of global development, that benefits developing countries' economic, social and ecological development, and that puts to good use Finnish knowledge and expertise. Its purpose is to work towards achieving the Agenda 2030 Sustainable Development Goals as adopted by UN Member States. The aims of the Academy Programme for Development Research are to:

- produce new research-based knowledge on issues of global development, the causes and mechanisms of poverty and inequality in developing countries, and to find ways to remove obstacles to development and to improve conditions for development
- strengthen and renew high-quality phenomenon-driven and problem-based development research in Finland in the long term
- support cooperation and research between universities and research institutes in Finland and in developing countries
- strengthen the research capacity of universities and research institutes in developing countries
- meet the objectives of Finnish development policy and the Agenda 2030 Sustainable Development Goals: to end poverty and to reduce inequality in the world
- disseminate new research-based knowledge for more informed decision-making and implementation, to make research-based knowledge more readily available



among stakeholders and the general public, and to support improved application of research-based knowledge

- bring together scattered strategic research capacities in Finland
- promote interdisciplinary cooperation in the field of development research
- advance the international networking of Finnish development research.

## Themes

The programme has three main research themes:

- economic development in developing countries (jobs, livelihoods)
- creating a better-functioning society (welfare, health, education, human rights)
- food security, biodiversity, environmental health and natural resources.

Eligible research projects are to address one or more of these research themes. Furthermore, it is required that the projects support the achievement of the Agenda 2030 goals and support the management of changes that will benefit poor people and promote equality primarily in least developed and fragile countries. In their research plans, applicants are required to identify which Agenda 2030 goals their project addresses and what impacts their project will have in developing countries.

## Who is eligible to apply?

The funding can be applied for by both individual research teams and consortia composed of two or several research teams.

## Funding

Projects will be awarded with funding for four years, starting on 1 February 2018. Total programme funding is 6 million euros. The Academy of Finland has earmarked up to 3 million euros for the programme and the Ministry for Foreign Affairs will contribute an additional 3 million euros to the total funding budget.

Individual research teams may apply for a maximum of 600,000 euros for four years. Consortia will receive a total of no more than 1 million euros per consortium for four years.

## Programme memorandum

The programme memorandum contains more details on the programme's background, aims, thematic areas and review criteria. It also contains information about the international cooperation required of projects, the special criteria for applications and the funding principles.

The programme memorandum is available on our website at [www.aka.fi/kehitystutkimus](http://www.aka.fi/kehitystutkimus) > EN. Carefully reading through the memorandum ensures that you can submit a competitive application.

## Appendices to application

The required appendices are listed in Appendix 1 A of the September 2017 call text. In addition, the application must include a letter of commitment from collaborators and an interaction plan. The contents of the interaction plan are described in the programme memorandum.



## How to apply

The Academy Programme for Development Research has a single-stage call. Please note the nonstandard call schedule. The non-negotiable **deadline for applications is 16 October 2017 at 16.15 local Finnish time**. Draft the application in [the Academy's online services](#). Select *Open calls* > **Academy Programme for Development Research**.

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 joint consortium application only after all consortium subprojects have tagged their applications as complete. The non-negotiable call deadline also applies to consortia. Consortium compositions cannot be changed after the call deadline has expired.

## Contacts and more information

- Programme Manager Mikko Ylikangas (Academy Programme Unit), tel. +358 295 335 143
- Science Adviser Riitta Launonen (Culture and Society Research Unit), tel. +358 295 335 059
- Project Officer Erika Lempiäinen (Academy Programme Unit), tel. +358 295 335 101
- [www.aka.fi/kehitystutkimus](http://www.aka.fi/kehitystutkimus) > EN

### 2.2.2 NOVEL APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN PHYSICAL SCIENCES AND ENGINEERING RESEARCH (AIPSE)

The importance of new, data-based methods in research, administration and industry is growing. The rapid development of methods that harness artificial intelligence (AI) owes much to the advances achieved in areas such as machine learning, pattern recognition and data mining. Other factors contributing to the rise of AI include the increase in available training data and the exponential growth of computing power. These new methods have broad application prospects in scientific research, especially in new kinds of multidisciplinary collaborations.

The Academy Programme for Novel Applications of Artificial Intelligence in Physical Sciences and Engineering Research (AIPSE) will explore the utilisation of machine learning and AI in physical sciences and engineering research. The programme will seek new initiatives particularly in the field of materials science, including biomaterials.

## Who is eligible to apply?

The funding can be applied for by both individual research teams and consortia composed of two or several research teams.

## Funding

Projects will be awarded with funding for up to four years, starting on 1 January 2018. Each individual project will be granted a maximum of 500,000 euros and each consortium a maximum of 1 million euros in Academy funding. The Academy Board





has set the programme's funding budget at 7 million euros. **Programme memorandum**

The programme memorandum contains more details on the programme's background, aims, thematic areas and review criteria. The memorandum will be available at [www.aka.fi/AIPSE](http://www.aka.fi/AIPSE) > EN. Carefully reading through the memorandum ensures that you can submit a competitive application.

### How to apply

The AIPSE Academy Programme has a single-stage call. The non-negotiable deadline for applications is 27 September 2017 at 16.15 local Finnish time. Draft the application in [the Academy's online services](#). Select *Open calls* > **AIPSE 2017**.

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 joint consortium application only after all consortium subprojects have tagged their applications as complete. The non-negotiable call deadline also applies to consortia. Consortium compositions cannot be changed after the call deadline has expired.

### Appendices to application

The required appendices are listed in Appendix 1 A of the September 2017 call text.

### Contacts and more information

- Programme Manager Tommi Laitinen (Academy Programme Unit), tel. +358 295 335 057
- [www.aka.fi/AIPSE](http://www.aka.fi/AIPSE) > EN

#### 2.2.3 ARKTIKO ACADEMY PROGRAMME: JOINT CALL IN ARCTIC RESEARCH (ACADEMY OF FINLAND AND RFBR, RUSSIA)

The Academy of Finland and the Russian Foundation for Basic Research (RFBR) have decided to open a joint call in the field of Arctic research. The call has four themes:

- Changing Arctic climate, changing diseases
- Ecosystem adaptation to the rapidly changing Arctic
- Information technologies for exploration and geomonitoring in the Arctic
- Youth's coping strategies in industrial towns in the north.

The aim is to support excellent, long-term and systematic research collaboration with a view to promoting the creation and strengthening of research networks between Finland and Russia. Applications submitted to this call must include research teams from both Finland and Russia. Funding will be granted for three years (2018–2020).

Finnish teams apply for funding from the Academy of Finland following the Academy's guidelines and Russian teams apply for funding from the RFBR following RFBR guidelines. The funding decisions are made by the Academy and the RFBR



jointly so that project parties receive funding from their own national funding agency. Both applications must include identical project titles and research plans.

The Academy has earmarked a total of 1.8 million euros for the call. Applicants should keep this in mind when planning the scope of their project. The overall budget of the project must be realistic. The cost estimate must be justified by type of expenditure in the research plan.

The funded project will be integrated into the Academy of Finland's ARKTIKO Academy Programme ([www.aka.fi/arktiko](http://www.aka.fi/arktiko) > EN), and project PIs will be obliged to comply with the same responsibilities as ARKTIKO project PIs.

### **Finnish party's application to the Academy**

The Finnish party's application to be submitted to the Academy of Finland must clearly show the Russian party, the implementation of the collaboration, the distribution of work, the purposes of the funding, and the added value of the collaboration.

The funding can be used to cover researcher salaries, researcher mobility, acquisition of materials and research instruments and other costs (e.g. costs of organising scientific meetings) as well as overheads. The parties will cover their own travel costs.

Review criteria:

- scientific quality and innovativeness of the research plan
- added value of the Finnish-Russian research collaboration
- feasibility of the research plan
- scientific merits and results of the Finnish and Russian researchers/research teams
- support for the research careers of early-career researchers.

### **Appendices to application**

- research plan, no more than 15 pages, including:
  - 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
  - joint budget, including separate budgets for both parties
  - justifications for the funding applied for
  - description of any researcher training to be carried out within the project
- CV for the Finnish applicant and the Russian partner (no more than four pages each), combined into one document
- lists of publications by the Finnish applicant and the Russian partner (combined into one document); in each list, clearly indicate the ten most important publications for the research plan
- data management plan for the Finnish applicant
- statement by an ethics committee or the Committee on Animal Experimentation (if necessary); the ethical aspects must always be specified in the research plan
- invitation by foreign university or research institute, if the research or part of it will be conducted abroad
- progress report on all Academy-funded research projects that have not submitted final reports



## How to apply

The Finnish party submits the application in the Academy of Finland's online services following the Academy's general application guidelines. Please note the application schedule. **The call opens on 11 August 2017 and closes on 11 September 2017** at 16.15 local Finnish time. The deadline is non-negotiable. Draft the application in [the Academy's online services](#). Select *Open calls* > ***Call for joint projects in Arctic research (Academy of Finland and RFBR)***.

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 joint consortium application only after all consortium subprojects have tagged their applications as complete. The non-negotiable call deadline also applies to consortia. Consortium compositions cannot be changed after the call deadline has expired.

The PI of the Russian research project submits their application to the RFBR according to RFBR guidelines and following the same deadline.

## Contacts and more information

- Programme Manager Mikko Ylikangas (Academy Programme Unit), tel. +358 295 335 143
- Programme Manager Tuula Aarnio (Academy Programme Unit), tel. +358 295 335 146
- [www.rfbr.ru/rffi/eng](http://www.rfbr.ru/rffi/eng)

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

The Academy of Finland takes care of the review of the scientific quality of sport science project applications submitted to the Finnish Ministry of Education, Science and Culture. The Ministry makes the funding decisions and takes care of the payment of funds. The review cooperation concerns new applications for funding. Applications are submitted in the Academy's online services. We will forward the review reports to the Ministry.

The review of applications follows the Academy's practices and criteria. We mainly use foreign experts as reviewers. **We ask you to submit your application in English** 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.



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The Ministry will make the funding decisions in spring 2018. The funding period can start as early as 1 January 2018. Due to the Ministry's decision schedule, however, the recommended start date is 1 April 2018.

### 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 applicant is a site 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 for applications is 27 September 2017 at 16.15 local Finnish time. Draft the application in [the Academy's online services](#). Select *Open calls > Sport science research funded by Ministry of Education, Science and Culture*.

Instructions on the appendices to the application are available in the [Ministry's application guidelines](#).

### 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: Science Advisers Vera Mikkilä, tel. +358 295 335 048, and Kati Takaluoma, tel. +358 295 335 150



### 3. FUNDING FOR INDIVIDUAL RESEARCHERS

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

##### Aim

When applying for funding for a research post as Academy Research Fellow, you apply for funding for your own salary for up to five years. Academy Research Fellows work on research plans 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 in the international scientific community.

A post as Academy Research Fellow will provide you with a good and diverse opportunity to work independently on your research and to contribute to developing the research in your field. As an Academy Research Fellow, you are encouraged to engage in international research collaboration and mobility across international and sectoral borders, for example, so that you will work part of the term abroad. Foreign researchers who already work or who will work in the Finnish scientific community may also apply for the funding.

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 2008–30 Sep 2014), 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 2017 call text shows the previous success rates of applications for funding for research posts as Academy Research Fellow by research council.

Mobility since PhD completion is required. The 'mobility requirement' is met if you apply for funding for a research post to **a research environment other than the one in which you worked while completing your doctoral thesis**.

If you are applying for funding to **the same research environment**, you will be required to provide proof that you have worked abroad or somewhere else in Finland for at least six months after completing your PhD. For more detailed guidelines on the mobility requirement, please see Appendix 7 of the September 2017 call text.



## Funding

### For salary

The funding towards the salary of an Academy Research Fellow is determined according to a monthly salary of 5,000 euros. 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. The same applies if the researcher is part of the university's tenure track system. In the September 2017 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 to the relevant research council for a grant for research costs. This grant can cover research costs, international collaboration and mobility, and setting up a research team.

Separate decisions will be made on the funding for the salary and research costs of Academy Research Fellows in spring 2018. 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). Read more on how the research councils grant funding for research costs in Appendix 2 C of the September 2017 call text. Guidelines are also available on our website under [Research councils](#) and from the call's contact persons.

## Funding period

Research posts as Academy Research Fellow are filled for five years. The funding period is 1 September 2018–31 August 2023. The period can be changed only for special reasons (see Who is eligible to apply?). 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 a 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.

If you are appointed to a professorship for an indefinite term while your application is being processed, please notify the Academy without delay. Academy Research Fellow funding is not granted to persons who hold tenured professorships or other senior-level research posts at research organisations.

The Academy Research Fellow's site of research is an organisation based in Finland through which the funding is channelled and paid. During the funding period, the Academy Research Fellow may work abroad for periods of varying durations, for example at foreign universities.

Researcher who have received Academy funding for a research post as Postdoctoral Researcher cannot be granted Academy Research Fellow funding until the end of the Postdoctoral Researcher funding period.

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 funding from other Academy funding schemes, the relevant research council will consider the need for additional funding based on the research plan.

## Appendices to application

The required appendices are listed in Appendix 1 A of the September 2017 call text.

## How to apply

The non-negotiable deadline for applications is 27 September 2017 at 16.15 local Finnish time. 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.

The full cost model is applied to the applications for research cost funding (the Academy's contribution to funding comes to no more than 70% of the estimated 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
- Senior Adviser Timo Kolu, tel. +358 295 335 044

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

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

- Science Adviser Päivi Pihlaja, tel. +358 295 335 016

### 3.2 FUNDING FOR RESEARCH POST AS POSTDOCTORAL RESEARCHER

#### Aim

When applying for funding for a research post as Postdoctoral Researcher, you apply for funding for your own salary for three years. You use the same application to apply for funding for your own research costs. The aim of the funding for research posts as Postdoctoral Researcher is to support the most talented 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.

#### Who is eligible to apply?

To be eligible to apply, you must be a researcher with **up to four years of experience since PhD completion** (degree certificate issued 26 Sep 2013–30 Sep 2017), or up to eight years if you have obtained the degree 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).

Mobility since PhD completion is required. The 'mobility requirement' is met if you apply for funding for a research post to **a research environment other than the one in which you worked while completing your doctoral thesis**.

If you are applying for funding to **the same research environment**, you will be required to provide proof that you have worked abroad or somewhere else in Finland for at least six months after completing your PhD. For more detailed guidelines on the mobility requirement, please see Appendix 7 of the September 2017 call text.



## 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 research spells abroad are presented in Appendix 3 A of the September 2017 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 is primarily determined 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 level at the site of research.

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 2017 call text for the research councils' average funding for Postdoctoral Researchers in the previous call.

## Funding period

The funding for a research post as Postdoctoral Researcher is granted for three years. The funding period is 1 September 2018–31 August 2021, and it can be changed only for compelling reasons (see Who is eligible to apply?). 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.

The Academy's research councils may apply different policies when they grant funding. For more information on the policies of Academy research councils, see Appendix 2 D of the September 2017 call text and [Research councils](#) on our website.

The Postdoctoral Researcher's site of research is an organisation based in Finland via which the Academy's funding is paid. During the funding period, the Postdoctoral Researcher may work at other sites for periods of varying durations, for example at foreign universities.

## 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 a 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 2017 call text.

## How to apply

The non-negotiable deadline for applications is 27 September 2017 at 16.15 local Finnish time. 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*), enter the monthly salary (excl. indirect employee costs) you have agreed with the site of research, together with a justification (by type of expenditure) for the estimated total project costs (incl. research costs). Itemise the research costs for each expenditure type.

## Contacts

Biosciences and Environment Research Unit:

- Science Adviser Outi Ala-Honkola, tel. +358 295 335 029
- Science Adviser Laura Forsström, tel. +358 295 335 041
- Senior Adviser Timo Kolu, tel. +358 295 335 044

Culture and Society Research Unit:

- Science Adviser Siru Oksa, tel. +358 295 335 125
- Science Adviser Päivi Pihlaja, tel. +358 295 335 016

Natural Sciences and Engineering Research Unit:

- Science Adviser Maaria Lehtinen, tel. +358 295 335 061
- 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 Päivi Pihlaja, tel. +358 295 335 016

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



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

### 3.3 FUNDING FOR RESEARCH POST AS CLINICAL RESEARCHER

#### Aim

The Academy of Finland 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 working in clinical practice to engage in research so that they can continue pursuing their research career while in specialist training, alongside clinical practice.

#### Who is eligible to apply?

Those eligible to apply are medical doctors with a doctoral degree (DMedSc, DDS or DVM) working in clinical practice or some other healthcare professionals with a doctoral degree engaged in clinical practice. Funding will not be 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 based on 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 2016 call, the average amount of funding granted for up to four years was 227,000 euros per clinical researcher. The success rate was 30 per cent.

#### Funding period

Funding will be granted for **up to four years**, starting on 1 September 2018.

#### Appendices to application

The required appendices are listed in Appendix 1 A of the September 2017 call text.

#### Restrictions

In the September 2017 call, funding can be granted to one and the same applicant only in one of the following funding opportunities:

- funding for research post as clinical researcher
- 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, or apply for more than one type of such funding, we will only review the first application to arrive.



## How to apply

The non-negotiable deadline for applications is 27 September 2017 at 16.15 local Finnish time. Draft the application in [the Academy's online services](#). Select *Open calls* > **Funding for research post as clinical 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](#).

**Use the same application to apply for funding for your salary and your research costs.** Enter your monthly salary (excl. indirect employee costs) and your working hours to be used for research in the research plan under *Implementation*. Also, justify the project's total costs (incl. estimated research costs). Describe also the working-time arrangements that will be put in place to reconcile the research and the clinical work.

On page three of the online application form, briefly describe where you will perform the clinical work and what the work entails.

If needed, please contact the science adviser named below.

## Contacts

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

## 3.4 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 as well as 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. 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 2017 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 2018. Grants can be awarded for a maximum of twelve months over a two-year period.

### How applications are reviewed

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

### 3.4.1 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 biotechnological 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 these mobility grants 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 a candidate for the JSPS. The JSPS will make the funding decision and be responsible for grant payment.

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 [JSPS form is available online](#). See the JSPS website for instructions on how to fill in the form.

- c) Grants are awarded to 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 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 **6 September 2017**. 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 2018 and 31 March 2019.

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 2018.

[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 2018. The National Natural Science Foundation of China (NSFC) covers the applicant's costs in China, so the applicant must make sure that the Chinese host has an ongoing NSFC project during the visit. The Academy of Finland's grant duration is no more than twelve months in total. This can be divided among several researchers.
- b) 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 2018. CAS covers the applicant's costs in China, so the applicant must make sure that the Chinese host has an ongoing CAS project during the visit. 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.
- c) 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 2018. 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. Please note that the project must have both a Finnish and a Germany responsible person, both of whom must submit an application to their own funding agency.

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 2018 and 2019. Projects whose funding period is about to end may 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 countries participate in the project. 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*, list the Finnish researchers (enter N.N. if necessary) who will use 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 2018. 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 in the case of archive and library work). The minimum duration of the visit is one week; the maximum duration is twelve months (over a 24-month period). 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.](#)

### 3.4.2 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 2018 and 31 March 2019.

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 2018.

Please note that the seminar must have both a Finnish and a Japanese person responsible for the seminar, and both 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 **6 September 2017**. Read more at [www.jsp.go.jp/english](http://www.jsp.go.jp/english).

#### China and Taiwan

- a) Heads of Finnish research teams can apply for funding for 2018 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 those who will do library and archive work, 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 for applications is 27 September 2017 at 16.15 local Finnish time. 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**.



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The grant amounts are presented in Appendices 3 B (Mobility to Finland) and 3 C (Mobility from Finland) of the September 2017 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 sites of research based on projects that have received funding under [the Societal Challenges priority of Horizon 2020](#), the EU the Framework Programme for Research and Innovation.

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

[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 2018, the SRC will process all applications that have been submitted in [the Academy's online services](#) by 31 December 2017 at 16.15 local Finnish time.

#### Contacts

- Finance Manager Sirpa Nummila (Finance Unit), tel. +358 295 335 081



## ADVANCE INFORMATION ON CALLS

### Calls by the Academy of Finland

#### Flagship programme for top-level, high-impact research clusters

The Academy is preparing a new 'flagship programme' for research clusters. The first call of the flagship programme has been planned for late 2017. According to a preliminary schedule, **the call will open on 19 October and close on 9 November** at 16.15 local Finnish time. The call text will be posted on our website (under [Apply now](#)) approximately one month before the call opens.

Only universities, research institutes or consortia composed of universities and research institutes are eligible to apply for the Academy's flagship funding.

Contacts:

- Riitta Maijala, Vice President for Research, tel. +358 295 335 002
- Maiju Gyran, Senior Science Adviser, tel. +358 295 335 015
- Academy of Finland press release 19 May 2017: ["Preparations start for new 'flagship programme' to establish top-level, high-impact Finnish research clusters"](#)

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

The fourth PROFI call concerning competitive funding to strengthen university research profiles will open in late 2017. According to a preliminary schedule, **the call will open on 19 October and close on 16 November** at 16.15 local Finnish time. The call text will be posted on our website (under [Apply now](#)) approximately one month before the call opens.

Only universities are eligible to apply for PROFI funding.

Contacts:

- Riitta Maijala, Vice President for Research, tel. +358 295 335 002
- Anne Heinänen, Senior Science Counsel, tel. +358 295 335 021
- Maiju Gyran, Senior Science Adviser, tel. +358 295 335 015
- Science Adviser Helena Vänskä, tel. +358 295 335 036

#### Targeted call within ICT 2023 programme: Energy efficient ICT systems of the future

According to a preliminary schedule, **the call will open on 25 October 2017 and close on 22 November 2017** at 16.15 local Finnish time. The call text will be posted on our website (under [Apply now](#)) approximately one month before the call opens. More information will be posted at [www.aka.fi/ict2023](http://www.aka.fi/ict2023) > EN.

Contacts:

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



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**FIRI 2018 call for research infrastructures**

According to a preliminary schedule, the FIRI 2018 call for research infrastructures will open in connection with the Academy of Finland's April 2018 call.

Contacts:

- Senior Science Adviser Merja Särkioja (Planning and Management Support Unit), tel. +358 295 335 111

**Academy Programme for Media and Society**

The Board of the Academy of Finland has decided to launch preparations for a new Academy Programme under the working title "Media and Society". The programme's call has been planned for April 2018.

Contacts:

- Programme Manager Risto Vilkkö (Academy Programme Unit), tel. +358 295 335 136

**Calls by the Strategic Research Council**

The Strategic Research Council (SRC) at the Academy of Finland has started preparations to open new calls in 2018. For more information, [please see the SRC's website](#).

Contacts (can be reached as of 31 July 2017):

- Director Jussi Vauhkonen, tel. +358 395 335 155

**Opportunity for Academy-funded researchers to host NSF GROW visitors**

The estimated NSF deadline is in autumn 2017 and the estimated Academy deadline is April 2018.

The US National Science Foundation (NSF) awards Graduate Research Fellow (GRF) grants to talented US researchers working on their doctoral thesis for research spells in Finland or some other country included in the Graduate Research Opportunities Worldwide (GROW) programme. The NSF and the Academy of Finland have agreed that Graduate Research Fellows can be hosted by Academy-funded Centres of Excellence, Academy Professors, Academy Research Fellows, Academy Projects, SRC consortia or projects funded under Academy Programmes. The NSF will cover the salary costs of the US researchers. The Finnish unit acting as host will in turn cover their accommodation and research costs and take care of other practical arrangements. If the researcher is selected to a Finnish team, the Finnish host can apply for a grant from the Academy of Finland (1,700 euros per month, applied for in April 2018) to cover the researcher's accommodation and living costs.

The Graduate Research Fellow call is organised by the NSF. [See the schedules and guidelines on the NSF website](#). In the 2016 call, the Finnish host and the Graduate Research Fellow drew up a joint research plan in the autumn, and the visits started on 1 June 2017.



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Contacts:

- Senior Science Adviser Tiina Jokela, tel. +358 295 335 046
- Coordinator Kristiina Helansuo, tel. +358 295 335 022

### International calls co-funded by the Academy

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 international application dates on the calls' own websites.*

#### **NordForsk: Nordic Centre of Excellence – New Learning and Teaching Environments and Practices**

The call has already opened; the deadline is 13 September 2017.

NordForsk's Education for Tomorrow programme has announced funding for a Nordic Centre of Excellence to bridge the gap between research and practice in the area of teaching and learning. This may be achieved by focusing on the application of research-based knowledge in practice in genuinely collaborative projects and by focusing on the role of teacher education in research-based development of practice. The application must involve partners from at least three Nordic countries.

Contacts:

- Senior Adviser Kaisa Vaahtera, NordForsk, [kaisa.vaahtera@nordforsk.org](mailto:kaisa.vaahtera@nordforsk.org)
- Science Adviser Otto Auranen (Culture and Society Research Unit), tel. +358 295 335 141
- [Read more on NordForsk's website.](#)

#### **NordForsk: The Underpinnings of Nordic Societal Security**

The call has already opened; the deadline is 20 September 2017 at 14.00 CET.

The priority research themes are: 1) Various Nordic institutions and their approaches to security threats such as extremism, and 2) The relationships between various aspects/components of the Nordic governance model and resilience in terms of societal security. The research projects to be funded must include cooperation commitments from institutions in at least three Nordic countries.

[Read more on NordForsk's website.](#)

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

The call will be open between 16 August and 19 September 2017.

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.



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Contacts:

- NOS-HS Secretariat, Swedish Research Council, Kim von Hackwitz, nos-hs(at)vr.se
- Science Adviser Otto Auranen (Culture and Society Research Unit), tel. +358 295 335 141
- More information: [www.nos-hs.org/our-funding/journal-grants](http://www.nos-hs.org/our-funding/journal-grants)

**EqUIP call for collaborative research on sustainability, equity, wellbeing and cultural connections**

Applications are invited in August–November 2017.

The EU-India Platform for Social Sciences and Humanities (EqUIP) has announced its first research funding call. The call aims to bring together social science and humanities funders in India and Europe to support excellent and innovative research on sustainability, equity, wellbeing and cultural connections.

Each proposal will be required to include subprojects from at least three countries: at least one subproject from India and at least two from participating EU countries. Applications are invited from all fields within the social sciences and humanities. Multidisciplinary approaches are strongly encouraged. The emphasis of the research will be on Indian and European dimensions, in both contemporary and historical contexts. The full call specifications will be published in August on the EqUIP website. Full proposals must be made to the ESRC via the UK research councils' [Joint Electronic Submission \(Je-S\) system](#).

Contacts:

- Science Adviser Siru Oksa, tel. +358 295 335 125
- More information: [www.equippproject.eu](http://www.equippproject.eu)  
[EqUIP Sustainable Prosperity, Equity and Wellbeing](#)

**4<sup>th</sup> HERA Joint Research Programme – Public Spaces: Culture and Integration in Europe**

The Humanities in the European Research Area (HERA) Network is planning to implement a new Joint Research Programme under the theme “Public Spaces: Culture and Integration in Europe” (HERA JRP PS). The programme’s call for outline proposals is expected to open on 1 September 2017 and close on 24 October 2017. The call is a two-stage call.

In relationship to the call, public spaces are understood to encompass both material and symbolic dimensions, both the spheres of institutions and practices. Projects should explore the dynamics through which public spaces shape and are shaped by cultural activity, and how various forms of dis/integration can be understood in relation to such spaces. Applications must involve partners from at least four countries participating in the call. The call text will be published in early September.

Contacts:

- Science Adviser Otto Auranen (Culture and Society Research Unit), tel. +358 295 335 141
- More information: <http://heranet.info>



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**CHIST-ERA call in the field of ICT**

The CHIST-ERA ERA-NET (European Coordinated Research on Long-term Challenges in Information and Communication Sciences & Technologies) is preparing a call to be opened in October 2017.

Contacts:

- Science Adviser Jukka Tanskanen, tel. +358 295 335 071
- More information: [CHIST-ERA call in the field of ICT](#)

**BiodivERsA ERA-NET: BiodivScen call for joint projects**

BiodivERsA, the network programming and funding research on biodiversity and ecosystem services across European countries and territories, is planning a call for October–November 2017.

The BiodivScen call aims to promote and support coordinated international research on scenarios of biodiversity and ecosystem services.

The Academy of Finland's Research Council for Biosciences and Environment will co-fund the call with 850,000 euros, provided that the European Commission decides the fund the call. The call text will be published in October 2017. The call has two stages.

Contacts:

- Science Adviser Harri Hautala, tel. +358 295 335 019
- More information: [www.biodiversa.org](http://www.biodiversa.org)

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

The call for NOS-HS workshop grants is expected to open in early 2018.

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 2017. Applications are submitted through the Swedish Research Council's grant application and management system Prisma.

Contacts:

- NOS-HS Secretariat, Swedish Research Council, Kim von Hackwitz, nos-hs(at)vr.se
- Senior Science Adviser Päivi Messo, tel. +358 295 335 074
- Read more: [NOS-HS website](#)

**WaterWorks 2017**

The call is expected to open in February–April 2018.

The theme of the call is "Closing the water cycle gap: Enabling sustainable management of water resources and strengthening socio-economic approaches to water management". The Academy of Finland's Research Council for Biosciences





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and Environment will co-fund the call with 850,000 euros, provided that the European Commission decides the fund the call. The call text will be published in January 2018.

Contacts:

- Science Adviser Kata-Riina Valosaari, tel. +358 295 335 128
- More information: [www.waterjpi.eu](http://www.waterjpi.eu)

### Annual international calls

- Funding opportunities of [the European Research Council \(ERC\)](#); applications invited in summer or autumn 2017:
  - [Starting Grants](#)
  - [Consolidator Grants](#)
  - [Advanced Grants](#)
- Horizon 2020 calls: Research and Innovation Programmes ([EUTI, the official information office for EU R&D in Finland](#))
- [Marie Skłodowska-Curie actions](#)
- 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 post as Academy Research Fellow or Postdoctoral Researcher
- funding for research post as clinical researcher
- Academy Programmes (second call stage)
- funding for research post as Academy Professor (second call stage).

In targeted Academy Project funding, other appendices may also be requested.

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. We only accept appendices in PDF format. Make sure not to exceed the maximum length of appendices.

Draft the appendices in PDF format and 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*.

#### 1. Research post or individual project applications

Obligatory appendices:

- research plan, no more than twelve pages (and bibliography of no more than two pages)
- curriculum vitae for the applicant, no more than four pages (recommendation), following the Finnish Advisory Board on Research Integrity's guidelines
- 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 post 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 projects headed by the applicant that have not submitted final reports



## 2. 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 to consortium application

Appendices to consortium PI's application:

- joint research plan drafted in line with [consortium guidelines](#), no more than 15 pages (and bibliography of no more than two 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
- joint data management plan for the consortium.

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), following the Finnish Advisory Board on Research Integrity's guidelines
- list of publications by the applicant; for each subproject PI, clearly indicate the ten most important publications for the application.

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 Please do not append any letters of recommendation.

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



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## APPENDIX 1 B: APPENDICES TO LETTER OF INTENT

The appendices listed below are required when an application is submitted for the first stage of two-stage calls (e.g. Academy Programme calls). We only accept appendices in PDF format.

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 PDF format and 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*.

### 1. Letter of intent by principal investigator of individual project in an Academy Programme

- plan of intent, no more than four pages
- curriculum vitae for the PI, no more than four pages (recommendation), following the Finnish Advisory Board on Research Integrity's guidelines
- list of publications by the PI; clearly indicate the ten most important publications for the research plan

### 2. Letter of intent by Academy Programme consortium or CoE programme consortium

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.

A consortium has one joint appendix to be appended to the consortium PI's application:

- joint plan of intent for the consortium, no more than six pages

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

- curriculum vitae for the applicant, no more than four pages (recommendation), following the Finnish Advisory Board on Research Integrity's guidelines
- list of publications by the applicant; for each subproject PI, clearly indicate the ten most important publications for the consortium

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



## APPENDIX 2 A: ACADEMY PROJECT FUNDING IN SEPTEMBER 2016 CALL, BY RESEARCH COUNCIL

This 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 2017	Average amount <sup>1</sup>
Biosciences and Environment <sup>2</sup>	266	18	21,837,000	495,000
Culture and Society <sup>3</sup>	426	15	31,038,000	403,000
Natural Sciences and Engineering <sup>4</sup>	614	18	47,841,000	435,000
Health <sup>5</sup>	224	18	18,200,000	441,000

<sup>1</sup> The additional funds allocated to the Academy of Finland in the state budget for 2017 made possible a higher application success rate compared to previous years. Based on information currently available, the Academy will not have additional funds allocated to it for the September 2017 call. It is therefore likely that the sums granted will decrease.

### 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. The same maximum sum is applied to funding for consortia. In the September 2016 call, the Research Council's average funding was €495,000 per individual projects and €290,000 for consortium subprojects.

<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 2016 and 2017, the Research Council granted no more than €480,000 euros for four-year Academy Projects. Consortium subprojects received a maximum of €280,000 euros.

<sup>4</sup> In the September 2017 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). Being a principal investigator for a consortium subproject is not an obstacle to being awarded a project grant, and vice versa.

<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 policies), please see [Our research councils](#) on our website.



## APPENDIX 2 B: ACADEMY RESEARCH FELLOW FUNDING IN SEPTEMBER 2016 CALL, BY RESEARCH COUNCIL

Research council	Academy Research Fellow applications	
	Applications for salary funding	Success rate, spring 2017 (%)
Biosciences and Environment	108	12
Culture and Society	186	11
Natural Sciences and Engineering	206	11
Health	85	14

Over the five-year term 2017–2021, 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 2017, funding was granted to a total of 67 new research posts as Academy Research Fellow.

## APPENDIX 2 C: RESEARCH COUNCILS' POLICIES FOR 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. 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. 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 for the same topic. Those who have received funding for a research post as Academy Research Fellow will not be granted Academy Project funding as well.

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

## APPENDIX 2 D: POSTDOCTORAL RESEARCHER FUNDING IN SEPTEMBER 2016 CALL, BY RESEARCH COUNCIL

Research council	Applications		Funding (€)	
	Number of applications	Success rate (%)	Granted, spring 2017	Average amount <sup>1</sup>
Biosciences and Environment <sup>2</sup>	132	15	5,400,000	270,000
Culture and Society	310	12	9,557,000	258,000
Natural Sciences and Engineering <sup>3</sup>	289	17	12,332,000	257,000
Health	137	13	4,880,000	271,000

Please note that the Academy's contribution to funding in these decisions (spring 2017) came to no more than 70% of the total costs. The amounts have been rounded to the nearest thousand.

The additional funds allocated to the Academy of Finland in the state budget for 2017 made possible a higher application success rate compared to previous years. Based on information currently available, the Academy will not have additional funds allocated to it for the September 2017 call. It is therefore likely that the sums granted will decrease.

<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 [Our research councils](#) on our website.



### APPENDIX 3: CALCULATION OF SUPPORT TO INTERNATIONAL RESEARCHER MOBILITY 2017–2018

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 2017 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 2017 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 2017 call text).

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

The mobility allowance in research projects 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 dependent children: €1,050/month

researchers with dependent children: €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, Academy 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 projects' and researchers' research costs 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 working in Finland. While working in Finland, they must have an employment relationship to the site of research.
- The 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 funding, awarded as personal grants, is 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 dependent children
- 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 into the researcher's own bank account, or as a research grant via the financial administration of the site of research.

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

The Academy is committed to promoting and implementing Finland's national [Open Science and Research Roadmap 2014–2017](#). The goal is to make research publications, data and material, metadata and methods widely available for reuse. The principles of open science must be pursued with due attention to good scientific practice and law.

We require that Academy-funded projects commit to **open access publishing**.

We also 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. The degrees of data openness may justifiably vary, ranging from fully open to strictly confidential.

Scientific publications and research data produced with funding from the Academy of Finland or by using Academy-funded research infrastructures must always indicate that the research has been conducted with funding from the Academy of Finland. The Academy's grant number(s) must also be mentioned.

### Open access publishing: the research plan must include a publication plan

The research plan included in the application must include a publication plan that has been drafted taking into account the Academy of Finland's open access requirement. The requirement particularly concerns peer-reviewed articles, but the Academy also recommends open access for other types of publications.

Researchers can publish their scientific articles following either green or gold open access. Academy funding can be used to cover research costs related to scientific publishing using the golden route. Academy research funding may also be used to cover costs of so-called hybrid open access publishing.

**Green open access** means that researchers publish their articles in traditional subscription-based scientific journals and store parallel copies of the articles 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 usually no more than six months, except in the humanities and social sciences where it is no more than twelve months. We encourage researchers to store the final, peer-reviewed and edited version of their articles. If this is not possible due to the publishing contract, the articles may be stored as pre-print manuscripts.

**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.

**Hybrid open access** publishing is also allowed. Hybrid open access refers to a combination of subscription-based and free-of-charge publishing. This means that the author pays a fee (**article processing charge**) determined by the publisher to make the article freely available. Otherwise the journal is only available to readers who



have paid the **subscription fee**. In these cases, the publisher may collect money from both the authors and the readers. The Academy is keen to emphasise that hybrid open access is only a temporary solution and part of the transition towards full open access publishing.

Academy funding is available for research costs arising from publishing of research results following gold or hybrid open access. 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: data management plan

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. The degrees of data openness may justifiably vary, 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.

Data produced with Academy funding must be made freely available as soon as possible after the research results have been published, via key national or international repositories in the researcher's own field. Sites of research must therefore provide researchers with the necessary guidance and ensure that they have access to suitable storage infrastructure.

The costs associated with storing and sharing research data are regarded as overheads for the project's host organisation, but they may also be legitimately accepted as research costs to be covered with Academy research funding.

Data management, listing and archiving services are provided by, for instance

- [the Finnish Social Science Data Archive \(FSD\)](#), which also accepts data from the humanities and health sciences, for instance
- [the FIN-CLARIN consortium](#) (language resources)
- [services by the Open Science and Research Initiative](#)
  - 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. Append the data management plan to the application as a separate appendix (read more in Appendix 5 of the September 2017 call text).

### More information on open science

- [Online course on open science](#)
- [Finnish Social Science Data Archive \(FSD\): data management guidelines, data management planning](#)





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- Open Science and Research Initiative, e.g. the [Open Science and Research Handbook](#)
  - [Open Science and Research Roadmap 2014–2017](#)
  - [Publication Forum’s classification of scientific publication channels](#)
  - Academy of Finland press release 30 May 2017: [“Academy of Finland refines its policy on open access publishing”](#)



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## APPENDIX 5: DATA MANAGEMENT PLAN

### As open as possible, as closed as necessary

A separate, obligatory appendix to the application is the data management plan, in which you describe how you manage your research data during the project and make them available after the research project has been completed. Even if your project will not produce data to be stored or if you will use existing, openly available data, you should still append a data management plan to your application. In the appendix, describe your data management as briefly as possible. Answer the questions concisely and where applicable.

Draft the plan according to the structure below. If you want, you can use the data management planning tool DMPTuuli. The structure and contents of the appendix are the same regardless of which method you choose.

More guidelines on the details to be described in the plan are available in DMPTuuli and on the Academy of Finland's website. Both sources include the same additional guidelines. DMPTuuli may also contain university-specific guidelines. The Finnish Social Science Data Archive (FSD) has also drafted its own guidelines as well as templates for data management plans.

In the September 2017 call, the application is drafted following current legislation. When the funding period starts in the autumn of 2018, however, funding recipients must follow the EU's new General Data Protection Regulation, which is currently being drafted.

Read more:

- [www.dmptuuli.fi](http://www.dmptuuli.fi)
- [detailed Academy data management plan guidelines and best practices in DMPTuuli](#)
- [Academy of Finland's open science policy](#) (see also Appendix 4 of the September 2017 call text)
- [Finnish Social Science Data Archive](#): data management guidelines
- [Memorandum by Finland's implementation panel for EU General Data Protection Regulation](#), 21 June 2017 (in Finnish)

### Structure of data management plan

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 plan should not be longer than 1–2 pages. Plans drafted with DMPTuuli are slightly longer than this, because of differences in text layout.

#### 1. General description of data

What types of data (e.g. qualitative, quantitative, measurements) will the project collect or use? The data may be either new data or openly available data. What are the file formats of the data?

The data content is described in more detail in the research plan.



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## **2. Documentation and quality**

How will the data be documented? For example, what identifiers and metadata standard will be used? How will the quality of the data and the documentation be ensured?

## **3. Storage and backup**

How will the data be stored and backed up during the whole life cycle of the research project (e.g. access to data)?

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

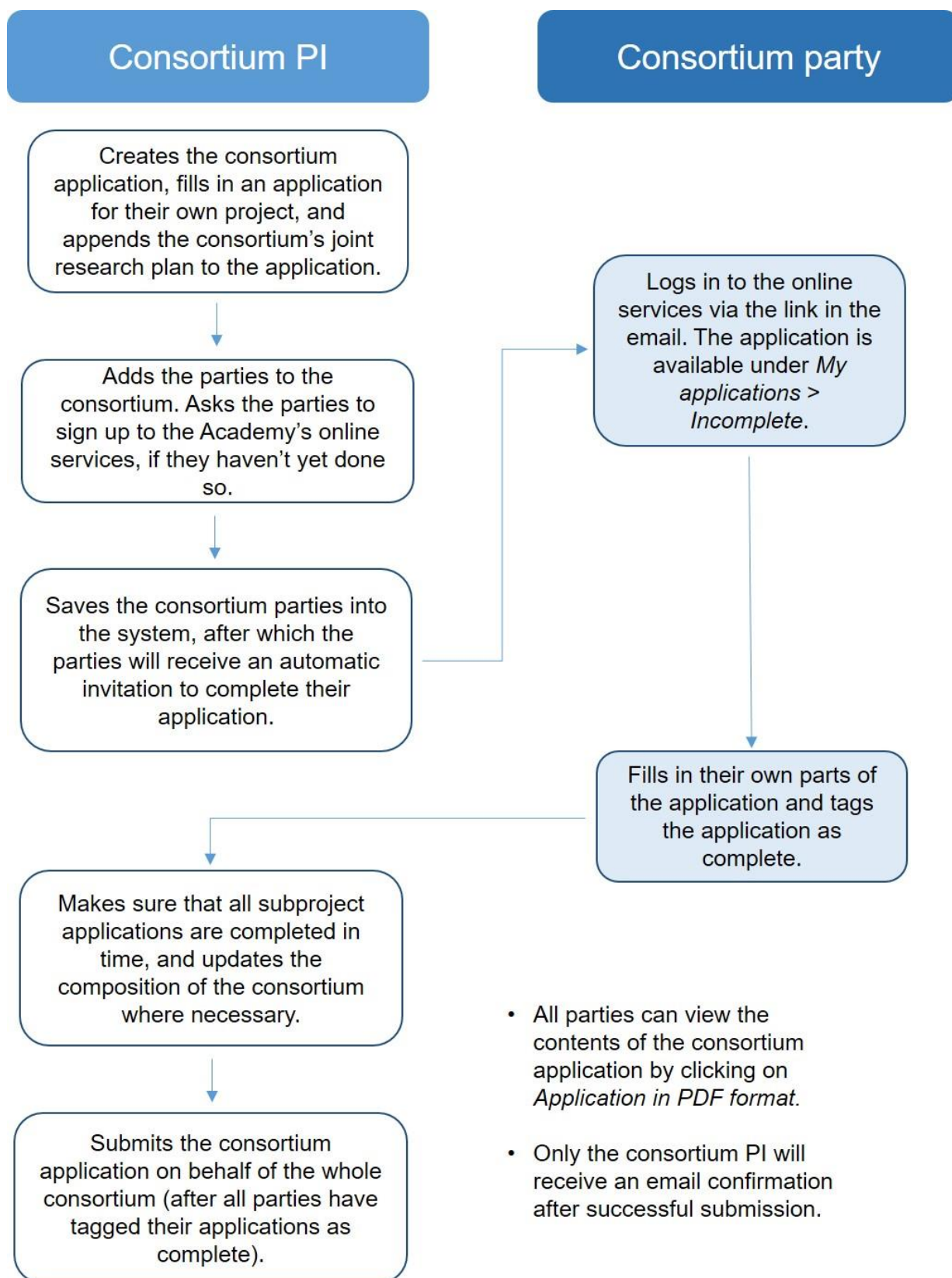
How will ethical issues concerning data storage (e.g. sensitive personal information, third-party access to data) be considered? How will copyright and IPR issues be managed?

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 and when will the data be made available for reuse by other researchers? With what party (data archive, storage service, etc.) will you collaborate to manage the data and make them available? What resources will enable data sharing and long-term preservation?

For each of these sections, we have posted the detailed Academy's guidelines and tips for best practices in DMPTuuli on our website: [detailed Academy data management plan guidelines and best practices in DMPTuuli](#)

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



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## APPENDIX 7: MOBILITY REQUIREMENT FOR ACADEMY RESEARCH FELLOW AND POSTDOCTORAL RESEARCHER APPLICANTS 2017

### The Academy's aim

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.

The Academy encourages international researcher mobility. Our funding can be used within the limits of the funding period for research spells abroad and for returning to Finland. International mobility is of particular importance to early-career researchers in improving the quality of their research and supporting their career development.

In assessing the scientific merits of a funding application, the reviewers consider the international and national collaborative contacts and research mobility presented in the application.

### Academy Research Fellow and Postdoctoral Researcher applicants: specify your international and national mobility in three sections:

#### 1) Mobility as an eligibility requirement

In this section, we assess your eligibility to apply for funding. You are eligible to apply only if you meet our mobility requirement (see Mobility as an eligibility requirement below).

*This information is entered on page 2 of the online application form.*

#### If you are eligible to apply based on the above item:

#### 2) Previous mobility as a merit

Enter information on your research visits in connection with your research. We will use this information to assess your experience as a researcher.

*This information is entered on page 7 of the online application form.*

#### 3) Planned mobility linked to implementing the research project

Enter information on your planned research visits during the project and how these mobility periods will benefit your research. We will use this information to assess your application.

*This information is entered on page 7 of the online application form and under item 9 of the research plan.*



## 1) Mobility as an eligibility requirement

Mobility since PhD completion is required from applicants for funding for a research post as Postdoctoral Researcher or Academy Research Fellow. 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 foreign or Finnish research environment since PhD completion.

The mobility requirement is met if you apply for funding for a research post to a **research environment other than the one in which you worked while completing your doctoral thesis**.

### To whom does the mobility requirement apply?

The requirement applies to everyone who applies for the Academy's funding for a research post as Academy Research Fellow or Postdoctoral Researcher. The requirement does not apply to postdoctoral researchers hired with other Academy funding (such as those hired within Academy Projects).

The requirement is met if the applicant changes research environments during the early stages of the funding period. In other words, the funding application concerns a site of research or research environment other than the one where the doctoral thesis has been completed.

If a researcher applies for the funding to the same research environment, they must account for experience of another environment after PhD completion. In this case 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.

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.

### 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 site of research (usually a university or research institute), but it may also extend to several organisations. There may be several different research environments at one and the same site of research.

If an applicant changes research environments within the same site, we require a **distinct change of work environment**, so that it justifiably promotes the Academy's objectives for the mobility (see The Academy's aim above). *Applicants must provide a concrete justification for the change of work environment and for meeting the Academy's objectives on the online application form.*

Changing the name of the research unit or merging to units does not count as a change of research environment.



### What does 'working elsewhere' 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 field's 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.

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

### When must the six months have been completed?

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 2017**.

The work may have been performed over several spells. However, the two longest spells must equal at least six months.

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.

Planned mobility is not included in the assessment of the applicant's eligibility. Planned mobility is assessed as part of the research plan.

### How do I enter information on the mobility requirement on the online application form?

Fill in page 2 of the online form. The information you provide on this page forms a whole based on which we can assess whether you meet the mobility requirement. You will need to fill in all obligatory fields on this page to submit your application.

The page structure is as follows:

- 1) Tick the box. The page includes a question where you must select one of two alternatives: you are either changing research environment now, or you have acquired experience of another environment after PhD completion. You can also select both alternatives.
- 2) Table. The page also holds a table, where you enter the mobility needed to fulfil the mobility requirement (dates, any additional information). You can add several separate periods to the table, so that they add up to the six months required. If





- you completed the required mobility in the form of several separate periods, the two longest periods should add up to a minimum of six months. (You can enter other key mobility spells on page 7, *Mobility*.)
- 3) Free-text field for justifications. Justify how you meet the mobility requirement (change of research environment or six months of experience from elsewhere). Provide a brief and concrete justification for the benefit from changing environments (no more than 1,000 characters).

## 2) Previous mobility as a merit

We will consider your previous mobility when assessing your experience as a researcher.

**On page 7 of the online form (*Mobility*)** under *Previous mobility*, list your mobility after completing your PhD.

Only include your most important mobility spells (at least five working days, or 0.25 months) in months. The limit is the same as the one set in the data collection on universities applied by the Ministry of Education, Science and Culture. Do not include conference visits or individual meetings.

There is no time limit for mobility and visits that you want to include in your **curriculum vitae** in support of your application.

For more information on the policies of the Academy's research councils, see [Research councils](#) on our website.

## 3) Planned mobility linked to implementing the research project

The Academy of Finland encourages Academy-funded researchers to be internationally mobile during their research project. The planned mobility must support the implementation of the research plan.

**On page 7 of the online form (*Mobility*)** under item *Planned mobility*, list your planned mobility during the funding period.

Only include your most important mobility spells (at least five working days, or 0.25 months) in months. Do not include conference visits or individual meetings.

Justify **in your research plan** how your mobility destinations and planned visits or research spells benefit your research. You may refer to page 7 of the online form in item 9 (Mobility plan for funding period) of the research plan. If you are applying for funding for conference visits or individual meetings, remember to mention them in the research plan.

For more information on the policies of the Academy's research councils, see [Research councils](#) on our website.



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## About this document

This call for applications is based on a document that presents the criteria for research funding decisions by the Academy of Finland and that is annually approved by the Academy Board. The calls that will open in September 2017 come under the criteria adopted on 20 April 2017. The document is available [on our website](#) (in Finnish).

The call for applications is prepared by an internal working group responsible for communication on the Academy's funding calls. Vice President for Research Riitta Maijala approved the Finnish-language call for applications on 30 June 2017.

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 2018. The April call for applications (in Finnish, Swedish and English) will be posted on our website in March. Applications can be submitted between 2 and 25 April 2018 (TBC).

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Questions and feedback	<a href="#">Questions and feedback</a> on our website

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